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ABSTRACT

Project TALENT is a nationwide, long term educational research study, both cross-sectional and longitudinal in its methodology and implications. Its main goal is to understand the nature and development of the talents of the nation's adolescents. More specifically, the goals are: (1) to obtain a national inventory of human resources; (2) to develop a set of standards for educational and psychological measurements; (3) to provide a comprehensive counseling guide which will be predictive of career satisfaction through the use of aptitude and ability ratings; (4) to formulate a better understanding of how adolescents choose their life work; and (5) to identify the educational experiences which better prepare students for their life work. This portion of the study, which was begun in 1960 and designed with followups 1, 5, 10, and 20 years after high school graduation of each of the 4 classes involved, provides information derived from the 5-year followup and includes 2 appendices of information relevant to the study. (Author/TA)

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Project TALENT

FIVE YEARS AFTER HIGH SCHOOL

John C. Flanagan
Marion F. Shaycoft
James M. Richards, Jr.
John G. Claudy

American Institutes for Research
and
University of Pittsburgh

1971

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FIVE YEARS AFTER HIGH SCHOOL

John C. Flanagan
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Final Report

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FOREWORD

A word about the organization of this report seems in order. Chapter 1 provides introductory material which is relevant to all subsequent chapters. As for the rest of the report, except for the final chapter it consists essentially of a collection of separate studies done by the Project TALENT staff. Most of these studies focus, in one way or another, on post-high-school education or jobs or long-range career plans. And all of them use the Project TALENT five-year follow-up data as a base. But the contents of this volume should not be considered to be one large research study, split up for reporting purposes into many chapters. Rather it is many smaller research studies each of which is reported on in a single chapter or in some cases in a section of a chapter. The opinions expressed not only do not necessarily reflect the position or policy of the U.S. Office of Education, as is pointed out on the title page of this volume, but there is not even any guarantee that every author has the same point of view as every other author. We _do_ agree pretty well on the whole. Nevertheless it would be well to remember that a viewpoint expressed anywhere in this report is the viewpoint of the chapter's author and is not necessarily held by all authors of all other chapters. The reader will find that some of the same problems are approached in different ways in different chapters.

Having said all that, we hope the reader will not waste his time hunting for points on which the authors disagree. He will find few--maybe none at all; as stated above, we _do_ agree pretty well on the whole!

At the risk of laboring the obvious it should also be pointed out that the studies reported on in this volume do not constitute an exhaustive catalogue of all the studies that might be done using the five-year follow-up data. With a body of data as comprehensive in scope and as large in magnitude as the set of TALENT records resulting from a combination of the 1960 survey data, the one-year follow-up, and the five-year follow-up, the concept of exhausting the research potential of the data is for all practical purposes a meaningless one. If this volume were many many times as large as it is, it still would not exhaust the research potential. Many studies that have been done using the five-year follow-up data are not reported on here because they were carried out as Project TALENT Data Bank* studies, and therefore have been or will be reported on elsewhere, by other researchers. Many more studies using these data will be done in the future--some of them linking the five-year follow-up data not only with the antecedent data but also with subsequent follow-up data. This report, therefore, is a beginning, not an end, of the use of the Project TALENT five-year follow-up data in research.

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Marion F. Shaycoft
James M. Richards, Jr.
John G. Claudy

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* See Appendix H.

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Any research study involving as many cases and as much data as Project TALENT is dependent to an enormous extent on the competence, ingenuity, and hard work of its programers. Project TALENT has been particularly fortunate in this respect. We wish to thank present staff members Ardys J. Bloomquist, Gary V. Fulscher, and Patrick J. McDonnell, Jr.; former staff members Marsha D. Brown, Richard A. Williams, Bary G. Wingersky, and Marilyn S. Wingersky; and consultant Bradford W. Wade. All of them have made important contributions.

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Appendix II

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Chapter 1. INTRODUCTION

Marion F. Shaycoft and James M. Richards, Jr.

Project TALENT is a large-scale long-term educational research study which is both cross-sectional and longitudinal in its methodology and implications. The overall goal of Project TALENT is to understand the nature and development of the talents of America's young men and young women. Within this broad context, Project TALENT has had the following specific goals:

1. To obtain a national inventory of human resources.
2. To develop a set of standards for educational and psychological measurements.
3. To provide a comprehensive counseling guide indicating the patterns of aptitude and ability which are predictive of success and satisfaction in various careers.
4. To formulate a better understanding of how young people choose their life work.
5. To identify the educational experiences which better prepare students for their life work.

To achieve these goals, the initial phase of Project TALENT consisted in giving a very large and representative sample of high school students a very comprehensive battery of paper-and-pencil tests and inventories. That was in 1960. It was planned that members of the sample would then be followed up periodically by questionnaires over a 20-year span. Thus Project TALENT constitutes the first large-scale long-range longitudinal study of a representative sample of students assessed with a comprehensive set of psychological, educational, and personal measures.

As shown in Table 1-1, the overall design of Project TALENT provided for follow-ups approximately one year, five years, ten years, and twenty years after each of the four classes has graduated from high school. The one-year and five-year follow-ups have been completed, and the ten-year follow-up (or more precisely the eleven-year follow-up) is about to begin.

TABLE 1-1. Project TALENT follow-up schedule

Grade When Tested in 1960	Years for Follow-up Studies			
	1-Year Follow-up	5-Year Follow-up	10-Year Follow-up	20-Year Follow-up
12	1961	1965	1970	1980
11	1962	1966	1971	1981
10	1963	1967	1972	1982
9	1964	1968	1973	1983

The present report focuses on the five-year follow-up. Before entering into a detailed discussion of that phase, however, we shall start with a thumbnail description of the 1960 initial survey phase.

1960: The First Phase of Project TALENT

Before starting this brief description of "the first phase of Project TALENT," it should be explained that the 1960 survey was the "first phase" only in the sense that it was the first occasion that Project TALENT impinged on a broad scale on schools and students all over the United States. Before this crucial stage was reached in 1960, there was a three-year period devoted to planning of procedures, development of instruments, trying out of tests and methods, and all the other essential planning and groundwork-laying that had to precede the actual carrying out of the survey phase.

The Project TALENT sample. The selection of the national sample surveyed in 1960 is described in considerable detail in Design for a Study of American Youth (Flanagan, Dailey, Shaycoft, Gorham, Orr, and Goldberg, 1962, Chapter 3). In this volume, therefore, it will only be outlined briefly. The first step was to draw a stratified random sample of all secondary schools in the United States that contained grade 12. Public, parochial, and private schools were included. Stratification was on the basis of category of control (i.e., public schools, parochial schools, and private schools other than parochial) and geography (region and state); and within the public school category there was further stratification on the basis of retention ratio (i.e. ratio of number of tenth-graders to number of graduates) and school size. Differential sampling ratios were used; one-twentieth of the parochial schools, private schools, and medium-sized public schools were selected; and one-thirteenth of the very large public schools and one-fiftieth of the very small ones. About 93 percent of the selected schools agreed to participate in Project TALENT. All students in grades 9-12 in these schools were in the TALENT probability sample; also 9th-graders in the associated junior high schools. Altogether between 4 and 5 percent of all secondary schools in the United States were included. There were roughly 400,000 students in grades 9 through 12 attending the participating high schools; these students were the Project TALENT probability sample.

In addition to the schools in the probability sample, additional schools participated, either by invitation for the purposes of some special phase or substudy, or else at their own request. In either event, students in these supplementary schools are not part of the Project TALENT probability sample, and are excluded from those studies whose nature or purpose is such that they must be based on probability sample cases only.

The column headed "Total no. of TALENT cases" in Table 1-2 summarizes, by grade and sex, the counts of all cases in grades 9-12 whether probability sample or not. Column 1 of Table 1-3 shows the total number of grade 9-12 probability sample cases, classified by grade and sex.

The Project TALENT test battery. The TALENT test battery, which required two days of testing time and was administered in 1960 to over 400,000 secondary school students consisted of numerous aptitude and achievement tests and also of three questionnaires or inventories. One of those questionnaires, the Student Information Blank, called for background information about the student--his school activities, hobbies, home, family, long-range plans, etc. The second was the Interest Inventory, which was concerned with occupational interests. And the third was a personality inventory, called the Student Activities Inventory. Appendix C summarizes the contents of the battery. Many of the analyses reported on in later chapters involve the use of 109 predictive variables from the battery--64 cognitive variables (test scores) and 45 noncognitive variables (based primarily on responses to questionnaires). These 64 cognitive and 45

TABLE 1-2. Total numbers of TALENT cases in grades 9-12, and numbers with 5-yr. follow-up data who meet various criteria of "completeness" of the record. (Cases classified by grade and sex)

Grade	Sex	Total no. of TALENT cases***	TALENT cases with 5-yr. follow-up data***: Total no.	No. with complete data	No. with complete data who are in purified career-plan group
12	M	43,017	17,512	14,123	12,554
	F	44,113	17,723	14,703	13,089
	Tot.	87,130	35,235	28,826	25,643
11	M	49,392	18,459	14,570	13,011
	F	49,867	18,905	15,423	13,934
	Tot.	99,259	37,364	29,993	26,945
10	M	55,095	18,679	14,911	12,903
	F	52,401	18,029	15,057	13,222
	Tot.	107,496	36,708	29,968	26,125
9	M	55,195	15,647*	**	**
	F	55,138	15,792*	**	**
	Tot.	110,333	31,439*	**	**
9-12 combined	M	202,699	70,297*	**	**
	F	201,519	70,449*	**	**
	Tot.	404,218	140,746*	**	**

---

* Approximate

** Counts not available

*** These counts include both probability-sample cases (for which separate counts are given in Table 1-3) and other cases. (All counts are based on the TALENT tape files.)

TABLE 1-3. Numbers of TALENT probability-sample cases, numbers with one-year and five-year follow-up data, and corresponding percentages

Classified by grade (at time of original testing) and sex

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
		Total no. of TALENT probab. sample cases	No. of cases in SPECIAL SAMPLE OF NONRESPONDENTS*		Number of FOLLOW-UP RESPONDENTS*					
					1-YEAR FOLLOW-UP			5-YEAR FOLLOW-UP		
GRADE	SEX		1-YEAR FOLLOW-UP	5-YEAR FOLLOW-UP	REG.**	SPEC.**	TOT.	REG.**	SPEC.**	TOT.
12	M	39,692			23,178	661	23,839	15,108	867	15,975
	F	41,483			27,061	609	27,670	15,616	936	16,552
	Tot.	81,175	1277#	2074	50,239	1270	51,509	30,724	1803	32,527
11	M	45,443			20,307	1388	21,695	15,718	1201	16,919
	F	47,060			23,175	1318	24,493	16,703	1164	17,867
	Tot.	92,503	2893	2558***	43,482	2706	46,188	32,421	2365	34,786
10	M	50,654			20,915	1017	21,932	15,899	1060	16,959
	F	49,195			21,567	1095	22,662	15,867	984	16,851
	Tot.	99,849	3066	2654	42,482	2112	44,594	31,766	2044	33,810
9	M	50,171			21,181	1127	22,308	13,227#	799#	14,026#
	F	51,500			23,637	1018	24,655	13,905#	773#	14,678#
	Tot.	101,671	3202***	2531	44,818	2145	46,963	27,132#	1572#	28,704#
9-12 combined	M	185,960			85,581	4193	89,774	59,952#	3927#	63,879#
	F	189,238			95,440	4039	99,479	62,091#	3857#	65,948#
	Tot.	375,198			181,021	8232	189,253	122,043#	7784#	129,827#

		Percentage of all nonrespondents		Response rates					
				Percentage of:			Percentage of:		
				Tot.	Special nonresp. sample	Tot.	Tot.	Special nonresp. sample	Tot.
12	M			58.4		60.1	38.1		40.2
	F			65.2		66.7	37.6		39.9
	Tot.	4.1	4.1	61.9	99.5	63.5	37.8	86.9	40.1
11	M			44.7		47.7	34.6		37.2
	F			49.2		52.0	35.5		38.0
	Tot.	5.9	4.3***	47.0	93.5	49.9	35.0	92.5	37.6
10	M			41.3		43.3	31.4		33.5
	F			43.8		46.1	32.3		34.3
	Tot.	5.3	3.9	42.5	68.9	44.7	31.8	77.0	33.9
9	M			42.2		44.5	26.4##		28.0##
	F			45.9		47.9	27.0##		28.5##
	Tot.	5.6***	3.4	44.1	67.0	46.2	26.7##	62.1##	28.2##
Average % for a grade				48.9		51.1	32.8##		35.0##

---

*Only cases in the probability sample for grades 9-12 are included in these counts. All counts are based on the TALENT tape files.

**"Reg." means regular respondent to mailed questionnaire. "Spec." means member of TALENT sample who was in special sample of nonrespondents to mailed questionnaire.

***Stratified sample.

#Approximate number.

##Approximate percentage.

noncognitive variables are identified in Appendix F-1. Appendix D describes 12 a priori composites of the cognitive test scores. Among these 12 are the general academic aptitude composite[1], which is used in some of the analyses reported on in later chapters. Appendix E-1 describes the 17 a priori composites based on responses to the Student Information Blank (SIB). These are newly obtained composites, not used in any of the previous reports. And Appendix E-2 describes another variable derived from the SIB--a socio-economic index.[2]

Should the reader wish further details about the battery, he is referred to Design for a Study of American Youth (Flanagan et al., 1962) which describes the various tests and inventories in considerable detail, and to The American High School Student (Flanagan et al., 1964).

The Five-Year Follow-Up

The follow-up questionnaires. Although somewhat different questionnaires were used for each class, all questionnaires included a common core of items tapping information vital to the study of further education, jobs, and career plans. In accordance with the life stage of young men and young women five years after high school, the questionnaires emphasized questions about entry jobs, long-range career plans, family establishment, college, and military service. But in addition to questions on these topics, there were also some series of questions that were included for one or two grades but not for all four. These were questions on special topics which seemed worth investigating on a limited basis. The necessity of keeping the questionnaire short enough that it would be easy to complete imposed restrictions on how many questions, and what kind, could be included each year. Every effort was made to keep each questionnaire direct, clear, and not unduly long. The questionnaires were designed as simple factual data-collection instruments rather than as clinical tools for psychiatric probing. Therefore they could be set up to be essentially self-administering. Appendix A contains the questionnaires sent to each grade.

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[1] Designated by the code C-002.

[2] Designated by the code P*801.

The follow-up procedure. The five-year follow-up for a given grade included four mailings or "waves" of the questionnaire. For each mailing an address label was printed for each student in that wave by the computer from the tape of names and addresses. The four waves for each grade were spaced about one month apart, and a reminder card was sent between the first and second waves. When a completed questionnaire was returned, cards were punched containing information as to whether or not usable information had been obtained from the student. These cards then were used to control the preparation of mailing labels for subsequent waves, so that a student did not receive another questionnaire after he had completed one.

Questionnaires returned by the post office because the student had moved from the address on the mailing label also were processed. If the post office reported a new address, this change was made on the Project TALENT records and used in the next mailing wave. Questionnaires returned with no new address were coded to show the week received and the reason for the return, such as no forwarding address or addressee unknown. The names of persons who had died were, of course, removed from the mailing list.

On the average, about a third of the sample completed and returned the mailed questionnaire leaving about two-thirds in the nonrespondent category. In order to be able to make a correction for any bias resulting from this nonresponse, it was necessary to obtain responses from a representative sample of the nonrespondents. Therefore, four special surveys were ca[illegible]ed out, one for each of the four grades. Each of these surveys was based [illegible]n a representative sample (generally about 4 percent) of all persons who hadn't responded after having been sent four separate copies of the questionnaire, a month apart. The method of sample selection for this nonrespondent sample was a simple one, and it guaranteed close-to-maximum representativeness. The first step in the selection procedure was to arrange all nonrespondents in testing number order (on the computer tape); this automatically arranged them by geographical region, state, city, and school, and within school generally by classroom. Cases were then selected at regular intervals to give a nonrespondent sample of the desired size. For instance, if a 4 percent sample were being selected every 25th case would be chosen. Because of the order in which the cases were arranged before sample selection, the sample was automatically representative (not merely random) with respect to region, state, city, school, and in most cases, classroom. And as for characteristics that are statistically independent of region, state, city, school, or classroom, the nonrespondent sample is still random with respect to such characteristics.

For use with the selected nonrespondent sample, a special interview form, consisting of most of the items in the regular questionnaire (and, it is hoped, all of the ones that are crucial for most purposes) was prepared. Members of the special nonrespondent sample were located, and contacted directly to secure their answers to the questionnaire items. Project TALENT has a network of consultants all over the country (there are about 64 at present) who, in their capacity as "regional coordinators", handled the direct follow-up of those members of the special sample of nonrespondents that are in their region; in this activity the regional coordinators, in the interests of uniformity of procedure, operated under instructions received from the central TALENT office. Each regional coordinator was sent an interview form for each member of the special nonrespondent sample believed to be in his region of the country. The task of the regional coordinators was to locate nonrespondents and collect follow-up data from the ones within a 100-mile radius (or a little more). Interviews were generally, but not necessarily, by telephone. A variety of procedures (listed in Table 1-4) were suggested to the regional coordinators for use in locating members of the special sample. Of course not all of these procedures were used for each person to be located; however the regional coordinators did make a conscientious effort, using such of these procedures as seemed appropriate, to locate each nonrespondent. Even so, not all cases were located by the regional coordinator. For the unlocated ones, therefore, the names and last known addresses were sent to Retail Credit Company, who utilized their resources to locate as many as they could of these missing cases from the special sample.

TABLE 1-4. Procedures of Regional Coordinators in locating nonrespondents

1. Check local telephone directory
2. Check with telephone company information operator
3. Check city directories
4. Check with parents or relatives
5. Check with last known (or former) employers
6. Check with former neighbors
7. Check with school last attended
    - A. Guidance counselor
    - B. Teachers
    - C. Alumni office
8. Check with chairman of class reunion committee
9. Check with former classmates still living in community
10. Check with official at church last attended
11. Check with Department of Motor Vehicles
12. Check with banks and/or finance companies
13. Check with department stores
14. Check voter registration records
15. Check with wage tax or personal property tax bureau
16. Check marriage license bureau records
17. Check police department records
18. Other (specify)

Because Project TALENT began with a probability sample of the entire high school population in the spring of 1960, these procedures yielded a sample of respondents and nonrespondents that can be used, through proper weighting and combining of results, to derive essentially unbiased estimates of the results for the entire grade. There may be a small amount of error resulting from the characteristics of nonrespondents who could not be located by any of our procedures. The only serious distortion that is likely to occur, however, is in the case of a category in a tabulation that contains few students, many of whom are in the special nonrespondent sample and therefore are heavily weighted. (More will be said later about the matter of weights.)

Numbers of cases. The last three columns of Table 1-2 show the numbers of TALENT cases for whom five-year follow-up data are available. Both the regular respondents and the respondents in the special sample are included. The first of the three columns with five-year follow-up counts shows the total numbers of cases for whom such follow-up data are available. The overall total (both sexes, four grades) is about 141,000 cases. The last two columns will be discussed in later sections of this chapter.

The top half of Table 1-3, in columns 7-9, shows the numbers of cases for whom five-year follow-up data are available. Corresponding counts for one-year follow-up data are shown in columns 4-6. For both follow-ups separate counts are given for the regular respondents to the mailed questionnaire and for respondents who were in the special sample because they hadn't returned the mailed questionnaire.

The top parts of columns 2 and 3 (Table 1-3) show the numbers of cases selected for the special nonrespondent samples (for the one-year and five-year follow-ups respectively). The bottom half of these columns shows the percentage of nonrespondents to the mailed questionnaire who were selected for the special sample. The tops of columns 5 and 8 show the corresponding numbers of special sample cases that respond to the special questionnaire, and the bottom sections of these columns show the percentages that respond.

Since Table 1-3 is a complicated one, an example of how to read it will be given. Consider the grade 12 five-year follow-up. Of the

81,175 twelfth-grade probability sample cases (column 1), 30,724 (top of column 7) or 37.8 percent (bottom of column 7) responded to the regular mailed questionnaire, leaving 50,451 nonrespondents. Of these nonrespondents, 2074 (top of column 3) or 4.1 percent (bottom of column 3) of the 50,451 nonrespondents were selected for the special sample. Of the 2074 members of the special sample, 1803 (top of column 8), or 86.9 percent (bottom of column 8), were located and their responses obtained. Combining these 1803 "special" respondents with the 30,724 "regular" respondents, we end up with 32,527 twelfth-grade cases (top of column 9) for whom five-year follow-up data is available. These 32,527 cases are 40.1 percent (bottom of column 9) of the original probability sample, 81,175 cases.

Processing the questionnaires. After the questionnaires were returned they were processed by a large corps of coding clerks. To reduce these costs and eliminate a source of possible error, the questionnaire was precoded as much as possible. The only items that had to be coded by the coding clerks were the college and graduate school attended (if any), the job held, and the career planned. (This coding was unavoidable since the alternative of providing check lists of the thousands of colleges and occupations would clearly have been impractical.) The college and occupational codes are sufficiently detailed to allow us to identify particular colleges and very specific occupations. (Since the coding of occupations is such a critical matter further details about this procedure will be given in the next section.) In addition to the coding of colleges, jobs, and career plans, the coding operation required scanning of all items, whether or not they were precoded, to make sure that they could be keypunched easily.

The coded questionnaires were then keypunched and verified, and the data transferred from cards to computer tape. This tape was then edited to correct errors, eliminate illegitimate characters, resolve discrepancies, etc. This edited tape was then merged with the master file tape containing data from the original Project TALENT survey in 1960, and from the one-year follow-up. The merged tape was again edited to resolve variations in student name, ID number, etc. The final result is an updated Project TALENT master file tape containing data from the original assessment, the one-year follow-up, and the five-year follow-up. This updated master file provided the basic set of data for the studies described in this report.

Job codes and career plan codes. For coding responses to questions about jobs held and long-range career plans a very detailed expandable code containing nearly a thousand categories at present, each identified by a four-digit number, was developed.[1] The same code was used in the one-year follow-up as in the five-year follow-up. This code was set up in such a way that if more detail is needed or seems desirable in subsequent follow-ups it will be very easy to add a fifth digit after the present four, without changing what the first four digits represent. In developing the code originally, many sources were referred to, including the code developed by the Department of Labor for use in the Dictionary of Occupational Titles. However it would be well to clarify at the outset that our code is not the same as the Dictionary of Occupational Titles code; that code was developed for an entirely different set of purposes, which it serves admirably. For our purposes in Project TALENT research, however, different emphasis was needed, with far less detail in certain areas and somewhat more in others; hence the need to develop our own coding system. One of the special requirements of the Project TALENT code was that it had to provide the capability of handling incompletely developed career plans; e.g., something as vague as the statement by the respondent that he wants to "work with people"; or perhaps that he wants to "work for the government".

Since the nearly 1000 categories of the four-digit code are far more than can be handled conveniently in most data analyses it was recognized at the outset that some subsequent collapsing of categories would be necessary. Why, then, did we start out with a more detailed code than we were going to want to use in specific research investigations? The answer, of course, is that we wanted to allow maximum flexibility in combining categories later on, to permit different kinds and degrees of condensation of categories for different purposes. And as things turned out, that is exactly what happened; different researchers combined categories in different ways.

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[1] This code, designated Code Q2-cp(4) when it applies to career plans and Q2-jb(4) when it applies to jobs held, is shown in Appendix G-1.

One of the most heavily used ways of combining job or career-field categories is represented by a three-digit coding system which reduces the number of categories from about 1000 down to about 250.[1] This preliminary condensation was carried out on a judgmental basis, as the first step in reducing the number of categories for potential use in educational and career guidance of high school students. Explorations of ways of combining the groups further, on the basis of empirical data, are discussed in Chapters 5 and 6.

Further processing of the data. After the master file tapes containing the five-year follow-up data merged with earlier data have been prepared numerous additional codes, composite scores, and weights, derived from what is already there, are added as the need arises. The three-digit condensed career-plan and job codes[2] derived from the original four-digit codes that had been assigned by the coding clerks in the pre-computer processing are an example of such additional processing, as are other ways of condensing these codes. Two additional processing steps of considerable importance--"purification" of the career-plan groups and and determination of follow-up weights--are discussed below.

"Purifying the career-plan groups." In using the TALENT Battery to predict success in a particular career field, a criterion is needed; but for many career fields five years after high school is a little too soon for prospective entrants even to have finished their training and actually started work in the field. And it is far too soon for them to have been in the field long enough for any criterion of quality of performance to be available. At this stage, then, the only practical

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[1] This code, designated Code Q-2-cp-A when it applies to career plans and Q-2-jb-A when it applies to jobs held, is shown in Appendix G-2, which also shows exactly which categories (i.e., Q2-cp(4) and Q2-jb(4) four-digit code numbers) are combined to form the new condensed categories. Note that these condensed codes, Q-2-cp-A and Q-2-jb-A, are not merely the first three digits of the corresponding four-digit codes.

[2] Codes Q-2--cp-A and Q-2-jb-A, discussed in the previous section.

criterion for many studies on prediction of success in various careers is the "group membership" criterion--i.e. the dichotomous variable indicating whether the person is or isn't actually in the career field in question. Group membership is far from an ideal criterion; and it is certainly not an "ultimate criterion." But in view of the practical realities it is a useful proximal criterion, and has been utilized as such. And as a further acknowledgment of practical realities such as the lengthy training and preparation periods that are required for many careers, the definition of group membership has been expanded to include not only those who have already obtained a job in the career field in question but also those who have realistic plans or expectations of doing so eventually. It is in regard to the matter of whether a person's career plan is reasonably realistic that "purification of career-plan groups" enters the picture. Purified groups are intended for use in analyses where the researcher wants to use a person's long-range career plan as the best indicator of the kind of career group he will actually be in eventually. This being the case, individuals are eliminated from the "purified" groups if their follow-up data makes it extremely unlikely that their career plans will ever be realized--for instance a young man who says he wants to be a doctor but who five years after high school hasn't even entered college yet and apparently doesn't plan to.

The "purification" of career-plan groups, as indicated above, was intended for use in specific kinds of research. These groups were not intended to replace the complete groups (of those who say they are planning to go into some particular career field) in all cases. For example, they would generally be inappropriate in studies of the stability of career plans, or the realism of career plans. One can't very well compare young men with realistic plans and those with unrealistic plans, for instance, if one systematically eliminates unrealistic ones before starting!

The purification process differs for each career-plan category. In general, the more stringent the entry requirements into a career field, the more stringent the purification process. For career fields to which there seems to be no well-defined entry route and for which there are few or no training requirements, no purifying of the groups seemed appropriate; for such groups, all persons who claim to have that career plan are automatically in the purified group. Objective rules, set up on the basis of project staff consensus, were used in the purification process. Execution of the rules was handled by computer, thus assuring objectivity in the elimination of cases to create purified groups. The objective rules that were set up represent a compromise between having as few false negatives as possible and keeping the number of false positives low. (By "false negative" is meant a case that is eliminated that really will eventually go into the indicated career field; a "false positive" is a case retained in the purified group who will not go into the indicated career field.)

Table 1-5 shows the numbers of cases, by grade and sex, in each career-plan group. In the columns with the heading "Total" are all cases, irrespective of whether they are in the purified group or not; the columns headed "In" show the numbers of cases in the purified groups; the columns headed "Out" show the number of cases eliminated from the purified group. It should be emphasized that these eliminated cases have not been eliminated from the general group for that career plan, but only from the purified group. They are still available for inclusion in career plan groups in kinds of research where use of purified groups is inappropriate.

Weighting cases appropriately. As was implied earlier in this chapter, assignment of appropriate weights is a crucial step in data analyses the results of which are supposed to be accurate estimates of numbers of cases or percentage of cases in specified categories in the corresponding segment of the national population. In other words to get good normative data each case must be weighted appropriately. For many other kinds of analyses, where what is sought is relational data, and the answers to questions about relationships between various variables, weighting cases differentially is of far less importance and in some cases probably quite undesirable. Correlation matrices are an example of kinds of data analysis in which the use of unweighted data is generally quite satisfactory.

For cases for which differential weights are important, however, it is important to use weights that have been computed properly to give appropriate extra weight to the special sample of nonrespondents.

TABLE 1-5. No. of Grade 10, 11, and 12 cases in each career-plan category five years after high school; classified by grade, sex, and whether in purified group.

Cases with 5-yr. follow-up data and complete 1960 data only.

No. of cases***

Career Plan Code Q-2-cp-A	Career Plan**	Grade 10						Grade 11						Grade 12					
		Male			Female			Male			Female			Male			Female		
		In*	Out*	Total	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total
000	No answer	-	643	643	-	1167	1167	-	480	480	-	888	888	-	448	448	-	782	782
001	Undecided	812	-	812	233	-	233	734	-	734	166	-	166	803	-	803	262	-	262
010	Housewife	-	9	9	5815	-	5815	-	3	3	6168	-	6168	-	1	1	4695	-	4695
020	No job at all	8	-	8	29	-	29	2	-	2	4	-	4	5	-	5	14	-	14
101	Executive (NEC)	29	-	29	3	-	3	59	-	59	2	-	2	43	-	43	2	-	2
102	Foreman (NEC)	110	-	110	5	-	5	103	-	103	2	-	2	49	-	49	3	-	3
111	Work for govt.(NEC)	72	-	72	23	-	23	49	-	49	31	-	31	52	-	52	30		30
112	In business for self,NEC	278	-	278	29	-	29	255	-	255	33	-	33	278	-	278	18	-	18
120	Industry,business,NEC	98	-	98	17	-	17	161	-	161	26	-	26	141	-	141	35	-	35
121	Retail (NEC)	16	-	16	3	-	3	22	-	22	2	-	2	33	-	33	7	-	7
122	Transportation (NEC)	29	-	29	9	-	9	16	-	16	6	-	6	27	-	27	5	-	5
123	Real estate (NEC)	5	-	5	2	-	2	9	-	9	5	-	5	17	-	17	2	-	2
124	Insurance (NEC)	24	-	24	4	-	4	24	-	24	7	-	7	35	-	35	13	-	13
125	Electronics (NEC)	56	-	56	4	-	4	113	-	113	2	-	2	156	-	156	3	-	3
129	Other specific indus,NEC	3	-	3	1	-	1	0	-	0	0	-	0	0	-	0	0	-	0
131	Organized labor (NEC)	2	-	2	-	-	-	0	-	0	0	-	0	0	-	0	0	-	0
140	Work with people(NEC)	4	-	4	7	-	7	0	-	0	2	-	2	2	-	2	8	-	8
141	Work with children(NEC)	-	-	-	6	-	6	1	-	1	7	-	7	2	-	2	14	-	14
150	Research (NEC)	3	-	3	-	-	-	7	-	7	1	-	1	9	-	9	6	-	6
211	Mathematician	52	1	53	6	2	8	42	3	45	20	2	22	46	2	48	8	1	9
212	Statistics(non-math)	11	0	11	3	0	3	10	0	10	0	0	0	14	0	14	5	0	5
221	Syst.analyst(comput)	66	2	68	15	1	16	56	1	57	14	0	14	42	0	42	8	0	8
222	Computer programer	173	25	198	73	5	78	173	4	177	53	0	53	121	5	126	45	2	47
229	" specialist (NEC)	30	1	31	7	0	7	38	1	39	4	0	4	20	0	20	7	0	7
230	Sci. or phys. sci(NEC)	15	2	17	5	0	5	16	5	21	3	3	6	18	9	27	1	0	1
231	Chemist	95	10	105	18	0	18	93	13	106	15	0	15	81	10	91	25	0	25
232	Physicist	52	3	55	0	0	0	53	4	57	1	0	1	64	3	67	1	0	1
233	Astronomer	1	0	1	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0
234	Geologist	19	1	20	0	0	0	22	3	25	0	0	0	17	2	19	2	0	2
235	Meteorologist	7	0	7	0	0	0	5	5	10	1	0	1	10	2	12	1	1	2
240	Engineer (NEC)	236	73	309	1	1	2	248	76	324	0	0	0	167	56	223	1	0	1
241	Civil/hydraul.engin.	82	21	103	0	0	0	97	30	127	0	1	1	105	28	133	2	0	2
242	Elec. engin.	236	79	315	0	0	0	234	89	323	0	0	0	243	68	311	1	0	1

TABLE 1-5 (continued)

Code	Grade 10						Grade 11						Grade 12					
	Male			Female			Male			Female			Male			Female		
Q-2-cp-A	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total
243 Mech.or auto engin.	136	39	175	1	0	1	139	31	170	0	0	0	143	42	185	0	1	1
244 Aeronautical engin.	31	10	41	1	0	1	40	4	44	0	1	1	37	5	42	0	0	0
245 Chemical engin.	51	6	57	1	0	1	48	7	55	0	0	0	58	7	65	2	0	2
250 Architect	68	16	84	2	0	2	64	12	76	1	3	4	58	14	72	0	0	0
299 Phys.sci.asst.techcn.	84	2	86	13	3	16	100	0	100	29	1	30	78	1	79	23	2	25
310 Biologists	44	6	50	18	1	19	48	3	51	20	1	21	32	4	36	14	1	15
313 Agricultural sci.	28	2	30	2	0	2	33	1	34	1	0	1	35	3	38	1	0	1
314 Wild life,conserv.etc.	45	13	58	1	1	2	43	4	47	0	0	0	49	8	57	2	0	2
315 Pharmacologist	0	0	0	1	0	1	3	0	3	4	0	4	8	0	8	2	0	2
316 Microbiologist	14	2	16	11	0	11	9	0	9	13	1	14	15	0	15	15	1	16
317 Biochemist	10	1	11	6	0	6	10	1	11	8	0	8	9	3	12	7	0	7
319 Other clinical sci.	9	0	9	4	3	7	6	1	7	3	1	4	8	1	9	8	0	8
321 MD: Gen. pract.	8	3	11	0	2	2	5	1	6	0	0	0	8	1	9	0	0	0
322 " Surgeon	4	1	5	0	0	0	8	1	9	0	0	0	14	2	16	0	0	0
323 " Psychiatrist	12	3	15	2	2	4	5	0	5	1	0	1	3	0	3	0	1	1
324 " Research	4	0	4	1	1	2	0	2	2	0	0	0	6	3	9	1	3	4
329 MD (NEC)	176	45	221	24	9	33	186	37	223	8	6	14	229	39	268	19	5	24
331 Osteopath	0	4	4	0	0	0	2	3	5	0	0	0	7	8	15	0	0	0
332 Dentist	71	20	91	0	1	1	92	16	108	0	2	2	97	17	114	0	0	0
333 Veterinarian	26	12	38	2	1	3	30	6	36	2	2	4	20	11	31	4	1	5
335 Pharmacist	74	1	75	16	1	17	89	1	90	14	1	15	91	4	95	16	2	18
336 Optometrist	9	6	15	0	0	0	14	6	20	0	0	0	4	3	7	0	0	0
337 Grad. nurse (RN)	10	6	16	595	85	680	8	4	12	591	76	667	5	0	5	703	78	781
339 Optician	5	0	5	0	0	0	2	0	2	0	0	0	2	0	2	1	0	1
341 Dental hygienist	0	0	0	27	3	30	0	0	0	32	0	32	0	0	0	28	1	29
342 Podiatrist	6	1	7	0	0	0	7	2	9	0	0	0	5	1	6	0	0	0
343 Physical therapist	12	2	14	17	2	19	4	0	4	16	0	16	11	1	12	16	0	16
344 Occup. therapist	0	0	0	6	0	6	0	0	0	13	1	14	0	1	1	13	1	14
345 Chiropractor	6	0	6	0	0	0	11	0	11	1	0	1	10	0	10	0	0	0
346 Therapist (NEC)	9	0	9	23	2	25	7	0	7	15	0	15	8	0	8	19	0	19
347 Med.&dent.technol.(NEC)	20	0	20	73	1	74	15	1	16	93	2	95	16	0	16	101	6	107
348 " " technic.(NEC)	32	1	33	102	3	105	31	1	32	138	1	139	27	0	27	134	9	143
349 Biol. res. assistant	5	-	5	8	-	8	2	-	2	5	-	5	0	-	0	0	-	0
350 Hospital admin.	14	1	15	0	2	2	13	0	13	1	0	1	11	0	11	1	1	2
360 Psychologist	94	16	110	50	12	62	94	20	114	47	20	67	106	15	121	37	20	57
361 Psychoanalyst(non-MD)	0	0	0	1	0	1	0	0	0	0	1	1	0	0	0	0	1	1
369 Psych. res. assistant	4	0	4	6	2	8	2	0	2	3	0	3	5	0	5	2	0	2
370 Social work	66	7	73	199	23	222	65	4	69	177	16	193	60	10	70	190	15	205
371 Psychiatric soc.work	8	0	8	9	0	9	5	0	5	12	0	12	9	0	9	18	0	18
372 Couns.,guid,(non-psych)	16	0	16	18	2	20	10	0	10	12	1	13	12	2	14	16	1	17
373 Voc.,ed " (" ")	33	2	35	38	2	40	42	1	43	40	1	41	23	1	24	32	0	32
374 Marriage counselor	1	0	1	-	-	-	0	0	0	1	0	1	1	0	1	1	0	1
381 Historian	1	1	2	2	0	2	1	0	1	1	1	2	2	0	2	1	1	2

TABLE 1-5 (continued)

Code Q-2-cp-A	Grade 10						Grade 11						Grade 12					
	Male			Female			Male			Female			Male			Female		
	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total
382 Economist	29	0	29	4	0	4	32	0	32	2	0	2	23	0	23	4	0	4
383 Sociologist	8	5	13	3	4	7	6	3	9	2	0	2	5	0	5	2	0	2
384 Anthropologist	4	2	6	5	0	5	3	0	3	4	0	4	4	0	4	5	0	5
385 Archeologist	4	0	4	2	0	2	2	0	2	1	0	1	2	2	4	0	0	0
389 Social Sci.(NEC)	33	2	35	10	1	11	31	2	33	6	1	7	21	1	22	7	1	8
391 Politics	8	-	8	2	-	2	16	-	16	5	-	5	2	-	2	2	-	2
392 Foreign service	28	4	32	7	0	7	21	1	22	3	0	3	22	5	27	8	1	9
393 Law	375	83	458	17	8	25	342	63	405	11	3	14	393	51	444	13	1	14
394 Market analyst	22	2	24	6	1	7	15	1	16	3	0	3	10	2	12	1	1	2
397 Public admin.(NEC)	10	1	11	0	1	1	16	0	16	0	0	0	5	0	5	2	0	2
398 City planning (NEC)	19	1	20	5	0	5	21	0	21	3	0	3	12	0	12	1	0	1
399 Law clerk	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
400 Teaching (NEC)	605	18	623	1527	49	1576	478	13	491	1326	47	1373	423	17	440	1194	55	1249
410 " young children	0	0	0	5	0	5	0	0	0	10	0	10	0	0	0	7	2	9
411 " pre-sch. "	0	0	0	26	2	28	0	0	0	30	0	30	0	0	0	37	3	40
412 " elem. sch.	37	1	38	461	14	475	53	2	55	616	12	628	45	5	50	752	21	773
420 " high sch.(NEC)	83	5	88	66	4	70	98	3	101	81	2	83	69	3	72	89	3	92
421 " h.s. math	33	5	38	38	0	38	65	4	69	36	0	36	62	7	69	62	3	65
422 " " science	48	4	52	30	2	32	68	4	72	30	0	30	50	2	52	41	1	42
423 " " soc. stud.	75	3	78	36	4	40	85	8	93	54	1	55	94	9	103	68	4	72
424 " " English	32	4	36	109	0	109	38	0	38	132	5	137	45	5	50	150	6	156
425 " " foreign lang.	15	1	16	33	0	33	14	1	15	46	0	46	10	4	14	58	2	60
426 " " commercial ed.	18	0	18	45	3	48	14	1	15	57	3	60	16	0	16	50	4	54
427 " " home ec.	2	0	2	63	2	65	0	0	0	68	2	70	0	0	0	63	4	67
428 " " indust. ed.	42	3	45	0	0	0	50	3	53	4	1	5	45	4	49	2	0	2
429 " " phys. ed.	50	9	59	40	3	43	57	3	60	59	2	61	57	6	63	44	5	49
431 " art	20	1	21	32	2	34	12	1	13	50	0	50	15	0	15	51	0	51
432 " music	34	0	34	57	2	59	30	1	31	65	2	67	38	0	38	58	0	58
433 " speech (h.s.)	3	0	3	1	0	1	3	0	3	1	0	1	3	0	3	4	0	4
440 " handicapped	12	0	12	56	4	60	12	1	13	70	2	72	18	0	18	60	1	61
441 Speech therapist	3	4	7	23	21	44	1	1	2	39	11	50	7	1	8	40	11	51
450 Sch.admin.(exc.coll.)	22	13	35	4	10	14	45	7	52	5	0	5	43	7	50	9	1	10
460 Coll. faculty (NEC)	178	61	239	85	59	144	214	18	232	107	22	129	179	10	189	90	32	122
461 " " (math)	23	0	23	15	0	15	30	3	33	10	0	10	28	3	31	8	0	8
462 " " (science)	62	4	66	13	0	13	48	2	50	17	0	17	68	2	70	20	1	21
463 " " (soc.sci.)	68	10	78	20	0	20	81	3	84	16	1	17	85	8	93	25	2	27
464 " " (English)	31	4	35	29	2	31	44	2	46	32	1	33	57	3	60	49	5	54
465 " " (for. lang.)	11	0	11	11	0	11	4	0	4	19	0	19	15	1	16	21	2	23
470 " or univ. admin.	14	4	18	4	2	6	13	0	13	4	0	4	8	0	8	2	1	3
481 Educ. research	3	2	5	3	0	3	0	0	0	0	2	2	0	0	0	0	0	0
488 Reading specialist	0	1	1	12	0	12	0	2	2	0	8	8	0	0	0	0	0	0
489 Other educ. "	6	0	6	2	0	2	0	3	3	0	1	1	0	1	1	0	2	2
491 Peace Corps teacher	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0
492 Graduate assistant	2	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
499 Teacher's aide, etc.	2	-	2	5	-	5	0	-	0	3	-	3	0	-	0	1	-	1

TABLE 1-5 (continued)

Code Q-2-cp-A	Grade 10						Grade 11						Grade 12					
	Male			Female			Male			Female			Male			Female		
	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total
511 Librarians, etc	9	0	9	86	7	93	9	0	9	77	9	86	1	0	1	54	27	81
512 Curators, etc.	3	0	3	5	0	5	0	2	2	0	3	3	0	2	2	0	1	1
521 Clergy	155	7	162	5	0	5	177	6	183	7	0	7	176	17	193	8	1	9
522 Monk, brother, nun	4	0	4	16	1	17	7	1	8	29	2	31	16	3	19	46	3	49
523 Religious worker (NEC)	12	0	12	24	1	25	23	1	24	35	0	35	14	2	16	36	2	38
531 Writer (NEC)	30	-	30	20	-	20	21	-	21	28	-	28	24	-	24	31	-	31
532 " of fiction	3	-	3	5	-	5	3	-	3	5	-	5	7	-	7	3	-	3
533 " of non-fiction	3	-	3	11	-	11	5	-	5	5	-	5	8	-	8	5	-	5
534 Journalist, reporter	40	2	42	19	2	21	43	3	46	23	1	24	43	2	45	20	2	22
535 Radio-TV newscaster	4	0	4	3	0	3	7	0	7	1	0	1	4	1	5	0	0	0
536 Publisher	1	0	1	5	0	5	1	0	1	4	0	4	4	1	5	5	0	5
537 Editor	4	0	4	17	0	17	10	0	10	10	0	10	3	0	3	8	1	9
539 Translator, interpr.	6	-	6	13	-	13	7	-	7	13	-	13	9	-	9	9	-	9
541 Fine arts	21	1	22	41	5	46	22	0	22	42	4	46	16	0	16	31	4	35
545 Commercial artist	41	2	43	24	6	30	54	2	56	35	0	35	48	4	52	41	3	44
547 Designer (exc.clothg)	13	0	13	9	0	9	14	0	14	3	0	3	28	0	28	5	0	5
551 Musician	22	2	24	10	1	11	17	2	19	7	0	7	24	0	24	11	1	12
552 Singer	12	0	12	5	0	5	7	1	8	13	0	13	5	2	7	5	0	5
559 Music-related (NEC)	10	-	10	5	-	5	6	-	6	2	-	2	15	-	15	9	-	9
560 Dancer, choreography	2	0	2	13	1	14	2	0	2	12	1	13	1	0	1	14	0	14
571 Acting	8	0	8	6	0	6	11	0	11	8	0	8	8	0	8	6	2	8
572 Theatrical director	8	1	9	1	0	1	5	0	5	2	0	2	5	0	5	1	0	1
575 Theater (NEC)	25	1	26	12	0	12	25	1	26	11	0	11	23	2	25	14	0	14
576 Performer (NEC)	4	0	4	1	0	1	3	0	3	0	0	0	5	0	5	1	0	1
578 Radio, TV announcer	20	1	21	1	0	1	23	1	24	0	0	0	17	0	17	0	0	0
579 Performing arts (NEC)	15	0	15	2	0	2	10	2	12	3	0	3	12	0	12	3	0	3
581 Model	1	-	1	5	-	5	0	-	0	8	-	8	0	-	0	4	-	4
611 Professional athlete	13	3	16	2	0	2	12	1	13	2	0	2	10	1	11	0	0	0
612 " athletics, other	10	0	10	0	0	0	10	0	10	1	0	1	15	1	16	0	0	0
621 Recreation director	9	2	11	7	0	7	14	0	14	8	0	8	18	1	19	12	2	14
622 Camp., scout, etc.	3	0	3	2	0	2	7	0	7	0	0	0	4	1	5	3	0	3
623 Forestry, hunt, fish	27	4	31	0	1	1	22	0	22	0	0	0	19	7	26	1	0	1
631 Farm or ranch owner	87	1	88	1	0	1	123	3	126	3	1	4	128	0	128	1	0	1
632 " " " manager	14	0	14	0	0	0	8	0	8	0	0	0	8	0	8	0	0	0
639 Farming (NEC)	235	10	245	2	1	3	204	7	211	4	1	5	244	16	260	6	1	7
641 US armed forces:enlis.	40	-	40	1	-	1	27	-	27	1	-	1	13	-	13	0	-	0
642 " " " officer	76	-	76	3	-	3	111	-	111	1	-	1	108	-	108	1	-	1
640 " " " **	39	-	39	0	-	0	51	-	51	0	-	0	54	-	54	1	-	1
650 Mil.intell.,CIA,etc.	20	1	21	1	0	1	15	0	15	0	0	0	21	3	24	0	2	2
661 Police (public)	201	-	201	6	-	6	188	-	188	5	-	5	151	-	151	1	-	1
666 Fireman	54	-	54	1	-	1	48	-	48	0	-	0	41	-	41	0	-	0
669 Other protective	14	-	14	0	-	0	19	-	19	1	-	1	22	-	22	0	-	0
711 Banking, finance	153	-	153	21	-	21	180	-	180	16	-	16	179	-	179	34	-	34

**Rank unspecified.

TABLE 1-5 (continued)

Code Q-2-cp-A	Grade 10						Grade 11						Grade 12					
	Male			Female			Male			Female			Male			Female		
	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total
712 Investment consultant	16	1	17	2	0	2	15	0	15	1	0	1	11	0	11	2	0	2
716 CPA	281	44	325	18	6	24	167	0	167	8	0	8	280	0	280	25	0	25
717 Accountant (other)	190	14	204	48	1	49	329	7	336	87	8	95	202	8	210	50	4	54
721 Purchasing	38	0	38	5	0	5	40	2	42	3	0	3	25	1	26	4	1	5
722 Buyer (for retail)	24	0	24	25	0	25	10	2	12	27	1	28	22	0	22	24	0	24
723 Production mgmt, etc.	100	4	104	0	0	0	130	4	134	1	0	1	111	2	113	0	0	0
724 Advertising	50	6	56	22	0	22	30	1	31	23	0	23	40	1	41	32	0	32
725 Public relations	46	9	55	25	3	28	44	1	45	17	0	17	31	2	33	16	1	17
726 Personnel admin.	106	15	121	17	10	27	72	12	84	21	4	25	81	8	89	25	11	36
727 Appraiser, etc.	43	1	44	10	0	10	35	1	36	16	0	16	36	1	37	13	0	13
728 Loan/credit investig.	25	1	26	19	0	19	27	0	27	2	0	2	29	0	29	11	0	11
730 Business mgmt.	557	26	583	30	0	30	514	22	536	26	0	26	511	23	534	19	1	20
731 Mfg. mgmt.	85	2	87	3	0	3	55	1	56	1	0	1	95	3	98	0	0	0
732 Trade mgmt,marketing	172	7	179	17	1	18	204	13	217	17	1	18	195	4	199	12	0	12
736 Business agent	1	-	1	1	-	1	0	-	0	0	-	0	1	-	1	0	-	0
738 Supervisor(business)	60	-	60	14	-	14	53	-	53	6	-	6	87	-	87	8	-	8
741 Salesclerk, etc.	30	-	30	21	-	21	27	-	27	36	-	36	23	-	23	34	-	34
742 Routeman	8	-	8	1	-	1	7	-	7	0	-	0	12	-	12	0	-	0
743 Stockbroker	29	5	34	1	0	1	17	1	18	2	0	2	23	4	27	4	0	4
744 Securities dealer	6	0	6	0	0	0	7	0	7	0	0	0	3	0	3	0	0	0
745 Real estate salesman	31	5	36	10	0	10	24	0	24	5	0	5	26	3	29	6	0	6
746 Insurance "	68	0	68	4	0	4	69	0	69	6	0	6	61	0	61	5	0	5
747 Auto "	11	-	11	0	-	0	11	-	11	0	-	0	22	-	22	0	-	0
748 Salesman (NEC)	284	-	284	7	-	7	327	-	327	15	-	15	350	-	350	13	-	13
749 Sales manager	107	3	110	8	0	8	63	3	66	1	0	1	73	2	75	2	0	2
751 Bookkeeper	22	1	23	96	2	98	12	1	13	100	2	102	10	0	10	131	7	138
752 Teller or bank clerk	7	1	8	24	2	26	3	0	3	32	0	32	6	0	6	37	0	37
753 Cashier	2	0	2	12	0	12	0	0	0	6	0	6	0	0	0	17	0	17
755 Misc.recordg.,comput.	12	1	13	47	2	49	13	0	13	46	1	47	27	0	27	64	0	64
756 Keypunch operator	1	0	1	62	4	66	2	0	2	69	1	70	2	0	2	83	4	87
757 " supervisor	1	0	1	7	0	7	0	0	0	3	0	3	0	0	0	4	0	4
758 Computer oper.,EAM	88	17	105	45	6	51	97	3	100	57	4	61	78	13	91	65	7	72
761 Secretary (NEC)	1	0	1	617	31	648	5	0	5	851	29	880	3	0	3	997	36	1033
762 Sec.-bookkeeper	0	0	0	18	0	18	0	0	0	26	1	27	0	0	0	23	0	23
763 Med/dental secretary	0	0	0	34	2	36	0	0	0	39	2	41	0	0	0	47	2	49
764 Legal secretary	0	0	0	45	0	45	0	0	0	45	1	46	0	0	0	61	5	66
765 Stenog,court reporter	5	1	6	48	2	50	4	0	4	48	2	50	2	1	3	69	4	73
766 Typist, clerk-typist	4	0	4	79	6	85	5	0	5	68	2	70	2	0	2	103	5	108
768 Proofreader	0	-	0	1	-	1	0	-	0	1	-	1	0	-	0	2	-	2
769 Clerk (NEC)	23	-	23	104	-	104	23	-	23	99	-	99	24	-	24	137	-	137
771 Office supervisor	12	-	12	16	-	16	6	-	6	18	-	18	3	-	3	14	-	14
772 Officer manager	27	-	27	16	-	16	21	-	21	14	-	14	28	-	28	5	-	5
781 Phone/PBX operator	1	0	1	30	1	31	0	0	0	21	2	23	0	0	0	45	1	46
789 Other public contact	16	-	16	33	-	33	10	-	10	38	-	38	14	-	14	58	-	58

TABLE 1-5 (continued)

Code Q-2-cp-A	Grade 10						Grade 11						Grade 12					
	Male			Female			Male			Female			Male			Female		
	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total
791 Radio/telegraph oper.	13	0	13	5	0	5	16	0	16	6	0	6	14	0	14	4	0	4
796 Mail carrier	18	-	18	1	-	1	20	-	20	1	-	1	0	-	0	0	-	0
797 Clerical (NEC)	103	-	103	32	-	32	108	-	108	25	-	25	112	-	112	12	-	12
798 Administrative (NEC)	48	1	49	16	0	16	59	2	61	14	0	14	38	2	40	17	0	17
810 Electrician (NEC)	233	13	246	6	0	6	211	7	218	2	0	2	168	8	176	0	0	0
811 Electronic Technicn.	250	6	256	2	0	2	258	3	261	2	0	2	212	4	216	1	0	1
812 Applicance repair	47	4	51	0	0	0	51	2	53	0	0	0	55	6	61	1	0	1
813 Install/repair phones	57	0	57	0	0	0	53	0	53	0	0	0	39	0	39	0	0	0
814 Service computers,etc	42	4	46	1	0	1	40	0	40	0	0	0	32	2	34	0	0	0
820 Mechanic (NEC)	133	6	139	1	0	1	133	9	142	0	0	0	116	2	118	0	0	0
821 Auto mechanic	84	2	86	0	0	0	112	4	116	0	0	0	74	4	78	0	0	0
822 Airplane "	89	5	94	1	0	1	101	3	104	0	0	0	68	2	70	0	0	0
823 Office machine repair	20	1	21	0	0	0	14	0	14	0	0	0	17	0	17	0	0	0
824 Indus. "	16	0	16	0	0	0	28	2	30	1	0	1	21	0	21	0	0	0
825 Repair small mech.obj	4	0	4	0	0	0	6	0	6	1	0	1	4	0	4	0	0	0
828 Machinist	228	6	234	1	0	1	276	3	279	0	0	0	176	6	182	1	0	1
831 Cabinet maker	6	0	6	0	0	0	11	0	11	0	0	0	13	0	13	0	0	0
832 Carpenter	62	1	63	1	0	1	63	1	64	0	0	0	55	1	56	0	0	0
833 Metal trades	114	6	120	0	0	0	119	3	122	0	0	0	92	1	93	2	0	2
834 Bldg. trades (NEC)	67	1	68	0	0	0	66	2	68	0	0	0	62	3	65	0	0	0
835 Plumber, pipefitter	71	3	74	0	0	0	81	0	81	0	0	0	72	2	74	0	0	0
836 Roadbldg., earthmvg.	30	2	32	0	0	0	42	1	43	0	0	0	47	4	51	0	0	0
837 Misc.bldg. & constr.	76	5	81	1	0	1	43	1	44	1	0	1	71	3	74	0	0	0
838 Mine, quarry, drill	16	1	17	1	0	1	12	0	12	0	0	0	16	0	16	0	0	0
841 Airplane pilot	177	14	191	1	0	1	164	3	167	0	0	0	99	10	109	0	0	0
842 Flight engineer	1	0	1	0	0	0	3	0	3	0	0	0	5	0	5	0	0	0
843 Airplane navigator	3	0	3	0	0	0	10	0	10	0	0	0	5	1	6	0	0	0
847 Astronaut	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
848 Air traffic control	13	0	13	0	0	0	10	0	10	1	0	1	13	0	13	0	0	0
851 Merchant marine	6	-	6	0	-	0	14	-	14	0	-	0	10	-	10	0	-	0
852 Railroad occupations	11	1	12	0	0	0	22	0	22	0	0	0	10	0	10	0	0	0
853 Auto,bus,truck driv.	104	-	104	0	-	0	91	-	91	2	-	2	85	-	85	0	-	0
861 Printing trades	81	2	83	4	0	4	104	1	105	5	0	5	106	1	107	6	0	6
863 Surveyor	23	0	23	0	0	0	20	0	20	0	0	0	27	2	29	0	0	0
864 Draftsman	132	7	139	8	1	9	134	5	139	4	1	5	140	8	148	4	0	4
865 Photography	46	0	46	8	1	9	37	1	38	11	1	12	39	1	40	4	0	4
866 Interior decoration	9	1	10	39	11	50	8	1	9	31	3	34	5	0	5	21	7	28
867 Landscape architect	3	1	4	0	0	0	9	0	9	0	0	0	13	0	13	2	0	2
868 Fashion trades	11	0	11	31	5	36	3	0	3	41	0	41	14	0	14	50	3	53
871 Dietitian	0	0	0	10	0	10	0	0	0	17	3	20	2	1	3	22	2	24
872 Home ec. (NEC)	0	0	0	29	3	32	0	0	0	35	0	35	0	0	0	30	2	32
873 Airline steward(ess)	0	0	0	8	2	10	0	0	0	23	3	26	0	0	0	13	3	16
881 Food & beverage prep.	32	0	32	6	2	8	20	1	21	8	0	8	28	0	28	5	1	6
885 Butcher, meat cutter	23	0	23	0	0	0	35	0	35	0	0	0	23	0	23	0	0	0

TABLE 1-5 (continued)

Code Q-2-cp-A	Grade 10						Grade 11						Grade 12					
	Male			Female			Male			Female			Male			Female		
	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total	In*	Out*	Total
891 Misc. services	13	0	13	19	0	19	8	0	8	23	0	23	12	1	13	28	1	29
892 Barber	24	4	28	0	1	1	29	1	30	1	0	1	41	5	46	1	1	2
893 Hairdresser, etc.	14	0	14	199	20	219	18	3	21	201	14	215	15	1	16	196	30	226
894 Practical nurse	0	0	0	139	14	153	1	0	1	168	9	177	0	0	0	118	17	135
895 Nurses' aide, etc.	7	0	7	29	3	32	6	1	7	17	2	19	8	0	8	23	3	26
896 Domestic service	1	-	1	1	-	1	0	-	0	0	-	0	0	-	0	4	-	4
899 General labor	336	-	336	58	-	58	314	-	314	62	-	62	277	-	277	76	-	76
950 Miscellaneous	-	268	268	-	89	89	-	266	266	-	159	159	-	247	247	-	227	227
980 Invalid codes	-	2	2	-	12	12	-	0	0	-	0	0	-	0	0	-	0	0
990 Other unusable ans.	-	83	83	-	26	26	-	83	83	-	48	48	-	98	98	-	64	64
TOTALS	12903	2008	14911	13222	1835	15057	13011	1559	14570	13934	1489	15423	12554	1569	14123	13089	1614	14703

* "In" means included in "purified" career plan category.
"Out" means not included in "purified" career plan category.

** NEC = Not elsewhere classified.

*** No. of cases: Distinction between zero (0) and dash (-).
Dash indicates a category that is impossible by definition.
Zero indicates a possible category, that happens to have nobody in it.

The regular weights for use with the 1960 data when no follow-up data are being used are described elsewhere, under the designation "Weight A" (Shaycoft et al., 1963, Chapter II; Flanagan et al., 1964, Chapter 2). When these weights are applied to the 1960 data, the resultant frequencies and percentages should give a good approximation of corresponding segments of the national population. To achieve the same end when follow-up data are involved, special follow-up weights are required. For regular respondents to the mailed questionnaire, the follow-up weight is generally identical to Weight A. For cases in the special nonrespondent sample, however, it must be much larger, since each nonrespondent in the special sample represents many nonrespondents who were not selected. For instance if 4.2 percent of the nonrespondents are selected for the special sample, to get the appropriate follow-up weights for these cases Weight A must be multiplied by the reciprocal of .042. Among the five-year follow-ups of special samples the only exception to this procedure occurs for grade 11. It is indicated in Table 1-3 (in the third footnote) that for grade 11 a "stratified sample" was used. This was a special procedure, used only for the grade 11 five-year follow-up; the purpose was to maximize the number of cases with five-year follow-up data for whom one-year follow-up data were also available. Among the nonrespondents to the regular mailed questionnaire for the grade 11 five-year follow-up, all of the ones who had been in the special sample for the one-year follow-up were selected for the five-year special sample. These were the "Stratum 1" cases, and their five-year follow-up weights were the same as Weight A. These cases were supplemented by 2.5 percent of the nonrespondents to the five-year questionnaire who had been regular respondents to the one-year questionnaire. The five-year follow-up weights for these special sample cases, therefore, were equal to Weight A multiplied by the reciprocal of .025. These were the "Stratum 2" members of the special sample.

For this grade special weights are available for use in studies which investigate the relationship between one-year and five-year responses to specific questions, and therefore can use only cases for which both one-year and five-year follow-up data are available. For such cases from the grade 11 sample, Stratum 1 follow-up cases have joint one-year five-year weights equal to Weight A; the Stratum 2 cases have joint weights equal to Weight A divided by the product of .025 and the sampling ratio used for the special sample in the one-year follow-up.

A Few Words about This Report

This report presents some of the results of the five-year follow-up. Because of the great volume of follow-up data in this project, and the delays inherent in coding and keypunching responses to the follow-up questionnaires, not all of the merged tape files are complete. Therefore this report emphasizes the 12th-grade and 11th-grade results (since these were ready soonest and therefore have been used the most heavily), and to a lesser extent the 10th-grade results.

Some hints about the tables. The purpose of this final section of the chapter is to provide a few guidelines to readers which they may find useful in reading the rest of the report, and particularly in looking at the tables.

The 109 variables. The reader will find many references throughout the report to "109 variables" and many tables that are stated to be based on 109 variables, or perhaps on 64 cognitive variables or 45 noncognitive variables. In all such references the same 109 TALENT variables are involved. Which variables they are is shown in Appendix F-1.

Complete cases. The reader will also find references in the report to "complete cases" or cases with "complete 1960 data." By this is meant five-year follow-up cases for whom scores are available on the 109 variables mentioned above and who also provided responses to specified additional Student Information Blank items. See Appendix F-2.

Weighting. In most cases if a table is based on weighted data this will be explicitly stated. Unless there is some indication to the contrary, wherever the statement is made that weighted data have been used this may safely be assumed to mean that each case has been weighted in such a way that the results should reconstitute the corresponding segment of the national population. Wherever the statement is made that unweighted data have been used, it means that all cases have been weighted uniformly. This also may be generally assumed where no explicit statement has been made about weighting. Weighted data, incidentally, are always based on probability sample cases only, since all other cases have weights of zero.

Job and career plan codes. In most tables the specific set of codes used (e.g. Q-2-cp-A) is identified. Where a three-digit code appears without such identification it is generally safe to assume, unless the context suggests otherwise, that the groups are coded in accordance with Q-2-cp-A (if career plans are involved) or Q-2-jb-A (if jobs are involved). Both of these code series are shown in Appendix G-2. In some tables where data are presented for purified career plan groups, all cases eliminated from the purified groups have been combined with the "No Answer" group (code 000) to form a miscellaneous group usually designated by three dashes (---). In some cases this miscellaneous group is still designated 000 (which is the way it appeared on printouts). Likewise in some tables small career-plan groups (e.g. groups with fewer than nine or ten cases) lose their separate identity and are combined with the miscellaneous (code ---) group (sometimes printed as 000).

Identifying the groups of cases used in tabulations. If the reader is in doubt as to whether a particular table applies to purified career plan groups or to total groups, he is advised to compare the numbers of cases with those shown in Table 1-5 or Table 1-2. These tables should be similarly helpful in cases where there is some doubt in the reader's mind as to whether a table is based on "complete cases" only. Likewise a comparison with Tables 1-2 and 1-3 should help resolve any questions about whether a particular table is based on probability sample cases or all cases--although, of course, such questions should arise very seldom since in most cases table headings and footnotes make it quite clear when tables are based on restricted sets of cases such as "complete cases only" or "purified career-plan groups only" or "probability sample cases only".

The Appendices. The appendices are in two sections--Appendix I, which is at the back of this volume, and Appendix II, a very large set of tables which is separately bound. Appendix I, in this volume, contains a great many "sub-appendices": Appendix A through Appendix O. The reader who has this volume at hand but not Appendix II and wants some idea of what is in that separate volume so that he will know whether he wants to look at it, is referred to Appendix O at the back of this book. There he will find an outline of the contents of the Appendix II volume.

Chapter 2. EDUCATIONAL OUTCOMES

John G. Claudy

During the first five years after a student leaves high school much of his time may be devoted to obtaining the further education and training which he feels is necessary to prepare himself for the future. These educational experiences can come from a wide range of sources which extend from on-the-job training through technical schools to colleges or universities. It is the purpose of this chapter to examine the post-high-school educational attainments of persons who are five years out of high school.

The sample consisted of the more than 35,000 persons who were high school seniors in 1960 and who responded to the follow-up survey conducted five years after their class graduated from high school. There were about 1000 more females than males. Since it could not be assumed that these 35,000 respondents constituted a random sample of all 1960 seniors, their responses were appropriately weighted to produce estimates for the entire 1960 senior population. Thus all the statistics reported here are population estimates.

Previous studies using the Project TALENT one-year follow-up data (Schoenfeldt, 1966) indicated that academic aptitude and socioeconomic status are strongly related to the sort of education and training a student will have entered into one year after high school. Therefore the influence of these variables is also examined here. The measure of academic aptitude used is an _a priori_ weighted composite derived from the Project TALENT tests (Flanagan, Davis, Dailey, Shaycoft, Orr, Goldberg, & Neyman, 1964, p. B-8). The socioeconomic status index was calculated from information supplied by the students and is based on such items as: value of home, family income, parents' education, goods in the home, etc. (Flanagan & Cooley, 1966, p. E-1; Shaycoft, 1967, Appendix E).

Table 2-1 presents the highest level of education obtained by males and females from each of the academic aptitude and socioeconomic status quarters. Since this table applies only to the highest level of education obtained, a student who, for example, had both a two-year college degree and a bachelor's

TABLE 2-1. Percentage distribution of highest level of education completed within five years of high school, by 12th-graders, classified by sex, academic aptitude, and socioeconomic status*

Highest Level Completed**		Academic Aptitude****				Socioeconomic Status****				
		Lowest Quarter	Second Quarter	Third Quarter	Highest Quarter	Lowest Quarter	Second Quarter	Third Quarter	Highest Quarter	Total
Didn't graduate from high school	Males	2.0	.7	.7	.3	2.3	.4	.1	.7	.9
	Females	1.5	.4	.0	.0	1.4	.6	.1	.7	.6
Graduated, no further education	Males	44.5	22.8	10.0	4.2	40.2	22.5	12.6	6.3	21.3
	Females	57.5	48.0	34.1	13.7	58.6	45.1	27.3	13.0	38.3
Technical or occupational training	Males	31.3	31.8	16.3	4.6	28.5	25.7	19.1	7.4	21.0
	Females	23.7	27.6	20.4	11.0	24.4	21.4	24.3	9.9	20.6
Entered college, amount completed unknown	Males	5.2	10.2	10.9	10.2	5.1	9.3	10.7	12.0	9.0
	Females	4.6	5.4	7.1	10.3	3.8	5.7	7.6	10.1	6.7
Some college, no degree, not currently enrolled	Males	8.6	10.7	13.7	8.5	6.7	12.5	12.1	10.6	10.3
	Females	7.7	8.0	12.7	11.1	4.1	11.1	13.3	14.1	10.0
2-year college diploma	Males	1.2	1.6	1.6	1.9	1.1	1.4	2.9	.8	1.5
	Females	.1	1.8	3.4	1.1	.4	1.4	1.6	4.0	1.7
Currently enrolled as undergraduate	Males	4.4	12.5	18.7	18.0	7.5	11.1	14.0	17.8	12.7
	Females	1.5	2.1	4.3	7.7	1.5	3.4	5.0	6.3	3.9
Bachelor's degree	Males	2.0	5.7	14.9	21.7	4.8	10.5	14.5	16.8	11.1
	Females	2.9	4.4	14.0	28.9	4.9	7.8	14.0	28.1	12.5
Some graduate school, no degree, not currently enrolled	Males	.1	.4	3.0	3.6	.9	.7	2.7	3.4	1.8
	Females	.4	1.3	1.3	5.9	.5	1.8	2.7	4.0	2.2
Graduate degree, or currently enrolled in graduate school	Males	.7	3.6	10.2	27.0	2.9	5.9	11.3	24.2	10.4
	Females	.1	1.0	2.7	10.3	.4	1.7	4.2	9.8	3.5
Total	Males	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Females	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total who had entered college	Males	22.2	44.7	73.0	90.9	29.0	51.4	68.2	85.6	56.8
	Females	17.3	24.0	45.5	75.3	15.6	32.9	48.4	76.4	40.5
Total who had graduated from a four-year college***	Males	3.7	12.6	33.0	58.9	10.4	20.9	33.8	51.6	27.7
	Females	4.6	8.6	21.3	49.9	7.7	13.7	24.8	48.3	21.8

* Percentages based on weighted frequencies. The total numbers of cases (unweighted) are 17512 males and 17723 females.

** Each student is counted only once. Thus, for example, a student who had both a two-year college degree and a bachelor's degree would be counted only once as having a bachelor's degree.

*** These estimates were obtained by prorating those cases for whom the exact amount of college completed could not be determined.

**** The academic aptitude composite and the socioeconomic index are the variables referred to as C-002 and P*801 respectively, in TALENT reports.

degree would be counted only once as having a bachelor's degree. In this sample more than 99% of the students had graduated from high school. This is due to the fact that the Project TALENT testing was done in the Spring of 1960 just a few months prior to graduation and by this time most students who were going to drop out would have done so. Thus Table 2-1 may safely be considered as representing the educational attainments of high school graduates.

For both males and females academic aptitude and socioeconomic status are highly related to educational attainments. For amounts of education and training at less than the college level the relationships are negative, while education at the college level is directly related. It is encouraging to note that the relationships are generally stronger for academic aptitude than for socioeconomic status. This is indicated by a greater range, from lowest to highest quarter, in the percentage of students obtaining each level of education. The bottom rows of Table 2-1 present summary data for those entering and those graduating from college within five years after high school graduation.

Table 2-2 presents the same sort of data as Table 2-1, but it is based only on those students who entered college. It is quite interesting to note that while a greater percentage of the males enter college, a greater percentage of the females who enter graduate within five years. This offers no support for the contention that girls only go to college to find a husband. It should be noted that in both Tables 2-1 and 2-2 the estimates of the percentages of persons who graduated from college were obtained by prorating those cases for whom the exact amount of higher education could not be determined. They were prorated in accordance with the proportion who graduated among those whose amount of education was known.

Table 2-1 indicated that 21.0% of the males and 20.6% of the females had received some sort of technical or occupational training after high school. Table 2-3 breaks these persons down according to the specific sort of training they received. Almost half the girls who received this sort of training received it in the secretarial or business area while over one-third of the boys received their training while in military service. What is perhaps most interesting is the fact that almost as many females as males reported they had obtained trade or apprentice training.

TABLE 2-2. Percentage distribution of highest level of education completed within five years of high school, by 12th-graders who entered college, classified by sex, academic aptitude, and socioeconomic status*

Highest Level Completed**		Academic Aptitude****				Socioeconomic Status****				
		Lowest Quarter	Second Quarter	Third Quarter	Highest Quarter	Lowest Quarter	Second Quarter	Third Quarter	Highest Quarter	Total
Entered college, amount completed unknown	Males	23.5	22.7	14.9	11.2	17.5	18.1	15.7	14.0	15.8
	Females	26.4	22.4	15.6	13.6	24.6	17.4	15.8	13.3	16.5
Some college, no degree	Males	38.7	24.0	18.8	9.4	23.3	24.2	17.7	12.4	18.1
	Females	44.3	33.2	27.9	14.8	26.2	33.8	27.4	18.5	24.7
2-year college degree	Males	5.5	3.7	2.2	2.0	4.0	2.7	4.2	.9	2.6
	Females	.7	7.4	7.5	1.4	2.6	4.2	3.4	5.3	4.2
Currently enrolled as undergraduate	Males	19.7	27.9	25.5	19.7	25.8	21.7	20.6	20.8	22.5
	Females	9.0	8.7	9.4	10.2	9.5	10.4	10.3	8.3	9.6
Bachelor's degree	Males	8.8	12.7	20.5	23.9	16.5	20.3	21.3	19.7	19.5
	Females	16.8	18.5	30.9	38.4	31.1	23.6	28.8	36.6	31.0
Some graduate school, no degree	Males	.4	1.0	4.1	4.0	3.0	1.4	4.0	3.9	3.2
	Females	2.2	5.5	2.8	7.9	3.1	5.3	5.6	5.2	5.4
Graduate degree, or currently enrolled in graduate school	Males	3.4	8.0	14.0	29.8	9.9	11.6	16.5	28.3	18.3
	Females	.6	4.3	5.9	13.7	2.9	5.3	8.7	12.8	8.6
Total	Males	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Females	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total who had graduated from a four-year college***	Males	16.5	28.1	45.4	65.0	35.6	40.7	49.6	60.3	48.7
	Females	26.6	36.5	46.9	69.4	49.2	41.4	51.2	63.0	53.9

* Percentages based on weighted frequencies. The total numbers of cases (unweighted) are 17512 males and 17723 females.

** Each student is counted only once. Thus, for example, a student who had both a two-year college degree and a bachelor's degree would be counted only once as having a bachelor's degree.

*** These estimates were obtained by prorating those cases for whom the exact amount of college completed could not be determined.

**** The academic aptitude composite and the socioeconomic index are the variables referred to as C-002 and P*801 respectively, in TALENT reports.

TABLE 2-3. Technical and occupational training received by Project TALENT participants (percentages based on weighted frequencies)

	All students		Students who received training	
	Males	Females	Males	Females
Technical Institute	5.1	1.2	25.1	6.1
Nursing School	0.0	2.8	0.0	14.3
Practical Nursing	0.0	0.8	0.0	4.1
Secretarial or Business	1.2	8.4	5.9	42.9
Trade or Apprentice School	3.8	3.2	18.7	16.3
Armed Forces School	7.1	0.0	35.0	0.0
Other	3.1	3.2	15.3	16.3
Total	20.3	19.6	100.0	100.0

Tables 2-4 and 2-5 are expectancy tables for males and females entering college within five years after leaving high school. Academic aptitude is crossed with socioeconomic status to produce 16 cells per table. As such, these tables are to a certain extent comparable to Schoenfeldt's (1968) Tables 5 and 6 which present probabilities of entering a four-year college within one year after leaving high school. The form of the questionnaire used with the five-year follow-up study did not permit differentiation between students who entered two-year versus four-year colleges. However Combs (Chapter 3 in Flanagan & Cooley, 1966, p. 32) indicates that only 9% of the male and 6% of the female 12th grade Project TALENT participants entered junior or community colleges. Thus, even though Tables 2-4 and 2-5 and Schoenfeldt's Tables 5 and 6 are based on different groups, their comparison should not cause any serious problems.

The most obvious similarity between these tables and Schoenfeldt's tables is the agreement between the trends found therein. Academic aptitude and socioeconomic status, both individually and jointly, are strongly related to a student's probability of entering college. What is most encouraging about Tables 2-4 and 2-5 is that the cell entries are all higher than Schoenfeldt's, some being almost 300% higher. These increases, which are especially striking for high-aptitude low-status males, indicate that during the period between the one-year and five-year follow-ups many additional students entered college.

Tables 2-6 and 2-7 are expectancy tables which present probabilities of graduating from a four-year college within five years after high school. Since graduating from college is dependent upon entering college, the trends found in these tables are very similar to those of Tables 2-4 and 2-5. Quite naturally the cell entries are lower than those found in 2-4 and 2-5, but aptitude and socioeconomic status seem even more strongly related to graduating than they did to entering. The actual strength of this relationship is best presented in Tables 2-8 and 2-9.

Tables 2-8 and 2-9 also present expectancy tables for graduating from college, but they are based only on those students who entered college and not all students in the 12th grade. Here too academic aptitude and socioeconomic status jointly play a major role in influencing who will graduate from college, even after they have to a large degree determined who will enter college. It is to be expected that high aptitude students would have

TABLE 2-4. Probability of a male entering college within five years after high school*

		Socioeconomic Status				
		Lowest Quarter	Second Quarter	Third Quarter	Highest Quarter	Total
Academic Aptitude	Lowest Quarter	.14	.29	.35	.42	.25
	Second Quarter	.34	.45	.47	.76	.48
	Third Quarter	.59	.65	.78	.90	.74
	Highest Quarter	.81	.81	.95	.96	.91
	Total	.32	.53	.69	.86	.58

* The probabilities shown in each cell are based on weighted N's.

TABLE 2-5. Probability of a female entering college within five years after high school*

		Socioeconomic Status				
		Lowest Quarter	Second Quarter	Third Quarter	Highest Quarter	Total
Academic Aptitude	Lowest Quarter	.14	.24	.27	.33	.22
	Second Quarter	.12	.23	.35	.58	.28
	Third Quarter	.22	.38	.74	.78	.49
	Highest Quarter	.47	.65	.72	.95	.77
	Total	.18	.36	.51	.78	.43

* The probabilities shown in each cell are based on weighted N's.

TABLE 2-6. Probability of a male graduating from a four-year college within five years after high school*

		Socioeconomic Status				
		Lowest Quarter	Second Quarter	Third Quarter	Highest Quarter	Total
Academic Aptitude	Lowest Quarter	.03	.07	.05	.16	.05
	Second Quarter	.09	.10	.15	.34	.15
	Third Quarter	.24	.28	.37	.46	.34
	Highest Quarter	.43	.49	.60	.66	.58
	Total	.11	.22	.34	.51	.28

* The probabilities shown in each cell are based on weighted N's.

TABLE 2-7. Probability of a female graduating from a four-year college within five years after high school*

		Socioeconomic Status				
		Lowest Quarter	Second Quarter	Third Quarter	Highest Quarter	Total
Academic Aptitude	Lowest Quarter	.03	.03	.09	.03	.04
	Second Quarter	.04	.06	.07	.20	.08
	Third Quarter	.07	.13	.40	.37	.24
	Highest Quarter	.29	.36	.42	.71	.50
	Total	.06	.12	.27	.46	.21

* The probabilities shown in each cell are based on weighted N's.

TABLE 2-8. Probability of a male who entered college graduating from a four-year college within five years after high school*

		Socioeconomic Status				
		Lowest Quarter	Second Quarter	Third Quarter	Highest Quarter	Total
Academic Aptitude	Lowest Quarter	.17	.25	.15	.39	.17
	Second Quarter	.27	.22	.32	.45	.28
	Third Quarter	.41	.42	.48	.51	.45
	Highest Quarter	.53	.61	.63	.68	.65
	Total	.36	.41	.50	.60	.49

* The probabilities shown in each cell are based on weighted N's.

TABLE 2-9. Probability of a female who entered college graduating from a four-year college within five years after high school*

		Socioeconomic Status				
		Lowest Quarter	Second Quarter	Third Quarter	Highest Quarter	Total
Academic Aptitude	Lowest Quarter	.24	.14	.39	.10	.27
	Second Quarter	.36	.28	.21	.37	.36
	Third Quarter	.39	.36	.55	.78	.47
	Highest Quarter	.66	.59	.61	.75	.69
	Total	.49	.41	.51	.63	.54

* The probabilities shown in each cell are based on weighted N's.

a greater probability of graduating from college than would low aptitude students. However this same relationship, though to a less pronounced degree, is found for socioeconomic status. While there are a few anomalies within the cells, the trend within a given aptitude level indicates that a high status student has a greater probability of graduating than does a low status student. The influence of status seems to increase as one moves from the highest to the lowest aptitude groups.

Considering Tables 2-4 to 2-9 as a whole, it can generally be said that students from the lowest-status highest-aptitude cell are about as likely to enter and graduate from college as are students from the highest-status middle-aptitude cells.

These results are based on students who were seniors in 1960. At that time the junior and community college movement was just getting under way. Since that time both the number of junior colleges and the proportion of students who attend them has shown a large increase, so if Project TALENT were to be repeated now the results would no doubt be somewhat different. The general trends in post-high-school education, however, would probably not be too very different from those reported here. An important implication for current attempts to extend educational opportunities to students from minority groups and low status homes is seen here. It is not enough for them just to get into college. Many of them are able to do this already. The real problem comes in keeping them in college until they graduate. Many of the high aptitude students from these groups are failing to graduate. Special new programs which are adapted and relevant to their requirements are greatly needed. Overall, aptitude is more important than status, but if aptitudes are equal, the high-status student is much better off.

While these results do present a fairly complete picture of educational attainments five years after high school, they should not be considered as representing terminal findings. Eckland (1963) has shown that a substantial proportion of college dropouts later return to school. Also, 12.4% of the males and 3.7% of the females were still enrolled as undergraduates. Many students were seeking graduate degrees and many more will no doubt return to graduate school later. Thus significant changes can be expected to occur when terminal educational attainment is considered. The Project TALENT ten-year follow-up study will provide a much clearer picture of the terminal situation.

Chapter 3. STABILITY OF CAREER PLANS

James M. Richards, Jr.

A major goal of Project TALENT is to achieve a better understanding of the career plans and career development of young people. Results for the one-year follow-up studies threw much light on this problem, suggesting that plans made in high school tend to be unrealistic and unstable (Flanagan, 1966), and that the Project TALENT test battery can provide a basis for a program for helping the high school student to understand better the occupational possibilities that are open to him (Cooley, 1966).

The present chapter and the following chapter extend these analyses to two five-year follow-up studies. Specifically, the occupational plan indicated by 11th and 12th graders in high school will be compared to the follow-up questionnaires. The students in these samples were about 17 and 18 years old respectively at the time of the original Project TALENT assessment, and were approximately 23 years old when the five-year follow-up data were collected. These two chapters will attempt to discuss in an integrated framework the relationships of both the occupational choices of high school students and their scores on the Project TALENT tests to their occupational choices five years after their class graduated from high school.

On the original TALENT questionnaire, these high school students indicated their occupational plan by choosing one of 36 occupations listed as the alternatives for a single item. If a student omitted the item, he was classified into a "no answer" category, so that the total number of possible responses to this item was 37. On the five-year follow-up questionnaires, students wrote in the occupation they planned to make their life work -- regardless of whether they were currently working in that occupation -- in response to a free-response question. Each such response on the follow-up questionnaires was classified by a trained coder into a highly specific occupational category. Some of the analyses reported in the following chapter will deal with these highly specific occupational categories. However, the occupational choices indicated by students were also classified into approximately 79 broader occupational groups representing a somewhat more detailed breakdown of the 36 occupations listed in the occupational choice item of the original questionnaire. For example, students whose occupational choice fell in the categories of "surgeon", "psychiatrist", and "physician, not elsewhere classified", were all combined into the broader occupational group "physician". For the other analyses reported in these two chapters, these 79 occupational groups were classified into the 37 possible responses (36 occupations and "no answer") to the occupational choice item of the original questionnaire as shown in Table 3-1. In doubtful cases, the classification was guided by Holland's (1966a) theory of vocational choice.

In any such classification, there is an element of subjective judgment, and therefore other investigators might change some of the details of this classification. Although the overall classification appears reasonable, there are three particular cases where the probable effects of the classification should be noted. The inclusion of "miscellaneous therapists" in the nurses category tends to increase the number of men in that category. Similarly the inclusion of nuns in "clergyman" increases the number of women in that category. Finally, the inclusion of "teacher, not elsewhere classified" in the "high school teacher" group seems appropriate for men, but may be less appropriate for women. Even if these three cases were classified differently, however, the effect on the overall pattern of results would be minimal. In the one-year follow-up report (Flanagan and Cooley, 1966) a further reduction to 31 occupations was made. A similar reduction was made of the five-year follow-up results for those tables where a comparison with one-year follow-up results is desirable.

The development of career plans for men is summarized for men in Table 3-2 and for women in Table 3-3. In these tables, results for occupational choice in high school and five years beyond high school are based on those students who reported an occupational choice both on the original questionnaire and on the five-year follow-up. Results for occupational choice one-year beyond high school are based, of course, on those students who responded to the one-year follow-up. Results shown in Tables 3-2 and 3-3 are weighted combinations of respondents to the follow-up questionnaires and the special combinations of respondents to the follow-up questionnaires and the special 5% sample of non-respondents. Thus, the results shown in these tables may be interpreted as unbiased estimates of the population values for the relevant grade and sex. Although the large relative weight given to individuals in the 5% non-respondent group introduced a larger sampling error, the consistency and meaningfulness of the results make clear that the patterns and trends in the results were not seriously distorted by the weighting procedure.

As a further check on the accuracy of these data, results for original choice based on the entire 12th grade (Flanagan et al., 1964) are shown in Table 3-4. For both males and females, the overall pattern of choices shown in Table 3-4 is quite consistent with the corresponding pattern shown in Table 3-2 or 3-3. Moreover, for the most part differences in the absolute size of corresponding percentages are small. Therefore, these results provide further evidence that the results shown in Tables 3-2 and 3-3 can be generalized to the entire grade and sex groups with considerable confidence.

For males there are a number of fairly marked shifts in the career plans of young people between high school and five years after graduation of their high school class. In high school, about one boy in five planned a career in engineering, physical science, or biological science. Five years after their class graduated from high school, only about one young man in fifteen was still planning an engineering, physical science, or biological science career. There were also fewer young men planning to be physicians, dentists, and members of the Armed Forces than had chosen those careers in high school. Careers showing notable increases include business fields, office work, and skilled workers.

For girls, the major trend is the large increase in the number choosing housewife as their primary career. In high school, only about one girl in ten planned to be mainly a housewife, but three to four girls in ten chose housewife as their main career at the time of the five-year follow-up. Other shifts for girls appear to be largely indirect reflections of this major trend. It is important to remember that the questionnaire asked what field the student planned to make his or her life work. Therefore, undoubtedly many girls choosing housewife as their life work also expect to be a secretary, teacher, etc. as a secondary occupation. Similarly, there are undoubtedly many girls choosing some other occupation as their life work who also are, or expect to be, housewives.

Comparison of the one-year results with the five-year results suggests that by one year after high school many of the general trends are clear, and a fair proportion of the shifts that will occur by five years after graduation have already occurred. In the ensuing four years, however, there is a continuing decrease in the number of boys choosing engineering and scientific

TABLE 3-1. Fields Included in Occupational Categories

High School Occupational Choice	Occupational Choice Five Years after Graduation
1. No answer	1. Undecided No paid job (N.E.C.)
2. Housewife	2. Housewife
3. Mathematician	3. Mathematician & mathematical statistician Other statistician Computer specialist
4. Physical scientist (chemist, geologist, physicist, astronomer, etc.)	4. Physical scientist
5. Engineer (aeronautical, civil, chemical, mechanical, etc.)	5. Engineer
6. Engineering or scientific aide	6. Engineering or scientific aide Research assistants (Biology or Psychology)
7. Biological scientist (biologist, botanist, physiologist, zoologist, etc.)	7. Biological scientist
8. Physician	8. Physician
9. Dentist	9. Dentist
10. Pharmacist	10. Pharmacist
11. Nurse	11. Graduate nurse Practical nurse, medical aide, etc. Miscellaneous therapists, etc.
12. Medical or dental technician	12. Medical or dental technician Medical or dental technologist Optometrist Optician
13. Social worker	13. Social worker
14. Sociologist or psychologist	14. Sociologist or psychologist Counselor (non-psychologist) Educational researcher or other educational specialist Social scientist (other)

TABLE 3-1 (Cont.)

High School Occupational Choice	Occupational Choice Five Years after Graduation
15. Political scientist or economist	15. Economist Politics, foreign service, etc.
16. Lawyer	16. Lawyer
17. Elementary school teacher	17. Elementary or pre-school teacher Teacher's aide, etc.
18. High school teacher	18. High school teacher Peace Corps teacher Teacher (N.E.C.) School administrator (except college)
19. College professor	19. College professor College or university administrator
20. Clergyman (minister, priest, rabbi, etc.)	20. Clergyman Monk, nun, other religious
21. Writer	21. Writer Editor, translator, publisher, etc.
22. Artist or Entertainer	22. Artist or Entertainer
23. Forester	23. Forester
24. Farmer	24. Farmer
25. Enlisted man in the armed forces	25. Armed forces: enlisted man Armed forces: rank not indicated
26. Armed forces officer	26. Armed forces: officer
27. Policeman or fireman	27. Policeman or fireman Other protective or detective
28. Businessman	28. Businessman or related occupation Purchaser, buyer, etc. Miscellaneous business specialist Efficiency expert, etc. Supervisor, miscellaneous administrator
29. Salesman	29. Salesman Salesclerk
30. Accountant	30. Accountant Bookkeeper Miscellaneous computing, accounting, or recording worker

TABLE 3-1 (Cont.)

High School Occupational Choice	Occupational Choice Five Years after Graduation
31. Secretary, office clerk, or typist	31. Secretary, clerk, or typist Keypunch operator Keypunch supervisor Miscellaneous clerical or public contact worker
32. Craftsman	32. Cabinet maker
33. Skilled worker (electrician, machinist, plumber, printer, etc.)	33. Skilled trades worker, etc. Foreman Transportation worker (land and water)
34. Structural worker (bricklayer, carpenter, printer, paperhanger, etc.)	34. Structural trades worker, mining worker, etc.
35. Airplane pilot	35. Airplane pilot Other skilled jobs in aviation
36. Barber or beautician	36. Barber or beautician
37. Some other occupation different from any above	37. Architect Veterinarian Hospital administrator, etc. Librarian Professional athelete Camping, scouting, playground, etc. worker Mail carrier Other

TABLE 3-2. Development of Career Plans for Males

	Weighted % of 11th Graders Choosing Each Occupation			Weighted % of 12th Graders Choosing Each Occupation		
	In High School	1 Year Beyond High School	5 Years Beyond High School	In High School	1 Year Beyond High School	5 Years Beyond High School
Housewife	0.1	0.1	0.0	0.0	0.3	0.0
Mathematician	1.3	0.5	1.6	1.3	0.5	1.2
Physical Scientist	3.0	1.9	1.0	3.3	1.9	1.1
Engineer	17.5	8.3	5.1	16.6	8.9	4.8
Engineering or scientific aide	1.4	4.5	0.5	0.9	4.5	0.7
Biological Scientist	1.7	1.4	0.7	1.7	1.3	0.6
Physician	3.1	2.2	0.7	2.4	2.6	1.3
Dentist	2.1	1.1	0.7	1.7	1.0	0.7
Pharmacist	1.4	0.5	0.5	1.6	0.7	0.4
Nurse, Miscellaneous Therapist	0.2	0.0	0.6	0.1	0.0	0.2
Medical or Dental Technician	0.3	0.4	0.4	0.3	0.6	0.4
Social Worker	0.5	0.1	0.5	0.6	0.1	0.7
Sociologist or Psychologist	0.4	1.0	0.9	0.5	1.0	1.2
Political Scientist or Economist	0.3	0.6	0.5	0.4	0.7	0.5
Lawyer	2.7	2.6	2.0	3.4	2.7	2.2
Teacher	4.6	7.9	7.1	7.3	8.2	8.3
Clergyman	1.5	1.7	1.2	1.5	1.8	1.2
Writer	0.5	0.4	0.8	0.5	0.7	0.6
Artist or Entertainer	1.6	2.9	1.4	1.9	2.0	1.2
Farmer	3.0	2.6	2.6	3.5	3.4	3.0
Armed Forces	7.3	3.9	1.8	5.6	2.8	1.4
Policeman or Fireman	1.8	1.8	2.0	1.1	1.2	1.8
Businessman	5.0	7.9	14.4	7.2	7.7	12.9
Salesman	1.2	2.6	4.7	0.7	2.2	4.6
Accountant	3.0	3.8	3.2	4.4	3.8	3.2
Secretary, Clerk, Typist	0.3	2.7	1.8	0.5	3.2	2.1
Skilled Worker	7.0	8.9	14.3	7.9	8.2	12.6
Structural Worker	1.4	5.6	3.9	1.8	5.1	4.1
Airplane Pilot	2.3	0.4	1.0	1.3	0.7	0.7
Barber or Beautician	0.6	1.4	0.6	1.2	1.8	0.3
Other, no answer, etc.	23.1	20.3	23.5	18.8	20.4	26.0

TABLE 3-3. Development of Career Plans for Females

	Weighted % of 11th Graders Choosing Each Occupation			Weighted % of 12th Graders Choosing Each Occupation		
	In High School	1 Year Beyond High School	5 Years Beyond High School	In High School	1 Year Beyond High School	5 Years Beyond High School
Housewife	11.4	23.4	45.1	10.7	26.6	38.6
Mathematician	0.8	0.3	0.3	0.4	0.2	0.3
Physical Scientist	0.6	0.2	0.2	0.5	0.3	0.1
Engineer	0.2	0.0	0.1	0.2	0.2	0.1
Engineering or scientific aide	0.0	0.3	0.2	0.0	0.2	0.2
Biological Scientist	1.4	0.3	0.3	0.6	0.2	0.2
Physician	1.2	0.4	0.0	0.6	0.3	0.2
Dentist	0.6	0.0	0.0	0.3	0.0	0.0
Pharmacist	0.4	0.1	0.1	0.6	0.1	0.1
Nurse, Miscellaneous Therapist	10.7	6.6	6.1	10.3	6.2	6.1
Medical or Dental Technician	1.9	2.3	1.3	2.3	2.2	1.2
Social Worker	3.1	0.9	0.7	1.9	1.2	1.4
Sociologist or Psychologist	1.1	0.9	0.8	1.5	0.6	0.8
Political Scientist or Economist	0.1	0.4	0.1	0.3	0.4	0.1
Lawyer	0.7	0.1	0.0	0.4	0.2	0.0
Teacher	15.3	18.3	14.5	17.6	16.4	15.3
Clergyman	0.2	0.5	0.5	0.2	0.8	0.5
Writer	0.7	0.7	0.5	0.7	0.6	0.3
Artist or Entertainer	2.5	2.3	0.6	2.4	2.3	1.0
Farmer	0.4	0.1	0.0	0.1	0.0	0.0
Armed Forces	1.3	0.1	0.0	0.6	0.3	0.0
Policeman or Fireman	0.1	0.1	0.1	0.5	0.0	0.0
Businessman	0.7	1.9	1.5	0.3	1.6	1.7
Salesman	0.5	0.9	0.6	0.5	1.0	0.8
Accountant	2.2	0.7	2.4	2.8	0.6	2.5
Secretary, Clerk, Typist	24.5	23.2	10.8	27.7	23.3	12.0
Skilled Worker	0.0	0.8	0.2	0.2	0.5	0.1
Structural Worker	0.0	0.6	0.0	0.1	0.7	0.0
Airplane Pilot	0.2	0.0	0.0	0.4	0.1	0.0
Barber or Beautician	4.3	6.4	2.1	4.4	5.3	1.8
Other, no answer, etc.	12.9	7.2	10.9	10.9	7.6	14.6

TABLE 3-4*

Career Plans Indicated by Students in Twelfth Grade in 1960

(Weighted Percentages Based on All Twelfth Graders

	Males	Females
Housewife	0.1	10.4
Mathematician	1.3	0.5
Physical Scientist	3.0	0.6
Engineer	17.7	0.2
Engineering or scientific aide	1.0	0.0
Biological Scientist	1.4	0.6
Physician	2.5	0.6
Dentist	1.8	0.2
Pharmacist	1.3	0.4
Nurse	0.2	10.1
Medical or Dental Technician	0.5	2.4
Social Worker	0.8	2.2
Sociologist or Psychologist	0.7	1.4
Political Scientist or Economist	0.5	0.2
Lawyer	3.4	0.4
Elementary School Teacher	0.6	9.5
High School Teacher	5.8	7.3
College Professor	0.6	0.3
Clergyman	1.6	0.3
Writer	0.6	0.7
Artist or Entertainer	1.9	2.3
Forester	2.2	0.1
Farmer	4.1	0.2
Armed Forces Enlisted Man	2.3	0.1
Armed Forces Officer	4.5	0.4
Policeman or Fireman	1.6	0.1
Businessman	7.4	0.5
Salesman	1.1	0.6
Accountant	4.8	2.8
Secretary, Clerk, Typist	0.5	30.3
Craftsman	1.2	0.0
Skilled Worker	6.9	0.1
Structural Worker	1.5	0.0
Airplane Pilot	1.8	0.5
Barber or Beautician	0.8	4.2
Other, N.E.C.	12.0	9.5

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*From Table 5-4 of The American High School Student careers, and a continuing increase in the number of girls choosing housewife as their life work.

Although the results shown in Tables 3-2 and 3-3 are relevant to stability of career choice, they do not provide direct evidence about stability. Such direct evidence is provided by Table 3-5, which shows the percent of students choosing each career in high school who still planned on the same career five years beyond high school. These results clearly indicate that there is little stability in career choice over this five year period. Overall for males, at the time of the five-year follow-up only 13.4% of the 11th graders and 18.6% of the 12th graders still planned the career they had chosen in high school, and the percentages for girls would be substantially decreased if housewives were excluded. These figures undoubtedly would be even lower for the 9th and 10th grade samples. The figures in Table 3-5 might be changed slightly by differences in coding, combining occupations, and weighting. Nevertheless, it seems clear that (except for housewives) five years beyond high school no more than about one student in five will still plan the career he or she had chosen in high school.

There is another aspect to stability, however, namely the proportion of students choosing an occupation on the follow-up who had also chosen that occupation in high school. It is entirely conceivable that although very few students who chose a particular career in high school ends up in it, almost everyone who ends up in that career had also chosen it earlier. Table 3-6 shows the relevant data for the 11th and 12th grade samples. In a number of cases, these percentages are much higher than the corresponding percentages in Table 3-5. For example, among 12th grade males only 15.2% of those choosing engineering in high school still choose engineering five years later but 52.3% of those who chose engineering on the follow-up questionnaire had also chosen it in high school. Similarly, among 11th grade girls only 1.1% who planned to be a physician in high school still planned that career at the time of the follow-up, but 35.1% of the girls choosing physician as their career on the follow-up had also chosen it in high school. There are a few anomalies in entries based on very few students. For example, Table 3-6 indicates that 0.0% of 11th grade girls but 90.9% of 12th grade girls who chose engineering on the follow-up had also chosen it in high school. This discrepancy, however, represents an unweighted difference between the samples of only 5 girls choosing engineering on both occasions. The results in

TABLE 3-5

Percent of Those Choosing Each Occupation in High School
Who Chose that Occupation Five Years Beyond High School
(Unbiased Estimates of Values for 1960 Populations)

	Males		Females	
	11th Grade	12th Grade	11th Grade	12th Grade
No answer, undecided	20.5	27.2	8.3	12.9
Housewife	0.0	-	58.3	60.3
Mathematician	4.7	5.5	5.7	23.1
Physical Scientist	7.7	10.5	4.2	5.3
Engineer	13.6	15.2	0.0	28.0
Engineering or scientific aide	0.2	0.0	-	0.0
Biological Scientist	3.4	4.1	1.9	4.1
Physician	9.8	22.4	1.1	5.1
Dentist	5.9	14.7	0.4	0.0
Pharmacist	6.4	13.4	7.1	6.6
Nurse	0.0	6.7	32.8	40.5
Medical or Dental Technician	3.6	2.4	11.5	13.6
Social Worker	1.3	1.6	2.2	13.1
Sociologist or Psychologist	17.6	21.5	4.7	10.8
Political Scientist or Economist	1.0	0.0	0.0	0.9
Lawyer	20.8	24.5	1.1	1.5
Elementary School Teacher	1.9	3.3	15.2	20.8
High School Teacher	21.4	25.8	34.1	40.6
College Professor	19.9	30.0	4.7	8.8
Clergyman	30.0	37.4	5.7	11.5
Writer	13.9	27.9	15.4	14.5
Artist or Entertainer	19.9	17.1	5.4	18.4
Forester	0.9	1.0	0.0	0.0
Farmer	33.8	30.8	0.0	0.0
Armed Forces Enlisted	0.6	1.3	0.0	0.0
Armed Forces Officer	1.4	3.5	0.0	0.0
Policeman or Fireman	8.0	12.5	0.0	0.0
Businessman	26.7	32.8	0.8	3.4
Salesman	14.7	45.5	9.2	7.6
Accountant	11.7	20.1	6.4	11.5
Secretary, Clerk, Typist	2.9	0.6	20.0	23.0
Craftsman	0.4	0.5	-	-
Skilled Worker	27.7	31.7	-	0.0
Structural Worker	3.9	28.9	-	0.0
Airplane Pilot	3.3	8.5	0.0	0.0
Barber or Beautician	8.9	4.8	10.4	24.6
Other	11.0	14.0	5.2	7.7

TABLE 3-6

Percent of Those Choosing Each Occupation on the Five-Year Follow-up Who Had Chosen That Occupation in High School (Unbiased Estimates of Values for 1960 Populations)

	Males		Females	
	11th Grade	12th Grade	11th Grade	12th Grade
No answer, undecided	10.5	9.1	4.1	4.0
Housewife	-	-	14.8	16.7
Mathematician	3.9	5.8	14.0	29.3
Physical Scientist	22.2	30.3	13.8	.9.3
Engineer	46.3	52.3	0.0	90.9
Engineering or scientific aide	0.5	0.0	0.0	0.0
Biological Scientist	8.8	11.2	9.3	10.6
Physician	41.7	43.4	35.1	16.3
Dentist	18.5	34.9	-	-
Pharmacist	19.3	51.5	-	-
Nurse	0.0	3.6	58.0	68.0
Medical or Dental Technician	2.4	1.8	16.5	26.8
Social Worker	1.4	1.5	9.7	17.8
Sociologist or Psychologist	8.7	9.1	6.9	21.2
Political Scientist or Economist	0.6	0.0	0.0	2.1
Lawyer	27.9	37.9	-	-
Elementary School Teacher	8.0	14.4	44.3	51.5
High School Teacher	14.8	26.6	21.7	28.9
College Professor	3.1	7.6	1.5	3.0
Clergyman	38.3	47.1	2.4	3.6
Writer	8.4	22.4	18.5	27.9
Artist or Entertainer	24.0	27.0	24.0	44.6
Forester	25.9	12.7	-	-
Farmer	51.7	35.6	-	-
Armed Forces Enlisted Man	1.0	1.8	-	-
Armed Forces Officer	12.0	32.5	-	-
Policeman or Fireman	7.0	7.8	0.0	-
Businessman	9.3	18.4	0.4	0.6
Salesman	3.7	7.0	8.8	4.9
Accountant	11.1	28.0	6.0	13.0
Secretary, Clerk, Typist	0.6	0.1	45.2	52.9
Craftsman	12.5	4.4	-	-
Skilled Worker	11.0	17.6	0.0	-
Structural Worker	1.4	12.5	-	-
Airplane Pilot	7.5	15.3	-	-
Barber or Beautician	9.5	18.9	21.3	59.1
Other	12.9	14.4	9.9	11.3

Table 3-6 emphasize that it is important to consider both aspects of stability, but do not change the conclusion that the general pattern is one of instability of career choice.

This general pattern of instability of career choice shown in Table 3-5 raises that question as to whether the new career plans are similar or unrelated to the initial career plan. The tables in Appendix I show the new career plans of students who chose each career initially. The one case in which the Project TALENT weighting procedure may produce seriously distorted results is for a category in a tabulation containing very few students who happen to be non-respondents with heavy weights. The cross-tabulations in Appendix I include many categories containing very few students, so that a considerable possibility exists for distortion by the weighting procedure. Accordingly, the results shown in this Appendix are unweighted percentages. These results suggest there is no strong tendency for students leaving a particular career to move to a closely related career. Rather, students leaving all careers seem to choose new careers in accordance with the overall popularity of the various occupations.

Such instability in occupational choice suggests that a major function of high school guidance workers will continue to be helping students better understand both themselves and the various roles for which they might prepare themselves. Attaining such an understanding may be facilitated by consideration of more stable characteristics of the student, such as those assessed by the Project TALENT test battery.

Chapter 4. PREDICTION OF CAREER PLANS

James M. Richards, Jr.

The instability of career plans demonstrated by the results reported in Chapter 3 suggests the need for a better way of predicting the ultimate career of students than depending on their occupational choices in high school. In searching for such a better way of predicting, this chapter returns to the overall theoretical orientation in terms of trait concepts of Project TALENT. A wide variety of traits of high school students were assessed by the Project TALENT test battery, and the occupational choices of the same students five years beyond high school were obtained on the follow-up questionnaire. This chapter reports a search for relationships between the traits exhibited by the students in high school and their subsequent vocational choice, as well as a comparison between the predictive efficiency of these traits and the predictive efficiency of expressed occupational choice.

The measures include 64 cognitive scores and 45 non-cognitive scores for the basic Project TALENT test battery. This test battery has been described in detail elsewhere (Flanagan, et al, 1962, 1964). The evidence suggests that the tests in the battery are soundly constructed examples of the best that psychometric science can offer at the present time. The 109 scores used in the analyses reported in this chapter include the important traits assessed by this battery.

The basic procedure was to compute point biserial correlations between each of the 109 test scores and each follow-up occupational choice separately for each sex and grade. This procedure assumes, of course, that choosing vs. not choosing a particular occupation represents a true dichotomy. Next, multiple point biserial correlations with the follow-up occupational choices of each sex and grade group were computed separately for the 64 cognitive scores, the 45 non-cognitive scores, and the combined battery of 109 scores. Each multiple correlation included all relevant variables in the solution rather than making a stepwise selection of variables.

These multiple point biserial correlations with occupational choice are proportional to discriminant functions for distinguishing young people choosing that occupation from young people in general. They estimate the maximum accuracy in predicting occupational membership, for somewhat lower accuracy would have been obtained for a discriminant function that considered all occupations simutaneously and attempted to assign each individual to the most appropriate occupation. It is easier to distinguish either physical scientists or biological scientists from people in general on the basis of their test scores than it is to distinguish between physical scientists and biological scientists.

The first step in the analyses was to compute correlations between the test scores and membership in 187 specific occupations for males and 180 specific occupations for females. For this analysis of the 187 specific occupations, an additional check was made against other items in the 5-year follow-up questionnaire to insure that the occupational choice indicated by the student was sensible. For example, a student choosing "surgeon" also had to give reasonable evidence of progress toward becoming a surgeon to be included. If he had never attended college, and had no plans to attend, he was eliminated from the "surgeon" group. (Unlike all other analyses reported in Chapter 3 and 4, all students with a follow-up occupational choice were included in this analysis rather than eliminating those who did not also have an original occupational choice recorded on the tape.) The tables in Appendix J show the multiple correlations between these specific occupations and the batteries of 64 cognitive scores, 45 non-cognitive scores, and 109 combined scores.

These multiple correlations range from low to moderate. For males and the combined battery, the correlations for 11th graders ranged from .08 to .25 with a median of approximately .11, and the correlations for 12th graders ranged from .08 to .26 also with a median of approximately .11. For females and the combined battery, the correlations for 11th graders ranged from .07 to .35 with a median of approximately .09, and the correlations for 12th graders also ranged from .07 to .35 but with a median of approximately .10. These relatively low coefficients should not be interpreted, however, as necessarily indicating a low relationship between the tests and occupational choice, for the maximum point biserial values that could have been obtained are severely limited by the very small proportion of students choosing most occupations. For both 11th and 12th grade males the median proportion choosing an occupation is approximately .0021. For this proportion, the maximum point biserial that can be obtained is .14. Similarly, for both 11th and 12th grade females the median proportion choosing an occupation is approximately .0010 which determines a maximum point biserial of .11. It is clear, therefore, that many of the multiple point biserials reported in Appendix J are close to the maximum possible point biserial for that occupation. Thus, the results in Appendix J suggest that the Project TALENT tests have a moderate to high underlying relationship to choice of most occupations.

The multiple correlations in Appendix J involve optimally weighted composites where the weights and the correlations were computed on the same group. One would expect cross-validities for these weights in a new group to be somewhat lower than these original validities. The correlations for the 64 cognitive scores and the 45 non-cognitive scores, of course, are somewhat lower than the correlations for the combined battery. When all occupations are considered, the predictive accuracies of the cognitive and non-cognitive batteries differ only slightly.

It would be helpful to have results that can be used more easily to assess the effects of such limitations on the size of the point biserials and results that are more directly comparable to the results reported in Chapter 3. Accordingly, additional analyses were made using the 37 broad categories for follow-up occupational choices that correspond to the original occupational choices. No calculations were made, however, for occupations chosen by fewer than 50 young people. These analyses used exactly the same students, but without weighting, used in the computation of the percentages choosing various occupations and stability indices reported in Chapter 3.

Recently, a number of investigators (Cooley, 1966; Dolliver, 1969; Holland and Lutz, 1967; Whitney 1969) have suggested that expressed occupational choice predicts later occupation better than do psychological tests (or at least vocational interest tests). Therefore, the predictive validities of the expressed choices of these students were determined by computing Phi coefficients between choice of each occupation in high school and choice of the same occupation on the five-year follow-up. Results are shown in Table 4-1. As would be expected from the results reported in Table 3-5, these coefficients generally range from low to moderate. For boys the range is -.01 to .50 with a median of approximately .12, and for girls the range is .01 to .54 with a median of approximately .13. Phi coefficients too are limited by the marginal totals. Specifically, the maximum value for Phi will be less than 1.00 when different proportions of the group choose an occupation in high school and on the follow-up. This ceiling effect can limit the size of the Phi coefficient substantially, which suggests that many of the underlying relationships between high school and follow-up choices are higher than the coefficients in Table 4-1 indicate. In another sense, of course, the differences in the proportions choosing the occupations on the two occassions are exactly the point of this study, and the coefficients shown in Table 4-1 are, without adjustment, an appropriate measure of the relationships between high school and follow-up choices.

TABLE 4-1

Phi Coefficients Between Choice of Each Occupation in High School and Choice of the Same Occupation Five Years Beyond High School

	Males		Females	
	11th Grade	12th Grade	11th Grade	12th Grade
Undecided, No answer	03	03	01	03
Housewife	-	-	14	14
Mathematician	05	09	12	18
Physical Scientist	20	21	-	-
Engineer	27	31	-	-
Engineering or scientific aide	00	-01	-	-
Biological Scientist	09	12	05	03
Physician	30	40	-	-
Dentist	15	27	-	-
Pharmacist	20	35	-	-
Nurse	-	-	42	54
Medical or Dental Technician	05	05	13	25
Social Worker	03	05	06	15
Sociologist or Psychologist	07	09	08	12
Political Scientist or Economist	-	01	-	-
Lawyer	25	25	-	-
Elementary School Teacher	08	11	21	32
High School Teacher	18	28	22	30
College Professor	09	12	05	08
Clergyman	38	41	-	-
Writer	16	18	12	09
Artist or Entertainer	23	25	20	24
Forester	-	-	-	-
Farmer	41	50	-	-
Armed Forces Enlisted Man	02	01	-	-
Armed Forces Officer	08	07	-	-
Policeman or Fireman	15	12	-	-
Businessman	10	14	01	02
Salesman	06	10	01	01
Accountant	17	22	08	12
Secretary, Clerk, Typist	-	-	19	25
Craftsman	-	-	-	-
Skilled Worker	15	16	-	-
Structural Worker	05	09	-	-
Airplane Pilot	09	07	-	-
Barber or Beautician	14	27	19	37
Other	04	07	03	05

The next step in the analysis was to compute multiple point biserial correlations between the test batteries and the 37 broad categories of follow-up occupational choice separately for each of the grade and sex groups. To estimate the relationships corrected for the ceilings imposed on the point biserials by the small proportions choosing most occupations, these coefficients were also converted to biserial correlations through use of the standard conversion formula. When the multi-category, or continuous, variable is normally distributed, the biserial correlation corresponds to the ratio between the corresponding point biserial and its maximum possible value (Stanley, 1968). The weighted composites used as predictors in this study are almost certainly normally distributed or very nearly so. Therefore, the biserials should give good estimates of the relationships corrected for the ceilings imposed on the point biserials.

The correlations for 11th and 12th grade males are shown in Tables 4-2 and 4-3 respectively. The corresponding correlations for females are shown in Table 4-4 and Table 4-5. As expected, the point biserials with follow-up occupational choice range from low to moderate, but are somewhat higher than the correlations with highly specific occupations shown in Appendix J. The point biserial correlations for boys and the combined battery of 109 tests range from .09 to .35 with a median of approximately .16. The corresponding correlations for girls range from .09 to .36, also with a median of approximately .16. The correlations for the batteries of cognitive and non-cognitive scores, of course, are somewhat lower than the correlations for the combined battery. The biserial correlations, however, are substantially higher than the corresponding point biserials, and range from moderate to high. The biserials for the combined battery range for males from .29 to .86 with a median of approximately .53, and for females from .28 to .91 with a median of approximately .50. Thus the tests appear to have substantial validity for predicting occupational choice when limitations on the size of the biserials are taken into account.

Probably the most appropriate comparison of the predictive validities of expressed choices vs. the tests involves the Phi coefficients in Table 4-1 and the point biserials in Tables 4-2 to 4-5. No clearcut pattern is revealed by this comparison. Contrary to the findings of previous investigators (Cooley, 1966; Dolliver, 1969; Holland and Lutz, 1967; Whitney, 1969), predictions from expressed choice are not consistently superior to test

Multiple Correlations for 11th Grade Males
Between Tests and Follow-up Occupational Choices

	Point Biserials			Biserials		
	Cognitive Tests	Non-Cog. Tests	All Tests Combined	Cognitive Tests	Non-Cog. Tests	All Tests Combined
Undecided, no answer	.14	.14	.18	.27	.27	.33
Housewife	-	-	-	-	-	-
Mathematician	.12	.13	.15	.33	.34	.40
Physical Scientist	.17	.17	.20	.52	.53	.60
Engineer	.28	.31	.33	.52	.57	.62
Engineering or Scientific Aide	.07	.05	.09	.29	.21	.36
Biological Scientist	.11	.13	.15	.38	.47	.54
Physician	.20	.23	.26	.57	.67	.75
Dentist	.10	.13	.15	.41	.54	.61
Pharmacist	.09	.08	.11	.38	.37	.49
Nurse	.08	.08	.11	.43	.47	.61
Medical or Dental Technician	.06	.07	.09	.31	.36	.47
Social Worker	.08	.08	.10	.38	.38	.49
Sociologist or Psychologist	.11	.12	.14	.35	.37	.43
Political Scientist or Economist	.09	.08	.10	.41	.37	.49
Lawyer	.20	.23	.26	.52	.58	.64
Elementary School Teacher	.07	.07	.10	.38	.40	.56
High School Teacher	.16	.20	.22	.30	.36	.41
College Professor	.21	.24	.26	.50	.56	.61
Clergyman, Religious Worker	.18	.21	.25	.57	.68	.78
Writer	.12	.12	.15	.51	.53	.65
Artist or Entertainer	.13	.16	.18	.45	.55	.62
Forester	-	-	-	-	-	-
Farmer	.24	.28	.31	.67	.76	.86
Armed Forces Enlisted Man	.09	.07	.11	.44	.33	.53
Armed Forces Officer	.10	.09	.12	.41	.37	.48
Policeman or Fireman	.12	.11	.14	.36	.33	.44
Businessman	.14	.17	.20	.22	.27	.31
Salesman	.12	.16	.18	.29	.37	.42
Accountant	.13	.18	.20	.32	.43	.48
Secretary, Clerk, Typist	.13	.11	.15	.39	.32	.44
Craftsman	-	-	-	-	-	-
Skilled Worker	.30	.33	.35	.49	.53	.56
Structural Worker	.19	.18	.21	.53	.50	.58
Airplane Pilot	.10	.08	.12	.32	.27	.39
Barber or Beautician	.10	.09	.12	.58	.52	.68
Other	.14	.14	.16	.25	.25	.29

Note -- Biserials estimate relationships corrected for ceilings on the values of the point biserials.

TABLE 4-3

Multiple Correlations for 12th Grade Males Between Tests and Follow-up Occupational Choices

	Point Biserials			Biserials		
	Cognitive Tests	Non-Cog. Tests	All Tests Combined	Cognitive Tests	Non-Cog. Tests	All Tests Combined
Undecided, no answer	.16	.17	.20	.29	.31	.36
Housewife	-	-	-	-	-	-
Mathematician	.12	.13	.15	.36	.40	.46
Physical Scientist	.16	.15	.18	.51	.48	.56
Engineer	.27	.32	.33	.52	.60	.64
Engineering or Scientific Aide	.06	.07	.09	.29	.31	.42
Biological Scientist	.13	.14	.17	.43	.48	.58
Physician	.20	.27	.30	.56	.76	.82
Dentist	.10	.14	.16	.42	.57	.65
Pharmacist	.09	.11	.13	.38	.47	.57
Nurse	.07	.06	.09	.39	.36	.52
Medical or Dental Technician	.08	.07	.10	.42	.41	.57
Social Worker	.09	.08	.11	.42	.39	.53
Sociologist or Psychologist	.11	.13	.14	.35	.41	.47
Political Scientist or Economist	.09	.08	.11	.47	.41	.57
Lawyer	.19	.24	.25	.46	.58	.62
Elementary School Teacher	.09	.08	.11	.48	.45	.63
High School Teacher	.17	.21	.24	.31	.39	.44
College Professor	.21	.25	.27	.52	.61	.65
Clergyman, Religious Worker	.19	.21	.25	.58	.66	.78
Writer	.11	.15	.16	.48	.63	.70
Artist or Entertainer	.14	.18	.20	.50	.63	.70
Forester	-	-	-	-	-	-
Farmer	.26	.30	.34	.67	.76	.86
Armed Forces Enlisted Man	.08	.08	.11	.41	.38	.53
Armed Forces Officer	.10	.09	.12	.43	.37	.51
Policeman or Fireman	.12	.11	.15	.38	.34	.47
Businessman	.13	.19	.21	.19	.30	.33
Salesman	.11	.14	.16	.24	.32	.36
Accountant	.14	.10	.21	.32	.44	.49
Secretary, Clerk, Typist	.10	.11	.14	.33	.34	.43
Craftsman	-	-	-	-	-	-
Skilled Worker	.27	.30	.32	.46	.52	.55
Structural Worker	.18	.19	.21	.49	.50	.56
Airplane Pilot	.10	.07	.12	.40	.28	.46
Barber or Beautician	.12	.10	.14	.61	.52	.70
Other	.16	.15	.18	.27	.26	.30

TABLE 4-4

Multiple Correlations for 11th Grade Females Between Tests and Follow-up Occupational Choices

	Point Biserials			Biserials		
	Cognitive Tests	Non-Cog. Tests	All Tests Combined	Cognitive Tests	Non-Cog. Tests	All Tests Combined
Undecided, no answer	.16	.12	.18	.32	.26	.37
Housewife	.29	.35	.36	.37	.44	.46
Mathematician	.14	.16	.18	.62	.67	.77
Physical Scientist	-	-	-	-	-	-
Engineer	-	-	-	-	-	-
Engineering or Scientific Aide	-	-	-	-	-	-
Biological Scientist	.10	.13	.14	.55	.70	.78
Physician	-	-	-	-	-	-
Dentist	-	-	-	-	-	-
Pharmacist	-	-	-	-	-	-
Nurse	.14	.28	.29	.28	.54	.57
Medical or Dental Technician	.09	.12	.14	.28	.39	.45
Social Worker	.11	.12	.14	.36	.38	.44
Sociologist or Psychologist	.12	.12	.15	.45	.45	.53
Political Scientist or Economist	-	-	-	-	-	-
Lawyer	-	-	-	-	-	-
Elementary School Teacher	.13	.18	.20	.30	.40	.44
High School Teacher	.29	.34	.35	.44	.52	.53
College Professor	.18	.19	.21	.55	.59	.64
Clergyman, Religious Worker	.09	.09	.12	.43	.46	.61
Writer	.12	.14	.16	.51	.61	.69
Artist or Entertainer	.12	.14	.17	.46	.55	.64
Forester	-	-	-	-	-	-
Farmer	-	-	-	-	-	-
Armed Forces Enlisted Man	-	-	-	-	-	-
Armed Forces Officer	-	-	-	-	-	-
Policeman or Fireman	-	-	-	-	-	-
Businessman	.08	.09	.11	.22	.27	.33
Salesman	.07	.08	.10	.39	.42	.53
Accountant	.10	.11	.13	.29	.31	.37
Secretary, Clerk, Typist	.17	.20	.22	.30	.35	.38
Craftsman	-	-	-	-	-	-
Skilled Worker	-	-	-	-	-	-
Structural Worker	-	-	-	-	-	-
Airplane Pilot	-	-	-	-	-	-
Barber or Beautician	.13	.12	.15	.43	.40	.49
Other	.09	.10	.13	.20	.22	.28

TABLE 4-5

Multiple Correlations for 12th Grade Females
Between Tests and Follow-up Occupational Choices

	Point Biserials			Biserials		
	Cognitive Tests	Non-Cog. Tests	All Tests Combined	Cognitive Tests	Non-Cog. Tests	All Tests Combined
Undecided, no answer	.18	.16	.20	.33	.30	.38
Housewife	.28	.33	.35	.37	.43	.46
Mathematician	.13	.14	.17	.63	.67	.80
Physical Scientist	-	-	-	-	-	-
Engineer	-	-	-	-	-	-
Engineering or Scientific Aide	-	-	-	-	-	-
Biological Scientist	.13	.14	.16	.74	.77	.91
Physician	-	-	-	-	-	-
Dentist	-	-	-	-	-	-
Pharmacist	-	-	-	-	-	-
Nurse	.18	.33	.34	.35	.62	.65
Medical or Dental Technician	.09	.13	.15	.28	.41	.45
Social Worker	.11	.12	.14	.36	.38	.45
Sociologist or Psychologist	.13	.12	.15	.51	.49	.60
Political Scientist or Economist	-	-	-	-	-	-
Lawyer	-	-	-	-	-	-
Elementary School Teacher	.16	.20	.22	.32	.42	.45
High School Teacher	.29	.34	.36	.45	.53	.55
College Professor	.19	.21	.23	.59	.63	.69
Clergyman, Religious Worker	.12	.11	.15	.52	.49	.67
Writer	.09	.12	.13	.43	.54	.59
Artist or Entertainer	.13	.16	.19	.47	.62	.70
Forester	-	-	-	-	-	-
Farmer	-	-	-	-	-	-
Armed Forces Enlisted Man	-	-	-	-	-	-
Armed Forces Officer	-	-	-	-	-	-
Policeman or Fireman	-	-	-	-	-	-
Businessman	.08	.09	.12	.22	.26	.33
Salesman	.07	.07	.09	.34	.34	.47
Accountant	.10	.13	.15	.28	.37	.42
Secretary, Clerk, Typist	.21	.25	.26	.34	.40	.43
Craftsman	-	-	-	-	-	-
Skilled Worker	-	-	-	-	-	-
Structural Worker	-	-	-	-	-	-
Airplane Pilot	-	-	-	-	-	-
Barber or Beautician	.14	.13	.16	.44	.42	.51
Other	.10	.11	.14	.21	.23	.29

TABLE 4-6

Four Variables with Largest Beta Weights for Selected Occupational Choices of 12th Grade Males

Occupation	Variable	Point Biserial	Beta
Engineer	Physical science, engineering, math. interest	.23	.2046
	Biological science and medicine interest	.03	-.0972
	Mathematics II. Introductory high school math.	.21	.0915
	Literary-linguistic interest	-.05	-.0807
Lawyer	Public service interest	.15	.0925
	Literary linguistic interest	.14	.0809
	Physical science, engineering, math. interest	.00	-.0775
	Mathematics information	.12	.0604
Farmer	Farming interest	.20	.2173
	Farming information	.12	.1231
	Physical science, engineering, math. interest	-.09	-.0653
	Academic vs. other high school program	-.14	-.0490
Skilled Worker	Mechanical-technical interest	.18	.1027
	Academic vs. other high school program	-.21	-.0748
	Business management interest	-.10	-.0471
	Music information	-.17	-.0439

predictions, although it must be remembered that a one-item test is being compared to optimally weighted composites of 45 to 109 test scores. However, there is also no consistent tendency for test predictions to be notably superior to predictions from expressed choice. There is some indication that test predictions are better for those occupations that gain relatively many members in the five years following high school graduation. Also, the Phi coefficients are fairly consistently lower for 11th graders than for 12th graders. Any similar tendency is less marked for the test validities. Therefore, it is possible that test predictions will be consistently superior to predictions from expressed choice in the 9th and 10th grade samples.

Comparison of the results for the cognitive and non-cognitive tests shows roughly equivalent validities with, if anything, a small advantage for the non-cognitive test. These results for the non-cognitive scores may be surprising to some readers. One hypothesis that comes immediately to mind is that the non-cognitive characteristics correlated with follow-up occupational choice are an indirect reflection of the characteristics correlated with high school occupational choice. But, the patterns of predictive validities for the cognitive and non-cognitive scores appear to be more similar to each other than either pattern is to the pattern for expressed choice. Another possible explanation is that the increase in accounted for variance obtained by adding the non-cognitive scores to the cognitive scores results mainly from the effects of socio-economic status. To check this possibility, two predictor multiple correlations were computed between occupational choices and a weighted composite of socio-economic status and the General Academic Aptitude Composite derived from the Project TALENT test battery. These correlations are shown in Appendix K, and are enough lower than the correlations for the test batteries, to make the socio-economic status hypothesis much less plausible. Therefore, the results for the non-cognitive tests appear to be meaningful.

The extremely large amount of computer printout obtained in this study precludes including tables in this report that show all point biserials, beta weights, etc., for all occupations and all sex and grade groups. To give some flavor of the results, however, Table 4-6 shows for selected follow-up occupational choices of 12th grade males the four variables with the largest beta weights in order of the magnitude of that weight. The most striking trend in this table, perhaps, is that only the first one or two variables have really substantial beta weights. This is typical of the pattern of results for all occupations and all groups.

To summarize, the tests appear to have substantial validity for predicting occupational choice five years beyond high school, certainly enough validity to justify using the test scores in counseling individuals. Thus, the present results provide evidence in support of the appropriateness of the kind of computer assisted guidance system proposed in earlier Project TALENT reports (Cooley, 1966), and information that can help form a sound basis for such a system. Even in their present preliminary state, based on career choice five years after high school, the patterns of aptitude and ability for career groups obtained in this study represent the best available information about the aptitude patterns required for many types of careers.

The ten-year and twenty-year follow-ups, of course, should make it possible to sharpen these patterns and interpret them with more confidence. But, mere choice of an occupation has never been considered more than an interim criterion in this project. The relevant ultimate goal of Project

TALENT is to determine the patterns of aptitude and ability which are predictive of success and satisfaction in various careers. It will be possible in the ten- and twenty-year follow-ups to use more comprehensive measures of success and satisfaction that will provide a more sound basis for helping young people choose an appropriate career.

Chapter 5. HIERARCHICAL ANALYSIS: AN APPROACH TO THE GROUPING OF CAREER CATEGORIES

Marion F. Shaycoft

The Problem

One of the major purposes of Project TALENT is to provide a basis for improving educational and vocational guidance in the high schools by finding out what kinds of aptitudes, achievement levels, personality traits, interests, and other characteristics manifest at the high school stage of development are predictive of success in specific occupations.

As was explained in Chapter 1, the long-range career-plans indicated by Project TALENT participants five years after high school had initially been coded into nearly a thousand categories (Code Q2-cp(4), shown in Appendix G-1) in order to retain as much information as possible, and to allow for subsequent collapsing of categories in a multiplicity of ways. As the first step in reducing the number of categories for potential use in educational and career guidance of students, the original categories had been collapsed on a judgmental basis to about 250. This was career-plan code Q-2-cp-A (discussed in Chapter 1 and shown in Appendix G-2). It was felt that code Q-2-cp-A represented the maximum amount of combining of categories that could be based solely on subjective judgment; that any further combining of groups would require support from empirical data. More specifically it was hoped that on the basis of empirical data the approximately 250 Q-2-cp-A categories could be condensed into a much smaller number of groups, such that the ones combined in a single group would be relatively homogeneous in terms of the patterns of abilities, aptitudes, achievement levels, interests, personality traits, and background factors characteristic of their members. What was sought was a combination of relative homogeneity within groups and heterogeneity among groups, with respect to 64 cognitive variables and 45 noncognitive variables from the TALENT battery. This would simplify educational and vocational guidance to some extent, by enabling guidance counselors in high schools to advise the student in terms of families of jobs for which he seems suited, rather than in terms of a a small or large number of specific career fields from which to choose.

Convenience was not the only advantage to be gained from combining some career categories into "job families". Despite the very large number of cases Project TALENT had started with, some of the less usual career fields had very few cases in them, and therefore would probably not provide stable data unless they were combined with other closely related groups.

The Hierarchical Analysis Approach[1]

Hierarchical analysis seemed like a promising way of establishing job families. But the term hierarchical analysis doesn't cover just a single specific procedure. Rather it represents a whole family of procedures -- so that the decision to use hierarchical analysis is just the starting point for a long series of methodological decisions. In a hierarchical grouping procedure, one generally starts with a matrix showing the degree of difference (or similarity) between each entity and each other entity. (In the case of our problem the entities would be the groups of individuals with the same career plans.) The hierarchical analysis procedure operates in a stepwise fashion, to combine entities whose index of difference is as low as possible or whose index of similarity is as high as possible. Difference may be expressed in a number of ways: as distance between entities, as dispersion of the combined group, or perhaps as a ratio of distance to dispersion. Likewise similarity may be expressed in numerous ways -- as amount of overlap between groups, for example, or perhaps as correlation between group means where the means are expressed as ipsative scores.

The particular index of difference or similarity that is used as the basis for deciding which pair of groups to combine at each step is referred to later in the chapter as the "decision function" (for obvious reasons).

A priori methodological decisions. After careful consideration of the pros and cons of various possible procedures it was decided to carry out the hierarchical analysis in the following way:

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[1] Readers interested only in the substantive results of the research are advised to skip this section, which deals solely with methodological matters. The discussion of substantive results resumes on page 5-10.

1. Separate analyses would be carried out for the 64 cognitive and the 45 noncognitive variables.[1]

2. Orthogonal variables would be used. Since the original 64 cognitive (or 45 noncognitive) variables were not all uncorrelated, and since it seemed desirable to use orthogonal variables in the hierarchical analysis, it was decided to do a complete principal components analysis of the 64 cognitive variables and a separate principal components analysis of the 45 noncognitive variables, and then to obtain each individual's scores on the principal components. (For this purpose each principal component was scaled to have a mean of 0 and a standard deviation of 1.) Principal components scores are suitable variables for use in the hierarchical analysis, since they are automatically orthogonal.

3. Each individual is then hypothesized to be represented by a point plotted in 64-dimensional (or 45-dimensional) hyperspace, where the dimensions are the principal components.

4. The location of the centroid of each career-plan group is determined. The centroid is the point corresponding to the group's means on all 64 (or 45) principal components. (It should be noted that the use of centroids in this way automatically weights each principal component variable in accordance with its effectiveness in discriminating among groups. In other words dispersion among group means is far greater for those components that discriminate effectively among groups than for the ones that don't.)

The formula for the mean of the principal component i for group j is:

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[1] See Appendix F-1 for a list of the 64 cognitive and 45 noncognitive variables.

$$\bar{P}_{ij} = \frac{\sum_{k=1}^{N_j} P_{ijk}}{N_j} \tag{1}$$

Relevant notation for the formula above and for some of the formulas that follow is:

n = no. of variables (= no. of dimensions)
g = no. of groups
N_j = no. of cases in group j
N = total no. of cases

$$N = \sum_{j=1}^{g} N_j \tag{2}$$

P_{ijk} = score of individual k in group j on principal component i

$i = 1,2,3,\ldots n$
$j = 1,2,3,\ldots g$
$k = 1,2,3,\ldots N_j$

5. The dispersion within each group with respect to each principal component is also determined. The relevant notation and formulas are:

s_{ij} = sample standard deviation of principal component i for group j

$$s_{ij} = \sqrt{\frac{\sum_{k=1}^{N_j} (P_{ijk} - \bar{P}_{ij})^2}{N_j}} \tag{3}$$

σ_{ij} = corresponding estimate of population standard deviation

$$\sigma_{ij} = s_{ij}\sqrt{\frac{N_j}{N_j - 1}} \qquad (4)$$

6. The squared geometric distance between each centroid and every other centroid is then determined. The relevant notation and formula are shown below.

$d^2_{\overline{A}\overline{B}}$ = squared distance between centroids of groups A and B.

$$d^2_{\overline{A}\overline{B}} = \sum_{i=1}^{n} (\overline{P}_{iA} - \overline{P}_{iB})^2 \qquad (5)$$

7. Note that the formula 5 value is not affected at all by within-group dispersion. Formula 6 below (for $D^2_{\overline{A}\overline{B}}$) does take dispersion into account appropriately. These values, therefore, are also computed.

$D^2_{\overline{A}\overline{B}}$ = square of distance between centroids of groups A and B, where each dimension is scaled so that the standard deviation of the distance between a point in group A and a point in group B is uniform for all dimensions. (This scaling has the effect of changing hyper-elliptical configurations to hyperspherical ones.)

$$D^2_{\bar{A}\bar{B}} = \sum_{i=1}^{n} \frac{\left(\bar{P}_{iA} - \bar{P}_{iB}\right)^2}{\sigma_{iA}^2 + \sigma_{iB}^2} \tag{6}$$

8. Now we come to the question of what decision function to use in the stepwise merging of groups, a pair at a time. The formula 5 value (d^2) is one that is rather commonly used for hierarchical analysis. As has already been indicated this fails to reflect the extent to which groups overlap as a result of large within-group variance. In an effort to avoid this disadvantage several other possible decision functions were defined and derived (none of which, so far as the author knows, had previously been used in hierarchical research). Formula 6 is one of them. Formulas 7, 9, 11, and 12 (below) are four others. The values given by these four formulas are identified as

$$D'^2_{AB}, \quad D''^2_{AB}, \quad \sigma^2_{d_{AB}}, \quad \text{and} \quad \sigma^2_{A+B}$$

respectively. The definitions of the latter two values are:

$\sigma^2_{d_{AB}}$ = mean square distance between any point in group A and any other point in group B.

σ^2_{A+B} = mean square distance of points in combined groups A+B from centroid of combined group.

The formulas for the four alternate decision functions are:

$$D'^2_{AB} = \frac{\sigma^2_{d_{AB}}}{2\sigma^2_{w_{AB}}} \tag{7}$$

where $\sigma^2_{w_{AB}}$ = within-group variance estimated on the basis of groups A and B.

$$\sigma^2_{w_{AB}} = \frac{N_A \sum_{i=1}^{n} s^2_{iA} + N_B \sum_{i=1}^{n} s^2_{iB}}{N_A + N_B - 2} \tag{8}$$

$$\hat{D}^2_{AB} = \frac{d^2_{\bar{A}\bar{B}}}{\sigma^2_A + \sigma^2_B} \tag{9}$$

where σ^2_j = mean square distance of points in group j from centroid of population corresponding to group j.

$$\sigma^2_j = \sum_{i=1}^{n} \sigma^2_{ij} \tag{10}$$

$$\sigma^2_{d_{AB}} = d^2_{\bar{A}\bar{B}} + \sum_{i=1}^{n} (s^2_{iA} + s^2_{iB}) \tag{11}$$

$$\sigma^2_{A+B} = \frac{1}{N_A + N_B - 1} \left[(N_A + N_B - 2)\, \sigma^2_{w_{AB}} + \frac{N_A N_B}{N_A + N_B}\, d^2_{\bar{A}\bar{B}} \right] \tag{12}$$

It was decided to try out on empirical data the six possible decision functions represented by formulas 5, 6, 7, 9, 11, and 12, and to use operationally whichever one seemed to work best.

9. After the decision function to be used is decided on, a matrix showing the value of that decision function for each pair of groups is computed. The two groups forming the pair with the smallest value for the decision function are combined into a single group, and the decision function matrix is revised to provide values relevant to this new group. In this computation of a revised decision function matrix the following formula for computing distances from the new combined group to each of the other remaining groups is used:

$d^2_{\overline{(AB)}\,\overline{C}}$ = squared distance between centroid of combined groups A and B, and centroid of any other group C.

$$d^2_{\overline{(AB)}\,\overline{C}} = \frac{1}{N_A + N_B}\left[N_A d^2_{\overline{AC}} + N_B d^2_{\overline{BC}} - \frac{d^2_{\overline{AB}}}{\frac{1}{N_A} + \frac{1}{N_B}}\right] \qquad (13)$$

Empirical tryout of decision functions. The preliminary tryouts were of two kinds. Initial matrices were computed for all six decision functions under consideration, and then the stepwise combining operation was carried out for five of the six functions. The exception was Formula 6, which proved impractical in terms of computer capacity. We wanted to analyze up to 173 job groups in terms of as many as 64 variables. To do this with any kind of reasonable efficiency would have required about $2\frac{1}{2}$ times as big a computer as Formula 5, and about $2\frac{1}{2}$ times as big a computer as we had available. Although Formula 5 was known in advance not to be the ideal formula for our analysis, it did turn out to be a very useful one and to work well. On the basis of available data it appeared that Formula 6 was the best decision function and that Formula 5 was a close second. Both of them seemed to work somewhat better than formulas 7, 9, 11, or 12. Unfortunately, however, as has already been indicated, the whole job couldn't be done with Formula 6, on account of computer limitations. It was decided, therefore, that in operational use the research would be done as a two-stage operation, using Formula 5, which gives the square of the distance between centroids, in the preliminary stage and Formula 6 in the final stage. The preliminary stage consisted in hierarchical analysis; the final stage consisted in using Formula 6 to check on the tentative groupings from the hierarchical analysis and making modifications where appropriate.

Operational Use of the Hierarchical Procedure

The procedure as outlined above was applied to the 14,123 cases in the 12th-grade male sample for whom five-year follow-up data and complete 1960 data[1] were available. The principal components analyses were carried out on this group. For subsequent steps, only cases in the purified career plan groups[2] were included.

Tentative job families were established on the basis of hierarchical analysis of the cognitive data and eliminated or modified if the analysis of the noncognitive data didn't confirm them. (Actually as things turned out, the cognitive and noncognitive results agreed very well. Hardly any groups had to be eliminated or changed on the basis of different findings from the two analyses.)

In establishing tentative groups on the basis of results of the hierarchical analyses, some liberties had to be taken with the hierarchical model, because the data appeared not to cluster in groups which fitted this model very closely. There appeared to be only a very small number of nuclei of clusters and before these nuclei acquired a large number of "satellite groups" in the hierarchical development they tended to coalesce. Thus, depending on where the merging process was stopped we were presented with the choice of either a small number of clusters, most of them including only about three or four groups each, supplemented by a very large number of separate groups (i.e. single-group "clusters") or, alternatively, one very large cluster, which has swallowed up the few smaller separate clusters and has also swallowed up most of the separated groups. If we were to hold strictly to the hierarchical model there didn't seem to be any happy medium between these two extremes. However study of the hierarchical data led to the conclusion that meaningful and useful clusters could be established from the long chain of career groups that the hierarchical analysis tended after a while to yield, by breaking the chain at carefully chosen points to split it into several sections. In a few instances there was some ambiguity as to the exact point at which it would be best to break the chain, because the career group in the vicinity of the proposed split seemed to fit equally well on either side. In such cases, rather than make an arbitrary decision, the career group in question was included in both clusters.

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[1] See Apprendix F-2 for a definition of "complete cases".

[2] See Chapter 1 for a description of the career-category purification process.

After clusters based on the hierarchical analysis had been tentatively determined, a final check was made on the basis of D^2 (Formula 6) matrices. Because the values appeared to be somewhat unstable for very small groups, the D^2 matrices were limited to career groups containing at least 50 cases, supplemented by a few smaller groups that on the basis of the hierarchical analysis appeared to cluster with them. This resulted in limiting the number of groups in the D^2 matrix to 93.

Empirical Results

The modified hierarchical procedure described in the previous section, in conjunction with the D^2 matrix procedure (Formula 6) reduced the 93 career plan groups that were included (plus a 94th group: "undecided") down to 19 categories (plus a 20th for the "undecided" group). The categories are summarized in Table 5-1. Of the 19 categories, only 11 were clusters containing at least four groups. One contained just two groups and each of the remaining seven consisted of just a single career group that didn't cluster with anything else. (Among these seven unique and relatively homogeneous groups were architect and clergyman.)

TABLE 5-1. Job Families for Males*: Partial list
(Based on 5-year follow-up of grade 12 boys)

		No. of career groups included	No. of cases included
A.	Airplane pilot	1	99
B.	Business and industry	19	2885
C.	Architect	1	58
D.	Engineering and applied physical sciences	12	1108
E.	Math and physical science: Quantitatively oriented professions	5	287
F.	Biological sciences: theoretical and applied	6	154
G.	"People-oriented" professions in the sciences	4	500
H.	Professions in the social sciences	4	763
I.	College professor: English	1	57
J.	Clergyman	1	176
K.	Teaching and other "people-oriented" professions (non-science)	6	734
L.	High school math teacher	1	62
M.	High school science teacher	1	50
N.	High school physical education teacher	1	57
O.	Miscellaneous skilled occupations	7	673
P.	Technician	6	610
Q.	Miscellaneous "blue-collar" jobs	18	1543
R.	Farming	2	372
S.	Protective	4	259
Y.	(Undecided)	-	803
		100**	11250***

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*Based on two hierarchical analyses of d^2 matrices (combining groups with the smallest d^2), with the resulting groups modified on the basis of the corresponding matrices of D^2 values. One of the d^2 matrices on which a hierarchical analysis was based was in 64 dimensions (principal components of 64 cognitive variables) and the other was in 45 dimensions (principal components of 45 noncognitive variables).

This table includes all groups having at least 50 cases (in the five-year follow-up of grade 12 boys). Some smaller groups are also included which fit into a family defined by the larger groups.

**Includes 7 duplications; therefore 93 separate categories.

***Includes 756 duplications; therefore 10494 separate cases.

As the opposite side of the same coin we have the handful of jobs that seemed to cluster naturally with more than one job family. A case in point is computer programer, which was the only career group falling in three separate job families. This unusual multiplicity of categories can probably be attributed to the fact that there are so many different kinds and levels of programers that one might almost say that the term "computer programer" doesn't denote any one job category.

Since we started with 173 career groups (in the hierarchical analysis) and ended with only 93 going into the 19 categories, what happened to the other 80? The answer is that each of these 80 groups had fewer than 50 cases, and some had fewer than 10. These groups, then, because of their small size, probably had rather unstable centroids. Consequently it still isn't entirely clear whether they are unique, clustering with no other group, or whether more data would fix their centroids so that it would become apparent that they belong in a cluster with other groups.

Table 5-2 shows the composition of each of the clusters, and Table 5-3 shows how homogeneous each cluster is, by presenting the within-cluster range of D^2 values, separately for the cognitive and noncognitive variables.

Conveniently, it turned out that clusters that were relatively homogeneous in terms of the cognitive variables turned out to be fairly homogeneous on the noncognitive variables too.

Conclusions

Significance of the results. What significance are we to attach to the fact that there were so many jobs that didn't fall in tight clusters and so few that did? Probably the basic significance of this outcome lies in all that is implied by the apparent nonexistence of a clear hierarchical structure underlying the career groups. The centroids of these career groups are to a great extent scattered widely in n-dimensional space rather than falling neatly in tight little clusters. The patterns of aptitudes and abilities that characterize various jobs are perhaps almost as diverse as the corresponding patterns for people. Therefore in selecting a career field, there should be less need for a square peg -- or even a scalene triangular peg -- to force

TABLE 5-2. Present composition of the job families

Job Family	Career Code	Career	No. of cases
A.	841	Airplane pilot	99
B.	112	In business for self (NEC)	278
	120	Industry or business (NEC)	141
	711(2)	Banking and finance	116
	716	CPA	280
	717	Accountant, auditor, comptroller (exc. CPA)	202
	723	Efficiency expert, industrial engineer, production management	111
	730	Business management, business administration (NEC)	511
	731	Manufacturing management	95
	732	Wholesale or retail trade management; marketing	195
	746	Insurance salesman	61
	748	Salesmen (NEC)	350
	749	Sales manager	73
	726	Personnel administration	81
	335	Pharmacist	91
	222*	Computer programer	121
	642*	U.S. Armed Forces: Officer	108
	747**	Auto salesman	22
	743**	Stockbroker	23
	745**	Real estate sales	26
C.	250	Architect	58
D.	240	Engineer (NEC)	167
	241	Civil and/or hydraulic engineer	105
	242	Electrical and/or electronic engineer	243
	243	Mechanical or automotive engineer	143
	231*	Chemist	81
	642*	U.S. Armed Forces: officers	108
	222*	Computer programer	121
	244**	Aeronautical engineer	37
	245**	Chemical engineer	58
	234**	Geologist	17
	235**	Meteorologist	10
	230**	Scientist (NEC)	18
E.	211	Mathematician	46
	232	Physicist	64
	231*	Chemist	81
	462*	College professor: Science	68
	461**	College professor: Math	28

TABLE 5-2. (Continued)

Job Family	Career Code	Career	No. of cases
F.	310	Biologist, zoologist, botanist, etc.	32
	314	Specialist in fish, wildlife, forestry, conservation, etc.	49
	313**	Specialist in agricultural science	35
	316**	Microbiologist	15
	317**	Biochemist	9
	322**	Surgeon	14
G.	329	Physician (NEC)	229
	332	Dentist	97
	360*	Psychologist	106
	462*	College professor: Science	68
H.	360*	Psychologist	106
	393	Lawyer	393
	463	College professor: social studies	85
	460	College professor (NEC)	179
I.	464	College professor: English	57
J.	521	Clergyman	176
K.	400	Teaching (NEC)	423
	420	High School Teacher (NEC)	69
	423	High School Teacher: Social Studies	94
	450	School administration (principal, etc.): except college	43
	370	Social work	60
	412	Teaching elementary school	45
L.	421	High school math teacher	62
M.	422	High school science teacher	50
N.	429	High school physical education teacher	57
O.	861	Printing trades	106
	758	Computer operator, etc.	78
	798	Miscellaneous administrative	38
	797	Miscellaneous clerical	112
	864	Draftsman	101
	738	Supervisor (in a business)	87
	661*	Police (public)	151

TABLE 5-2. (Continued)

Job Family	Career Code	Career	No. of cases
P.	811	Electronic technician	212
	125	Electronics (NEC)	156
	299	Lab technicians, research assts., etc. (in physical sciences)	78
	222*	Computer programer	121
	347**	Medical and dental technicians; technicians in biol. and clinical sciences	16
	348**	Medical and dental technologists	27
Q.	102	Foreman (NEC)	49
	810	Electrician (NEC)	168
	812	Appliance repair	55
	820	Mechanic (NEC)	116
	821	Auto mechanic	74
	822	Airplane mechanic	68
	828	Machinist	176
	832	Carpenter	55
	833	Metal trades	92
	834	Bricklayer, mason roofer, printer, plasterer, etc.	62
	835	Plumber, pipefitter	72
	837	Misc. building and construction	71
	899	General labor (unspecialized)	277
	853	Auto, bus, and truck drivers	85
	824**	Industrial machine repair	21
	813**	Phone installation, repair, maintenance	39
	838**	Mining, quarrying, well-drilling	16
	836**	Operating earthmoving equipment; roadbuilding	47
R.	631	Farm or ranch owner	128
	639	Farming: other and miscellaneous	244
S.	661*	Police (public)	151
	666	Fireman	41
	640	U.S. Armed Forces (rank unspecified)	54
	641**	U.S. Armed Forces enlisted personnel	13
Y.	001	(Undecided)	803

*Included in more than one group.

**Tentatively included in the group, on the basis of subjective decision, since the N is too small for conclusive empirical data.

TABLE 5-3. Range of Inter-career D^2 Values within Job Families

(Based on principal components*** of 64 cognitive variables or 45 noncognitive variables.)

			Range of D^2 values (Formula 7)		
Job Family	No. of Career Groups	No. of within-family D^2 values per matrix	Cognitive	Noncognitive	
A	1	0	----	----	
B*	16	120	.29-1.55	.18-1.82	Business and industry
B**	19	171	.29-3.80	.18-3.05	
C	1	0	----	----	
D*	7	21	.46-1.33	.40-1.29	Engineering and applied physical science
D**	12	66	.46-6.15	.40-4.06	
E*	4	6	.97-1.56	.83-1.31	Math and physical science
E**	5	10	.97-2.59	.83-1.87	
F*	2	1	1.57	1.27	Biological sciences
F**	6	15	1.57-6.09	1.27-6.49	
G	4	6	.79-1.30	.77-1.69	People-oriented, scientific
H	4	6	.54-.96	.63-.90	Social sciences
I	1	0	----	----	
J	1	0	----	----	
K	6	15	.47-1.81	.38-1.32	People-oriented, non-science
L	1	0	----	----	
M	1	0	----	----	
N	1	0	----	----	
O	7	21	.62-1.39	.59-1.59	Miscellaneous skilled
P*	4	6	.34-1.07	.25-.65	Technician
P**	6	15	.34-4.32	.25-2.76	
Q*	14	91	.41-1.60	.29-1.41	Miscellaneous "blue-collar" jobs
Q**	18	153	.41-4.03	.29-3.06	
R	2	1	.45	.20	Farming
S*	3	3	1.03-1.37	.84-1.64	Protective
S**	4	6	1.03-3.90	.84-3.94	
Y	1	0	----	----	

*Excluding careers marked with double asterisk (**) in Table 5-2.

**Including careers marked with double asterisk (**) in Table 5-2.

***The principal components are based on scores of 14123 grade 12 boys who responded to the 5-year follow-up questionnaire. The information about careers was provided in the responses to that questionnaire.

himself into a round hole than there would otherwise be. Figuratively speaking, the full range of jobs should include lots for scalene triangles of different shapes and size.

Conclusions concerning hierarchical methodology. The hierarchical method proved useful in providing insights into the interrelationships, in terms of personnel characteristics, among the various career categories; and because of its conceptual simplicity (the closer together two groups are, and the more they overlap, the more reasonable it is to combine them in a single group) it was hoped that it would turn out also to be a good way of combining groups on an objective basis, for practical use in guidance. In this respect, unfortunately, hierarchical analysis, at least as applied here, to these data, seemed to be substantially less than 100 percent effective. It provided hints and clues, but it turned out that considerable subjective judgment would be necessary (in determining at what point to stop merging, for instance; no single uniform quantitative criterion could be established which would be equally applicable to all groups in determining when to stop adding more career categories to them), in order to end up with practical and useful groups. Thus hierarchical analysis of the type used here does provide clues, insights, and a first approximation to a scheme for grouping career categories, but no definite answers and no classification scheme that can be considered more than tentative. This leads us to the next chapter, in which an approach is described that st[illegible]s with similar data -- a matrix of d^2 (Formula 5) values -- but does not [illegible]e a formal hierarchical analysis. The approach discussed in the next chapter has the major advantages of simplicity and practicality.

Chapter 6. DEVELOPING AN OCCUPATIONAL GROUPING FOR USE IN CAREER PLANNING

John C. Flanagan

The previous chapter reported studies of a statistical nature searching for occupational clusters. The present chapter describes an effort to develop a practical occupational grouping for use by students in planning their careers.

Leaders in vocational guidance have been urging for some years that the student delay making his final choice of an occupation as long as possible. They counsel that educational planning, particularly at the secondary school level, should leave as many doors as possible open to the student. The many thousands of occupations available make it very difficult for the student to select a single one early in his high school career. Studies following up students in Project TALENT have clearly demonstrated that high school choices of occupations are both transitory and inappropriate.

The present effort to obtain a useful grouping for the convenience of the student has made use of a wide variety of information. One of the most important decisions of students is the course of study he will follow in high school. This fact strongly suggests that a basic feature of the grouping should be whether or not the occupations in a group require college training. A closely related factor is the nature of the high school courses required for entry into the job, the apprenticeship, the training, or the college course which is necessary for a particular occupation. Interests provide another basis for classifying occupations, since the interests of the student are becoming an increasingly important factor in determining the occupation he will enter. Many studies have demonstrated that abilities of all types can be developed by the student through concentrated efforts, but it is also clear that by the time the student has reached high school practical limitations of time make it very difficult to achieve major changes in ability levels. In addition to general academic ability level, necessary for an occupation which is most heavily dependent upon ability to read and understand materials, one must consider also special abilities for dealing with mathematical concepts, spatial and mechanical relations, clerical skills, and a number of other special aptitudes as, for example, art, music, or the theater.

Based on these considerations, together with substantial experience over many years of determining the abilities, aptitudes, and interests which are related to particular occupational activities, a tentative definition of 12 occupational groups was made. Perhaps not surprisingly, this initial set of 12 groups looked quite similar to the Project TALENT interest scales. In the development of this latter group of 17 scales, empirical studies of both the homogeneity of the items in the scales and their uniqueness had been done. To obtain the final allocation of occupations to these 12 groups, the TALENT 5-year follow-up data, based on 14,125 grade 12 males and 14,703 grade 12 females were used. The findings from these groups were checked using the results from the grade 11 classes.

The students who had responded to the Project TALENT questionnaire sent them five years after they completed high school were grouped according to the occupation which they said they planned to make their career. The occupational group membership of a respondent was purified to include only those respondents who reported specific career plans and who were also making reasonable progress toward attaining these plans. Only those respondents who were actually in a job or who were in a position or general type of training program which could lead to this job were included. The occupational career codes were categorized according to their responses to certain key items on the 5-year follow-up questionnaire (see Figure 6-1).

For those occupations with no clear entry routes or entry requirements, such as salesclerk or miscellaneous clerical, the student's statement that he is a member, or will be a member, is not challenged and no purification rules are applied.

In the case of occupations for which there are no clear entry routes and few entry requirements, such as secretaries, farmers, and plumbers, an individual's statement that he intends to enter one of these occupations is accepted if he indicates elsewhere on the questionnaire that he already holds a job in the area or claims that he has received some special training or experience in the last five years that is directed toward that job. Any of the responses A-E for item 8B as shown in Figure 6-1, or A-H for

FIGURE 6-1. Selected items from Project TALENT five-year follow-up questionnaire for twelfth grade students

6. If you had a paid job as of October 1, 1965:

(a) What was this job called? ____________

(b) What did you do on it? ____________

____

____

8. (a) What occupation do you plan to make your life work? Be as specific as possible. (For instance, if military service, specify type of work.)

____

____

____

(b) What steps have you taken in this direction? Mark as many as apply.

☐ 8 a. I now have a regular job in this field.
☐ 4 b. I now have a job as a trainee in this field.
☐ 2 c. My present job may lead to work in this field.
☐ 1 d. I am doing volunteer work in this field.
☐ 1 e. I have had special training or education in this field.
☐ 9 f. None of the above.

(c) If you have had special training or education in this field, how or where did you get it? (Mark as many as apply.)

☐ 1 a. In high school.
☐ 2 b. In college as an undergraduate.
☐ 4 c. In graduate school or professional school after college.
☐ 8 d. In some other kind of school, since high school.
☐ 1 e. An apprenticeship program.
☐ 2 f. On-the-job training (informal or formal).
☐ 4 g. An informal program: reading or other independent study.
☐ 1 h. Some other way.
☐ 9 i. I have had no special training or education in this field.

20. Did you attend any other type of school?

☐ No.
☐ Yes, a technical institute for electronics, drafting, computer programming, or something similar.
☐ Yes, a school of nursing (3-year program).
☐ Yes, a school of practical nursing.
☐ Yes, a secretarial or business school.
☐ Yes, a trade or apprentice school or vocational school.
☐ Yes, an armed forces enlisted-man's school.
☐ Other. (Please specify.) ____________

21. Which of the following licenses, certificates, or diplomas have you obtained or do you plan to obtain?
(Mark as many as apply.)

(a) Have Rec'd.	(b) Plan to Obtain	
☐	☐	1. Certificate based upon apprenticeship or on-the-job training. (Describe) ____________ ____________
☐	☐	2. Certificate or license based upon correspondence or other specified courses. (Please describe.) ____________ ____________
☐	☐	3. Trade school certificate.
☐	☐	4. Business school or secretarial diploma.
☐	☐	5. Practical nursing certificate.
☐	☐	6. RN (Registered Nurse)
☐	☐	7. Certificate from a technical institute.
☐	☐	8. CPA (Certified Public Accountant).
☐	☐	0. None of the above.

22. Which of the following college degrees or diplomas have you earned or do you plan to earn?
(Mark as many as apply.)

(a) Have Rec'd.	(b) Plan to Obtain	
☐	☐	0. None
☐	☐	1. Junior college diploma (e.g. Associate in Arts, etc.)
☐	☐	2. B.A., B.S., B.B.A., B.F.A. (e.g., B.A. in History, B.S. in Ed., etc.)
☐	☐	2. Other bachelor's degree (Specify). ____________
☐	☐	3. M.A. or M.S.
☐	☐	3. Other master's degree (Specify). ____________
☐	☐	4. Ph.D. or Ed.D.
☐	☐	5. LL.B. (law)
☐	☐	6. M.D. (medicine)
☐	☐	7. D.D.S. (dentistry)
☐	☐	8. Other professional degree (Specify) ____________
☐	☐	9. Other (Specify) ____________ ____________ ____________

25. As an undergraduate, in which of the following areas was or is your major in college and which was (is) your minor? (If you did not have a formal minor, mark the other area in which you took the most courses.) Also, if you are a graduate student, what is your graduate major? (Mark ONE for each.)

(a) Undergraduate Major	(b) Undergraduate Minor	(c) Graduate Major	
☐	☐	☐	01. Mathematics
☐	☐	☐	02. Physical Sciences
☐	☐	☐	03. Biological sciences
☐	☐	☐	04. Psychology
☐	☐	☐	05. History
☐	☐	☐	06. Economics
☐	☐	☐	07. Social sciences (other)
☐	☐	☐	08. Social work
☐	☐	☐	09. English
☐	☐	☐	10. Foreign languages
☐	☐	☐	11. Fine Arts
☐	☐	☐	12. Music
☐	☐	☐	13. Philosophy
☐	☐	☐	14. Religion or Theology
☐	☐	☐	15. Law (Pre-Law)
☐	☐	☐	16. Medicine (Pre-Medicine)
☐	☐	☐	17. Dentistry (Pre-Dentistry)
☐	☐	☐	18. Nursing
☐	☐	☐	19. Other health professions
☐	☐	☐	20. Engineering
☐	☐	☐	21. Architecture
☐	☐	☐	22. Elementary education
☐	☐	☐	23. Physical education
☐	☐	☐	24. Education (other)
☐	☐	☐	25. Accounting
☐	☐	☐	26. Business and commerce
☐	☐	☐	27. Home Economics
☐	☐	☐	28. Agriculture or Forestry
☐	☐	☐	29. Some other (please specify.) ____________
☐	☐		00. None – I do not intend to earn a bachelor's degree.
		☐	00. None – I am not doing graduate work.

28. Please indicate your present class status in college (or the highest level you have reached).

☐ Freshman
☐ Sophomore
☐ Junior
☐ Senior
☐ I have already earned a bachelor's degree, and have not done any graduate work.
☐ I have already earned a bachelor's degree, and am or have been a graduate student.

23. What colleges or universities have you attended as an undergraduate? If you have already earned a bachelor's degree, please specify the degree, and the month and year received. (Put the college you last attended or are now attending first.)

Name of College or University	City and State	(a) Dates Attended	(b) Degree Earned	(b) Date Mo. Yr.

item 8C, or 6A when the response to 6A is identical to 8A was sufficient for retention in these occupational groups. Students who were rejected for CPA were counted as Group 717: accountant, auditor, comptroller (except CPA).

For those occupations requiring licensing or certification, such as CPA, but not requiring a single route of preparation for obtaining that certificate, if the student responds to column A or item 21 (i.e., have received), no further checks are made and he is accepted for membership in that group; if the student responds to column B of item 21 (i.e., plan to obtain), the student must have a "one" coded for item 23A (i.e., has indicated a college) or have made a specific response to item 20 in order to be accepted for membership in these groups.

Other occupations, like social work or teaching, require at least an undergraduate degree for entrance into the field. If the student's response is column A of item 22, (i.e., have received) for educational levels 2-8, he is accepted for membership in the group; if he answers in column B to item 22 (i.e., plan to obtain) for educational levels 2-8, question 23A must be coded as a "one" to show some experience with a college degree program in order for the student to be accepted for membership in these groups.

For occupations, like chemist, architect, or high school teacher, requiring at least an undergraduate degree for entrance into the field and also requiring education in specified areas, if the student has answered in column A of item 22 (i.e., have received) for educational levels 2-8, he is accepted for membership in the group; if the student answered in column B of item 22 (i.e., plan to obtain) for educational levels 2-8, question 23A must be coded "one" to indicate college contact with a degree program and items 25A, B, C should indicate an appropriate area of study.

Examples of occupations requiring at least a Master's degree for entrance into the field and education in specified areas are psychologist or college teacher. If the student has either answered item 22A (i.e., have received) for educational levels 3-8 or has answered "6" to item 28 indicating he is in graduate school, he is accepted for membership in the group; if the student answered 22B (i.e., plan to obtain) for educational levels 3-8, question 23A should be coded as "one" to show experience in a college degree program and 25A, B, C should indicate an appropriate area of study.

Other occupations which require a special degree are M.D. or LL.B. If the student answers item 22A (i.e., have received) as either 5,6,7, or 8, he is accepted for membership in the group; if he answers item 22B (i.e., plan to obtain), question 28 must indicate that the student has attained at least junior year standing in undergraduate college. For law only, item 23A coded as "one" is required for inclusion.

Occupations chosen by less than ten males or females in any one class, such as grade 12, were eliminated from the data. It was felt that a minimum of about 40 or 50 cases from all classes combined would be necessary to make valid generalizations. The means and standard deviations then were calculated on each of 64 cognitive and 45 noncognitive variables for the males and for the females in both the 11th- and 12th-grades. These data, particularly the means, were inspected to determine whether the tentative job clusters were in fact homogeneous. For example, initially there had been some indecision as to whether architects should be classified with physical scientists and engineers or with the students in the fine arts group. A study of the means indicated that architects were much more similar to scientists and engineers than to the other groups, and they were classified accordingly. A second change which was made on the basis of this original study of the means concerned the occupation of computer programmer. We had initially thought that this occupation should be classified with mathematicians and engineers, but it was found that the persons who five years out of high school were either computer programmers or planning to be computer programmers had scores more like those in the technician group.

A related type of check was made by computing point-biserial correlation coefficients between each of the variables and each of the occupational groups. These correlations are, of course, primarily a function of the difference between the means for the occupational group and the total group, including all occupations and the proportion of students in the specific occupation being correlated. The multiple correlation coefficient was also calculated to determine how well the entire group of variables would predict membership in a specific occupational group. This same operation was done separately for the cognitive variables and noncognitive variables.

Multiple correlation coefficients are also very seriously effected by the size of the occupational group. Groups containing only a very small proportion of the cases cannot obtain a very high point-biserial or corresponding multiple correlation coefficient even though some of the tests discriminate almost perfectly between them. To obtain a more meaningful comparison of the results from the different occupational groups, the multiple correlations were adjusted by obtaining the ratio of the multiple correlation coefficient calculated using the point biserials and the maximum coefficient which would be possible with the dichotomy in the samples. These values are equivalent to the biserial correlation coefficient values as contrasted with point-biserial values. Comparison of these adjusted multiple correlation coefficients and also of the beta weights provided a further check on the similarity of the occupations within the initial clusters.

The final check on the selected job clusters consisted of comparing the d-square values between an occupation and the other occupations within the group in which it was classified and the d-square values for the occupation as compared with each of the other occupations in the other eleven groups. These d-square values represented the square of the distance apart of the two occupations in n-dimensional space, where n represented the number of variables. To make these distances more useful, the variabilities of all variables were transformed to unit values. As an aid in comparing these values, median values for d-square were calculated to summarize the d-square values between each occupation and all of the occupations within each one of the 12 occupational groups. The d-square analysis for males was done for only the 74 occupations which were chosen by at least 30 students in the 12th-grade follow-up group. The d-square analyses were carried out separately for the 64 cognitive variables and 45 noncognitive variables, and the analyses were repeated for the same occupations on the 11th-grade follow-up group. In the d-square analysis for females, only about 45 occupations had enough students, 30 or more, to justify inclusion. The d-square analyses for females were carried out on both the 11th- and 12th-grade groups using the 64 cognitive variables and the 45 noncognitive variables. As a result of these analyses, two additional changes in grouping were made. Both airplane pilot and military officer had originally been classified with engineers and scientists. They both appeared to fit much better with the business administration group.

Although it is possible that data from the ten year follow-up study may modify some of these groups, the general agreement between the results for 11th- and 12th-grade students indicates that they should be very useful for general guidance purposes. Table 6-1 lists the 64 cognitive and 45 noncognitive variables used in these analyses. In Table 6-2 are shown the 74 occupations used in the final d-square analysis for males grouped according to the final classification into the 12 job families. Table 6-3 shows a similar grouping for the 45 occupations used in the female analysis classified into the 12 job families. The number of cases used in these analyses are shown on the tables.

In Table 6-4 the multiple correlations adjusted to eliminate the effect of group size are shown for each of 27 occupations for males for both 11th-and 12th-grade groups.

The separately bound Appendix II contains more than 300 pages of tables presenting means, standard deviations, d-square values, and correlation coefficients, and multiple correlation coefficients representing the ability of the 109 cognitive and noncognitive variables to discriminate among the 74 occupational groups. Table 6-4, presented in the chapter, contains just a few summary statistics which indicated the extent to which this combination of 109 variables can discriminate, on the basis of their performance while in high school, the students who five years later are planning careers in a given occupational group and seem likely to carry out their plans from the total group of all other students.

Perhaps the first observation which might be made from this table is the extent of agreement between the results based on the 11th-grade students and the 12th-grade students. This type of similarity certainly gives greater confidence in results of this type. The inclusion of some relatively small groups such as those in music and theater also emphasize the possibility of capitalizing on chance errors which may occur when sample sizes get too small. Another important generalization which is

TABLE 6-1. 64 Cognitive and 45 Non-Cognitive Variables

I. 64 Cognitive Variables

Information Test - Part I

R-101 Screening
R-102 Vocabulary
R-103 Literature
R-104 Music
R-105 Social Studies
R-106 Mathematics
R-107 Physical Science
R-108 Biological Science
R-109 Scientific Attitude
R-110 Aeronautics and Space
R-111 Electricity and Electronics
R-112 Mechanics
    a. Tools and Construction
    b. Motors and Mechanisms
R-113 Farming
R-114 Home Economics
    a. Cooking
    b. Other
R-115 Sports

Information Test - Part II

R-131 Art
R-132 Law
R-133 Health
R-134 Engineering
R-135 Architecture
R-136 Journalism
R-137 Foreign travel
R-138 Military
R-139 Accounting, Business, Sales
R-140 Practical Knowledge
R-141 Clerical
R-142 Bible
R-143 Colors
R-144 Etiquette
R-145 Hunting
R-146 Fishing
R-147 Outdoor Activities
R-148 Photography
R-149 Games (Sedentary)
R-150 Theatre and Ballet
    a. Theatre
    b. Ballet
R-151 Foods
R-152 Miscellaneous
R-162 Vocabulary (Overlapping)

R-211 Memory for Sentences
R-212 Memory for Words
R-220 Disguised Words

English

R-231 Spelling
R-232 Capitalization
R-233 Punctuation
    a. Punctuation Marks
    b. Sentence Structure
R-234 English usage
R-235 Effective Expression

R-240 Word Functions in Sentences
R-250 Reading Comprehension
R-260 Creativity
R-270 Mechanical Reasoning
R-281 Visualization in two dimensions
R-282 Visualization in three dimensions
R-290 Abstract Reasoning

TABLE 6-1 (Continued)

I. 64 Cognitive Variables (continued)

Mathematics

R-311	Part I. Arithmetic Reasoning
R-312	Part II. Introductory High School Mathematics
R-333	Part III. Advanced High School Mathematics

F-410	Arithmetic Computation	A-410	Arithmetic Computation
F-420	Table Reading	A-410	Table Reading
F-430	Clerical Checking	A-430	Clerical Checking
F-440	Object Inspection	A-440	Object Inspection

II. 45 Noncognitive variables

A-500	Preferences Test

Interest Inventory

P-701	Physical Science, Engineering, Math
P-702	Biological Science and Medicine
P-703	Public Service
P-704	Literary-Linguistic
P-705	Social Service
P-706	Artistics
P-707	Musical
P-708	Sports
P-709	Hunting and Fishing
P-710	Business Management
P-711	Sales
P-712	Computation
P-713	Office Work
P-714	Mechanical-Technical
P-715	Skilled Trades
P-716	Farming
P-717	Labor

Student Activities Inventory

R-610	Sociability
R-602	Social Sensitivity
R-603	Impulsiveness
R-604	Vigor
R-605	Calmness
R-606	Tidiness
R-607	Culture
R-608	Leadership
R-609	Self-confidence
R-610	Mature Personality

SIB Composites

D-802	High School Curriculum
F-803	High School Courses Taken
F-820	High School Grades
F-822	Guidance Recd in HS
F-823	Guidance Recd Elsewhere
P-827	Study Habits and Attitudes
P-828	Self-perception of Writing Skills
P-829	Self-perception of Reading Skills
F-830	Amt. of Extracurr. Reading
P-831	Variety of Extracurr. Group Activities (except sports)
F-832	Degree of participation in Extracurr. Group Activities (except sports)
P-833	Variety of Hobbies (except sports)
F-834	Degree of Activity in Hobbies (except sports)
F-835	Participation in Sports
F-836	Leadership roles
F-837	Social Life
F-838	Work Activities (chores and jobs)

TABLE 6-2. 74 Occupations for Males Grouped into the Twelve Job Families with N's for 11th and 12th Grade Males

1. Engineering, Physical Science, Mathematics, and Architecture

	11M	12M		11M	12M
Mathematician, Statistician	42	46	Mechanical Engineer	139	143
Chemist	93	81	Chemical Engineer	48	58
Physicist	53	64	Architect	64	58
Engineer	248	167	Teacher, HS Mathematics	65	82
Civil Engineer	97	105	Teacher, HS Science	68	50
Electrical Engineer	234	243	Coll/Univ Tchr-Science	48	68

2. Medical and Biological Sciences

	11M	12M		11M	12M
Biologist, Zoologist	48	32	Dentist	92	97
MD-Other	186	229	Pharmacist	89	91

3. Business Administration

	11M	12M		11M	12M
Industry, Business, Commerce	161	141	Efficiency Expert	130	111
Military Officer	111	108	Personnel Administrator	72	81
Banking & Finance, I	66	63	Business Manager	514	511
Banking & Finance, II	114	116	Manufacturing Manager	55	95
Certified Public Accountant	167	280	Whsl/Ret Trade Mktg/Mgt	204	195
Accountant (except CPA)	329	202	Pilot	164	99

4. General Teaching and Social Service

	11M	12M		11M	12M
Social Worker	65	60	Teacher-Physical Educ	57	57
Teacher (NEC)	478	423	Clergyman	177	176
Teacher-HS (NEC)	98	69			

5. Humanities, Law, Social and Behavioral Sciences

	11M	12M		11M	12M
Psychologist	94	106	Coll/Univ Tchr (NEC)	214	179
Lawyer	342	393	Coll/Univ Tchr-Soc Sci	81	85
Teacher-HS Social Studies	85	94	Coll/Univ Tchr-English	44	57

6. Fine Arts, Performing Arts

	11M	12M		11M	12M
Teacher-Music	30	38	Theatre (Other)	25	23
Musician	17	24			

TABLE 6-2 (Continued)

7. Technical Jobs

	11M	12M		11M	12M
Electronics (NEC)	113	156	Electronic Technician	258	212
Computer Programmer	173	121	Draftsman	134	140
Physical Scientist, Lab Tech	100	78	Photographer	37	39
Computer Operator	97	78			

8. Business, Sales

	11M	12M		11M	12M
In Business for Self	255	278	Other Salesman (NEC)	327	350
Supervisor in Business	53	87	Sales Manager	63	73
Insurance Salesman	69	61			

9. Mechanics, Industrial Trades

	11M	12M		11M	12M
Electrician	211	168	Airplane Mechanic	101	68
Appliance Repair	51	55	Machinist	276	176
Mechanic (NEC)	133	116	Metal Tradesman	119	92
Auto Mechanic	112	74	Printing Tradesman	104	106

10. Construction Trades

	11M	12M		11M	12M
Carpenter	63	55	Plumber, Pipefitter	81	72
Bricklyr, Mason, Pntr, Roofer	66	62	Misc Bldg & Constructn	43	71

11. Clerical Jobs

	11M	12M
Miscellaneous Clerical	108	112

12. General, Community Service, Public Service

	11M	12M		11M	12M
Farm & Ranch Owner	123	128	Fireman	48	41
Farming (Other)	204	244	Auto, Bus, Truck Drvr	91	85
Military (Rank not indicated)	51	54	General Laborer	314	277
Police (Public)	188	151			

TABLE 6-3. 45 Occupations for Females Grouped into the Twelve Job Families with N's for 11th and 12th Grade Females

1. Engineering, Physical Science, Mathematics, and Architecture

	11F	12F		11F	12F
Chemist	15	25	Teacher-HS Science	30	41
Teacher-HS Mathematics	36	62			

2. Medical and Biological Sciences

	11F	12F
Registered Nurse	591	703

3. Business Administration

	11F	12F		11F	12F
Teacher-Commercial Education	57	50	Retail Buyer	27	24
Certified Public Accountant	8	25	Advertising	23	32
Accountant (except CPA)	87	50	Personnel Administration	21	25

4. General Teaching and Social Service

	11F	12F		11F	12F
Social Worker	177	190	Teacher-HS (NEC)	81	89
Teacher (NEC)	1326	1194	Teacher-HS Home Econ	68	63
Teacher-Elementary	616	752	Teacher-Handicapped	70	60

5. Humanities, Law, Social and Behavioral Sciences

	11F	12F		11F	12F
Teacher-HS Social Studies	54	68	Coll/Univ Teacher (NEC)	107	90
Teacher-English	132	150	Librarian	77	54
Teacher-Foreign Languages	46	58			

6. Fine Arts, Performing Arts

	11F	12F		11F	12F
Teacher-Art	50	51	Musician	7	11
Teacher-Music	65	58			

7. Technical Jobs

	11F	12F		11F	12F
Computer Programmer	53	45	Med/Dent Technician	138	134
Medical/Dental Technologist	93	101			

8. Business, Sales

	11F	12F		11F	12F
Salesclerk	36	34	Banking & Finance, II	3	4
Banking & Finance, I	13	30			

9. Mechanics, Industrial Trades

None

10. Construction Trades

None

TABLE 6-3 (Continued)

11. Clerical Jobs

	11F	12F		11F	12F
Bookkeeper	100	131	Legal Secretary	45	61
Miscellaneous Acct. Recording	46	27	Steno, Court Reporter	48	69
Keypunch Operator	69	64	Typist, Clerk Typist	68	103
Computer Operator	57	65	Clerk (Misc)	99	137
Secretary (NEC)	851	997	Other "Public Contact"	38	58

12. General, Community Service, Public Service

	11F	12F		11F	12F
Industry, Business, Commerce	26	35	Practical Nurse	168	118
Clothing & Fashion Trades	41	50	General Laborer	62	76
Hairdresser	201	196			

TABLE 6-4. Predictability of groups planning specific careers five years after completing high school

CORRELATION COEFFICIENTS* BASED ON 11TH AND 12TH GRADE MALES
FOR 64 COGNITIVE VARIABLES, 45 NONCOGNITIVE VARIABLES, AND ALL 109 VARIABLES

OG GRP.	OCCUPATIONS	11TH GRADE MALES				12TH GRADE MALES			
		N	64 COGNITIVE VARIABLES	45 NONCOGNITIVE VARIABLES	109 COGNITIVE AND NONCOGNITIVE VARIABLES	N	64 COGNITIVE VARIABLES	45 NONCOGNITIVE VARIABLES	109 COGNITIVE AND NONCOGNITIVE VARIABLES
1.	211 MATH, STAT	42	.58	.54	.70	46	.58	.62	.72
	242 ELECTRICAL ENGINEER	234	.55	.55	.63	243	.59	.62	.69
	232 PHYSICIST	53	.66	.69	.80	64	.63	.56	.72
	250 ARCHITECT	64	.47	.54	.64	58	.51	.57	.69
2.	310 BIOLOGIST, ZOOLOGIST	48	.45	.50	.62	32	.54	.57	.71
	329 MD OTHER	186	.60	.68	.77	229	.60	.75	.83
3.	716 CPA	167	.37	.47	.55	280	.35	.45	.50
	730 BUS MGMT/ADMIN (NEC)	514	.22	.23	.29	511	.20	.27	.32
4.	400 TEACHER (NEC)	478	.28	.32	.38	423	.33	.37	.44
	521 CLERGYMAN	177	.58	.70	.80	176	.58	.66	.78
5.	360 PSYCHOLOGIST	94	.46	.43	.55	106	.45	.52	.60
	393 LAWYER	342	.54	.59	.66	393	.48	.58	.63
6.	551 MUSICIAN	17	.76	.88	1.00**	24	.73	.82	1.00**
	545 COMM ARTIST	54	.54	.81	.90	48	.63	.78	.91
	575 THEATER (OTHER)	25	.66	.56	.81	23	.64	.64	.86
7.	811 ELECTRONIC TECHNICIAN	258	.38	.34	.44	212	.42	.38	.48
	864 DRAFTSMAN	134	.36	.41	.49	140	.38	.44	.52
8.	738 SUPERVISOR IN BUS	53	.41	.40	.54	87	.38	.34	.48
	748 OTHER SALESMAN (NEC)	327	.28	.33	.40	350	.26	.31	.36
9.	821 AUTO MECHANIC	112	.50	.54	.61	74	.52	.58	.68
	810 ELECTRICIAN	211	.35	.35	.42	168	.42	.44	.51
	828 MACHINIST	276	.39	.44	.50	176	.40	.44	.51
10.	837 CARPENTER	63	.52	.45	.59	55	.53	.50	.64
	835 PLUMBER, PIPEFTR	81	.46	.40	.55	72	.46	.42	.55
11.	797 MISC CLERICAL	108	.42	.34	.49	112	.38	.33	.46
12.	853 AUTO, BUS, TRUCK DRVR	91	.49	.51	.61	85	.56	.53	.66
	899 GENERAL LABORER	314	.46	.45	.52	277	.46	.46	.52

*These coefficients are corrected for the limitations imposed by variations in the numbers planning careers in specific occupations by obtaining the ratio of the point biserial multiple correlation coefficient to the maximum coefficient possible with a given dichotomy.

**Due to sampling fluctuations, some coefficients when corrected exceeded 1.00.

substantially clarified by the subsequent discussion, and Table 6-5, is the fact that groups such as business administrators and a miscellaneous group of teachers cannot be at all well differentiated from the total 11th- and 12th-grade classes even with the use of 109 variables.

As Table 6-5 shows, the mean scores of the students entering both of these groups are very close to the mean for all 109 variables. Unfortunately, as a careful survey of the values in the appendix will show, not only are the mean scores close to the mean, but the standard deviations are, in many instances, nearly as large as for the total 11th- and 12th-grade groups. This indicates that these two groups are extremely heterogeneous in terms of all of these variables. It is known that in the case, for example, of teachers of high school mathematics or science, or teachers of art or music, much more homogeneity can be achieved by appropriate classification. Thus, when it is possible to perform analyses using the more specifically defined groups, the predictability of categories within these broad classifications may be greatly improved.

Another important point to be learned from an examination of the values in Table 6-4 is that for predicting future membership in a particular occupational group, the noncognitive variables, in general, are at least as effective as the cognitive variables and for a number of occupations such as physician, CPA, clergyman, lawyer, musician, commercial artist, and possibly draftsman, the noncognitive variables are of more predictive value than the cognitive variables. In practically all cases the combination of the two sets of variables is substantially better than the prediction available from either set by itself. This is an important lesson to be learned because some guidance workers have stressed cognitive variables to the exclusion of the noncognitive group, and other workers have stressed the noncognitive variables and given little emphasis to the cognitive variables. Having solid evidence as to the validity of each of these 109 variables for a large number of occupational groups will provide guidance workers with a much sounder basis for assisting the individual in his planning than has heretofore been available.

Table 6-5 presents the mean scores on selected variables which were obtained when the students were tested in the 11th- and 12th-grades in 1960. These scores are presented for representative occupational groups in the 12 occupational goal groups. To simplify the presentation, the means are

TABLE 6-5. Mean scores in terms of stanines for selected occupations in the 12 long-range occupational goal groups for 11th and 12th grade males

OCCUPATIONS ORGANIZED BY OCCUPATIONAL GROUP			N		INFORMATION TESTS																ABILITIES TESTS												INTEREST SCALES																								PERSONALITY					
					R-103 LITERATURE		R-104 MUSIC		R-106 MATH		R-107 PHYSICAL SCIENCE		R-108 BIOLOGICAL SCIENCE		R-112 MECHANICAL INFORMATION		R-145 HUNTING		R-250 READING COMPREHENSION		R-260 CREATIVITY		R-270 MECHANICAL REASONING		R-282 VISUALIZATION IN 3 DIMENSIONS		R-290 ABSTRACT REASONING		R-311 ARITHMETIC REASONING		F-410 ARITHMETIC COMPUTATION		P-701 PHYSICAL SCIENCE, ENGINEERING, AND MATH		P-702 BIOLOGICAL SCIENCE AND MEDICINE		P-703 PUBLIC SERVICE		P-705 SOCIAL SERVICE		P-707 MUSICAL		P-710 BUSINESS MANAGEMENT		P-711 SALES		P-712 COMPUTATION		P-713 OFFICE WORK		P-714 MECHANICAL, TECHNICAL		P-715 SKILLED TRADES		P-717 LABOR		R-601 SOCIABILITY		R-602 SOCIAL SENSITIVITY		R-609 SELF-CONFIDENCE	
			11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12
1.	211	MATH, STAT	42	46	6	7	5	6	7	7	6	7	5	6	5	6	4	4	6	7	5	6	6	6	6	6	6	6	7	7	6	6	7	7	5	5	5	4	5	4	5	5	5	4	5	4	6	5	5	4	5	4	5	5	5	5	6	5	5	5	5	5
	232	PHYSICIST	53	64	7	6	6	6	8	7	7	7	6	7	6	6	5	5	7	6	6	6	7	6	7	6	7	6	7	7	6	6	7	7	6	6	5	5	4	5	5	5	4	4	4	4	6	5	5	4	5	5	4	4	4	4	4	5	5	5	6	6
	242	ELECTRICAL ENGINEER	234	243	6	6	5	6	7	7	7	7	6	6	6	6	5	5	6	6	6	6	6	6	6	6	6	6	6	6	5	6	7	7	6	5	6	6	4	4	5	5	5	5	4	4	5	5	5	5	6	6	5	5	4	4	5	4	5	5	5	5
	250	ARCHITECT	64	58	6	6	6	6	6	7	6	6	6	6	5	6	5	4	6	6	6	6	6	6	7	7	6	6	6	6	6	5	6	6	6	5	5	5	5	5	6	6	5	5	5	5	5	5	4	5	5	5	4	5	4	5	5	5	5	4	5	5
2.	310	BIOLOGIST, ZOOLOGIST	48	32	6	6	6	6	6	7	6	7	6	7	6	6	6	6	6	6	6	6	6	6	6	6	5	6	5	6	5	5	6	6	6	7	5	4	5	5	5	6	5	4	4	4	4	5	4	5	5	5	5	5	5	4	5	5	5	5	5	5
	329	MD OTHER	186	229	7	7	7	7	7	7	7	7	6	6	5	5	4	5	7	7	6	6	6	6	6	6	6	6	7	7	6	6	6	6	7	8	6	6	5	5	6	6	5	5	5	4	5	5	3	4	4	4	4	4	4	4	5	5	6	6	6	6
3.	716	CPA	167	280	5	5	5	5	6	6	5	5	5	5	5	5	4	4	6	5	5	5	5	5	5	5	6	5	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	6	5	5	7	7	6	6	4	5	4	5	5	5	5	5	5	5	5	5
	730	BUS MGMT/ADMIN (NEC)	514	511	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	5	5	5	5	5	5	5	5	5	5	5	6	5	5	5	5	5
4.	400	TEACHER (NEC)	478	423	5	5	6	5	5	5	5	5	5	5	5	5	5	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	5	5	5	5	5	5	5	5	5	5	4	4	5	4	5	5	5	5	5	5	5	5
	521	CLERGYMAN	177	176	6	6	6	6	6	6	5	6	5	5	5	5	4	4	6	6	5	5	5	5	5	5	6	6	6	6	5	5	5	5	5	5	5	5	7	7	6	6	5	5	5	5	5	5	4	5	4	4	4	4	4	5	5	5	6	6	5	6
5.	360	PSYCHOLOGIST	94	106	7	6	6	7	6	6	6	6	6	6	5	5	5	4	6	6	6	6	5	6	5	6	6	6	6	6	5	6	6	6	6	6	5	6	5	6	6	6	5	5	5	5	5	5	4	4	4	4	4	4	4	4	5	5	6	6	5	5
	393	LAWYER	342	393	7	6	6	6	7	6	6	6	6	6	5	5	5	5	7	6	6	6	5	6	5	5	6	6	6	6	6	6	5	5	6	6	7	7	5	5	5	5	6	6	6	5	5	5	4	5	4	4	4	4	4	4	6	6	6	6	6	6
6.	551	MUSICIAN	17	24	6	5	7	7	5	5	4	5	5	4	5	5	4	4	5	5	4	5	4	5	5	4	5	5	5	5	5	5	4	4	5	5	4	4	5	5	9	9	5	4	4	4	4	4	4	5	4	4	4	4	5	4	5	4	5	6	6	4
	575	THEATER (OTHER)	25	23	6	7	6	7	5	5	5	6	5	5	4	6	4	4	5	6	5	6	5	6	5	6	5	6	5	6	5	5	4	5	5	6	5	6	5	5	6	7	5	6	5	5	4	4	5	5	4	5	4	5	4	5	6	5	5	6	6	6
7.	811	ELECTRONIC TECHNICIAN	258	212	5	5	5	5	5	5	5	5	5	5	6	6	5	5	5	5	5	5	6	5	6	6	5	5	5	5	5	5	5	6	5	5	4	4	4	4	5	5	4	4	4	4	5	5	5	5	6	6	5	5	5	5	4	5	5	4	5	5
	864	DRAFTSMAN	134	140	4	4	4	4	4	4	4	4	5	5	5	5	5	5	4	4	5	5	5	5	5	5	5	5	4	4	5	5	5	5	5	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	5	5	5	5	4	4	4	4
8.	738	SUPERVISOR IN BUS	53	87	4	4	4	4	4	4	4	4	5	4	5	5	5	5	4	4	4	5	5	5	5	5	4	4	4	4	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	6	5	6	6	6	5	5	5	5	5	4	5
	748	OTHER SALESMAN	327	350	5	5	5	5	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	5	5	5	5	5	5	5	5	5	6	5	6	6	5	5	5	5	5	5	5	5	5	5	6	6	5	5	5	5
9.	810	ELECTRICIAN	211	168	4	4	4	4	4	4	4	4	4	4	5	5	5	5	4	4	4	4	5	4	5	5	4	4	4	4	5	4	5	5	4	4	4	4	4	4	5	4	5	5	5	5	5	5	5	5	6	6	6	6	6	6	5	5	4	4	5	5
	821	AUTO MECHANIC	112	74	4	3	3	4	4	3	4	4	4	4	5	5	5	5	4	4	4	5	5	5	5	5	4	4	4	4	4	4	5	4	4	4	4	4	4	4	5	4	4	4	5	4	4	4	5	5	7	6	6	6	6	6	4	4	4	4	4	4
10.	837	CARPENTER	63	55	3	3	4	3	3	3	3	4	4	4	5	5	6	6	3	3	4	4	4	4	4	5	4	5	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	4	5	5	4	5	5	5	6	6	6	7	6	6	4	5	4	4	4	4
	835	PLUMBER, PIPEFTR	81	72	4	4	4	4	4	3	4	4	4	4	5	5	6	5	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	4	5	4	4	5	5	4	5	5	5	5	5	5	4	5	5	6	6	6	6	6	6	5	5	4	5	5	5
11.	797	MISC CLERICAL	108	112	4	4	4	5	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	5	5	6	5	6	6	5	5	4	5	5	5
12.	853	AUTO, BUS, TRUCK DRVR	91	85	3	3	4	3	3	3	4	3	4	4	5	5	5	5	3	3	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	5	4	4	4	4	4	5	4	4	4	4	5	5	6	6	6	6	6	6	5	5	4	4	5	4
	899	GENERAL LABORER	314	277	3	3	4	4	3	3	4	3	4	4	4	4	5	5	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	4	5	5	5	5	5	4	5	5	5	6	6	6	6	6	5	5	4	4	4	5

presented in the form of stanines. In interpreting the stanine values presented in Table 6-5, it will be useful to keep in mind that a stanine of 1 includes percentile values from 0-4, 2 from 4-11, 3 from 11-23, 4 from 23-40, 5 from 40-60, 6 from 60-77, 7 from 77-89, 8 from 89-96, and 9 from 96-100.

Table 6-5 shows that the students who five years after graduation from high school are planning to enter one of the occupations in the first long-range occupational goal group were characterized by high information scores, especially in literature, mathematics, and physical sciences. On the other hand, their knowledge of hunting of the type learned primarily through actual hunting experiences tended to be average or below average. Their most outstanding ability was in arithmetic reasoning, but they were relatively high in all of the ability measures, with the mean stanine scores being mostly 6's and 7's. In general the students going into these occupations had 7's in the interest scale dealing with physical science, engineering, and mathematics, and mostly 4's and 5's in the other interest areas. The exceptions were that architects have mean scores of 7 on the artistic scale (not shown in Table 6-5) and 6 on the music scale and that some of the groups had means of 6 on the biological science and medicine and the computation scales. The electrical engineers also have means of 6 on the mechanical-technical scale. The personality variables for most of these occupation groups yielded means of 5, except that physicists had 6 in self-confidence. The ability variables which discriminate among the four occupations in this first group include arithmetic reasoning, in which the mathematics and physics groups had means of 7 and the architects and electrical engineers had means of 6, and the test of visualization in three dimensions, in which the architects had a mean of 7. In the information tests the discriminations were similar to those for the interest scales, with the physicists and the electrical engineers scoring a little higher on the test of physical science and mechanical information and the architects somewhat higher on architectural information (not shown in Table 6-5).

The second occupational goal group, which is represented by biologists and physicians in Table 6-5, also had generally high scores on the information tests. The physicians had means of 7 in literature, music, mathematics, and physical science, while the biological scientists had means of mostly 6 in these tests, but were slightly higher in the test of biological science than the physicians. The biological scientists also had mean stanine scores of 6 in mechanics, as compared to 5 for the physicians. The biological scientist group is the only one among the occupational groups which require college training in which the students had achieved mean scores as high as 6 on hunting information; all of the others, including physicians, had means of 4 or 5. On ability tests, the physicians had mean scores of 7 on reading comprehension and arithmetic reasoning; on the other ability measures their means were 6. The biological scientists had mainly means of 6, but had 5 on arithmetic computation and between 5 and 6 on arithmetic reasoning and abstract reasoning. For the interest scales the physicians' mean scores were between 7 and 8 on the biological science and medicine scale and were 6 for the physical science, engineering, and mathematics scale, the public service scale, and the musical scale. The biological scientists' mean scores were between 6 and 7 on the biological science and medicine scale and 6 on the physical science, engineering, and mathematics scale and on the hunting and fishing scale (not shown in Table 6-5). Most of the mean scores for both occupations on the remaining scales were 4's and 5's. The biological scientists' mean scores were all 5's on the personality characteristics. The physicians had mean scores of 6 on both social sensitivity and self-confidence.

In the third group those in the business administration category had mean stanine scores of 5 on all the seven information tests in Table 6-5. The CPA group had mean scores of 5 on all of the tests except mathematics information, on which their mean was 6, and hunting information, on which their mean was 4. Again on the ability measures, the business administration group had means of 5 on all seven variables except for a 6 obtained by the 11th-grade group on arithmetic reasoning. The CPA group obtained mean scores of 6 in arithmetic reasoning and arithmetic computation, and the 11th-grade group of CPA's also obtained means of 6 in reading comprehension and abstract reasoning. The interest scales show mean scores for the CPA's of 7 and 6 for the computation and office work scales respectively. The 12th-grade CPA group and the 12th-grade business administration group had a mean of 6 on the business management scale. All other business administration means were 5. The only mean in either of these two occupations other than 5 on the personality variables was a 6 for the 11th-grade business administration group for the sociability measure.

Occupational group 4 is represented in Table 6-5 by teachers and clergymen. It should be noted that the teachers include slightly less than half of the total group reporting that they were entering the field of teaching at various levels. This is the "not elsewhere classified" group and probably includes elementary, junior high school, and vocational school teachers as well as some from the secondary school. Teachers who reported a teaching field such as music or elementary school or foreign languages were classified in more specific categories. This group was used partly because it was the largest category. These teachers had mean stanine scores right at the average of 11th- and 12th-graders for all information and ability tests except for the 11th-grade group's performance on musical information and reading comprehension, which were at the stanine 6 level. The mean scores for both grades were 6 for the social service scale, and the 12th-grade group also obtained a mean of 6 on the public service scale. These teachers were a little below the mean for all 12th-graders in their interest in mechanical and technical things, as revealed by a mean stanine score of 4 on that scale. For the 12th-grade group the mean on the skilled trade scale was also 4. All other means were 5. The clergymen tended to have a little better scores for some of the measures on the information and ability tests than did this group of teachers. The mean score of the clergymen on literary, musical, and mathematics information was 6 for both grades. For the 12th-grade group it was 6 in physical science information, and for both grades it was 4 in hunting information. Interestingly, both of these groups obtained mean stanine scores of 7 in biblical information when tested in the 11th- and 12th-grades respectively in high school (not shown in Table 6-5). On three of the seven ability tests, the clergymen had mean scores of 6. These tests were reading comprehension, abstract reasoning, and arithmetic reasoning. Their mean scores on the other ability scales were 5. The clergymen showed the expected high score on the social service scale, having a mean of 7. They also had means of 6 on the music scale. Probably the other most noteworthy findings for these interest scales were the mean scores of 4 on the mechanical, technical scale and also on the skilled trades scale. The clergymen also showed the expected above average scores on the social sensitivity variable, having means of 6. The 12th-grade group also had a mean stanine score of 6 on the self-confidence measure.

Occupational group 5 represented by psychologists and lawyers tended to show mostly stanine 6 mean scores on the information and ability tests. The exceptions to this were the mean scores of 7 on literature information achieved by both psychologists and lawyers in the 11th-grade group, and a mean score of 7 for the psychologists in the 12th-grade on music information and for the lawyers in the 11th-grade on math information. Both groups had mean scores of 5 in both grades on the mechanical information and the hunting information except that the 12th-grade psychologist group obtained only a mean score of 4 on hunting information. The only 7 achieved by either group on the ability test was for the 11th-grade lawyer group, which obtained this mean for the reading comprehension test. The only mean ability scores for the psychologists that were not 6 were for the 11th-graders in mechanical reasoning, visualization in three dimensions, and arithmetic computation. These mean scores were all 5. For the lawyers, the mean scores for the 11th-grade mechanical reasoning test and for both grades in the visualization in three dimensions test were 5. The lawyers showed a rather distinctive pattern on the interest scales with mean scores of 7 on the public service scale, 6 on the business management and biological science and medicine scales, and 6, for the 11th-grade group only, on the sales scale. Scores on the other scales were 5 except for the labor scale, the skilled trades scale, and the mechanical/technical scale where they had 4's, and the office scale, where 11th-graders obtained a mean score of 4 and the 12th-graders a mean score of 5. The psychologists also had mean scores of 6 on the biological science and medicine scale but had higher scores with means of 6 on the physical science, engineering, and math scale and the musical scale. On both the public service scale and the social service scale, the 11th-grade psychologists had mean scores of 5 and the 12th-grade psychologists had mean scores of 6. Their other mean scores were all 5's, except that they obtained mean scores of 4 for office work, mechanical/technical, skilled trades, and the labor scale. On the personality variables the lawyers' self-description ratings indicated they evaluated themselves a little higher than average with means of 6 on the sociability, social sensitivity, and self-confidence scales. The psychologists had mean scores of 5 on both sociability and self-confidence but means of 6 on the social sensitivity scale.

Group 6 was represented by rather small numbers of respondents in the musician and theater category. Theater (other) excludes those who said they were planning careers as actors in the theater. On the information tests the musicians' mean scores varied quite a bit from 7 in music information to 6 and 5 mean scores for the 11th- and 12th-grade groups respectively on literature information, with the other scores being 5, except for 4's for both groups on hunting information and 4's for the 11th-grade group on physical science and for the 12th-grade group on biological science. The theater group had high scores on both literature and music, with the 11th-grade group having mean stanine scores of 6 on both tests and the 12th-grade group showing mean stanine scores of 7 on both tests. They also had mean stanine scores of 4 on the hunting information test. The 12th-grade group had a mean score of 6 on the physical science test. On the mechanical information test, the 11th-grade group was a little below the mean and the 12th-grade group a little above the mean, having mean scores of 4 and 6 respectively. This variation appears to have been due to the relatively small numbers of cases in these two groups, 25 and 23 respectively. The musicians' scores on the ability scales were mostly 5's with one grade or the other obtaining a mean score of 4 on creativity, mechanical reasoning, and visualization in three dimensions. The theater group again showed a consisent difference in performance of 11th- and 12th-grade groups on the ability tests, with the 11th-grade group obtaining scores of 5 on all seven tests and the 12th-grade group obtaining mean scores of 6 on all of the seven tests except the arithmetic computation test. On the interest scales, the musicians showed their peak performance, having mean stanine scores of 9 on the musical scale, along with means of only 5 for both grades on the biological science and medicine, and the social service scales, and either 4's or a 4 and a 5 on all of the other interest scales. The theater group had mean scores of 6 and 7 for grades 11 and 12 respectively on the musical scale, and the 12th-grade group had mean stanine scores of 6 on the biological science and medicine scale, the public service scale, and the business management scale. The mean scores on the remaining scales were 4's and 5's. Both the musician group and the theater group had mean scores of 5 and 6 for the 11th- and 12th-grades respectively on social sensitivity. The 12th-grade musician group had a mean score of only 4 on sociability and the 11th-grade theater group had a mean score of 6 on this measure. The means of the other two grades on sociability were 5's. The 11th-grade musician group and both of the theater groups had means of 6 on self-confidence, but the 12th-grade musician group had a mean of only 4. Again, this fluctuation is probably due to the small numbers of cases, 17 and 24 in the musician group.

Turning to the occupations not requiring college graduation, the seventh group is represented by electronic technicians and draftsmen. The electronic technicians' mean scores are at the mean for all 12th-grade students on all of the seven information tests except the mechanical information test. On this test the electronic technicians have a mean score of 6, which is as high as that of any of the 25 occupations in this table, including such college groups as physicists and electrical engineers. The draftsmen obtained means which represented slightly below average scores on the first four information tests, which tend to have a more academic flavor. They obtained mean scores at the average for the 12th-grade group, that is, mean stanines of 5, for biological science information, mechanical information, and hunting information. On the ability measures the electronic technicians again have mean scores right at the middle of the 11th- and 12th-grade student groups on all of the tests except two on which they tend to be a little higher. The 11th-grade group of electronic technicians has a mean score of 6 on mechanical reasoning, and both grades have mean scores of 6 on visualization in three dimensions. The draftsmen have mean scores at the mean for the total students groups in five of the seven tests. On two which have a more academic relation, reading comprehension and arithmetic reasoning, their scores drop to mean values of 4. On the interest scales both the electronic technicians and the draftsmen had above average stanine mean values of 6 on the mechanical/technical scale. The draftsmen also had mean scores of 6 on the skilled trades scale. The remainder of the draftsmen's mean scores were 5 except for those on the public service and social service scales and for the 12th-grade on the biological science and medicine scale, these means being 4. The 12th-grade electronic technician group obtained a mean score of 6 on the physical science, engineering, and mathematics interest scale. Most other scores were 5 except that again on the public service and social service scales they had mean scores of 4, as they did also on the business management and sales scales. The draftsmen obtained scores a little below average, mean scores of 4, on both the social sensitivity and the self-confidence assessments. The other mean scores for both groups were 5's except for the 11th-grade electronic technician group which had a score of 4 on sociability and for the 12th-grade electronic technician group which had a mean score of 4 on social sensitivity.

The eighth occupational group is represented by persons who reported that they planned careers as supervisors in business and persons who reported they planned careers as salesmen, but were not included in some of the larger groups such as life insurance, real estate, and other specific groups. The supervisors tended to have mean scores below the mean on the first five information tests, except that the 11th-grade supervisor group achieved a mean score of 5 on biological science. On mechanical information and hunting they achieved mean scores of 5. The salesmen had mean scores of 5 on all of the information tests, except that the 12th-grade group obtained a mean of only 4 on the physical science test. On the more academic ability tests, the supervisors also obtained mean scores of 4. These tests included the reading comprehension, the arithmetic reasoning, and the abstract reasoning tests. The 11th-grade supervisor group also had a mean of 4 on the test on creativity. The other ability mean scores for supervisors were 5 on the ability tests. For the salesmen, all ability test scores had mean values of 5. The supervisors had a mean score of 6 on the skilled trades interest scale and the 11th-grade supervisors group also obtained a mean score of 6 on the scales for office work, mechanical/technical, and labor. This group had a mean score of only 4 for the physical science, engineering, and math scale. The salesmen had mean scores of 6 on the sales interest scale. All other values were 5 except for the 11th-grade group which had a mean of 6 on the business management scale and a mean of 4 on the physical science, engineering, and math scale. The supervisors had mean scores of 5 on all of the personality scales except the 11th-grade self-confidence mean, which was 4. The salesmen had mean scores of above average at a value of 6 for sociability, as might be expected.

The ninth occupational group is represented by electricians and auto mechanics. The mean scores for the electricians on the first five information tests were 4. On mechanical information and hunting, they were the average, 5. The scores for the auto mechanics on these last two tests were also 5, but the 12th-grade group had mean scores of only 3 in literature information and math information, and the 11th-grade group had a mean score of only 3 in music information. Their other information mean scores were 4's. The only ability test for which the electricians in both grades reached the average for their respective grades is visualization in three dimensions, where they achieved means of 5. The 11th-grade group also obtained mean scores of 5 on the mechanical reasoning and the arithmetic computation tests. The other mean scores for electricians were all 4's. The auto mechanics achieved mean scores at the average for the 12th-grade group for both mechanical reasoning and visualization in three dimensions, and the 12th-grade group of auto mechanics also achieved mean scores of 5 in the creativity test. The other mean scores for the ability measures were all 4. Both the electricians and auto mechanics tended to have high mean scores on the scales for mechanical/technical interests, skilled trades interests and labor interests. The mean scores on all of these scales for these groups were 6, except that the 11th-grade group of auto mechanics obtained a mean score of 7 for mechanical/technical interest scale. The eletricians had 5's on the other scales, except for the biological science and medicine, the public service, and the social service scales, and the 12th-grade group on the musical scale, for all of which the mean score was 4. For the auto mechanics, mean scores of 5 were obtained for office work and by the 11th-grade group for physical science, engineering, and math, musical, and sales interest scales. All of the other mean values were 4. For auto mechanics all of the mean scores on the personality measures were 4. For the electricians they were 5's for sociability and self-confidence and 4 for social sensitivity.

The tenth occupational group is represented by carpenters and plumbers, including pipefitters. The carpenters achieved mean scores of 6 on hunting information, 5 on mechanical information, 4 on biological science information, and 3 on literature and mathematics information. On music information the 11th-grade group had a mean score of 4 and the 12th-grade group a mean score of 3 on music information, and for the physical science information test the 11th-grade group had a mean score of 3 and the 12th-grade group a mean score of 4. The plumbers had mean scores of 4 on all of the first five information tests, except the 12th-grade group which had a score of only 3 on math information. This group also obtained average scores of 5 on mechanical information, and the 11th-grade group had mean scores of 6 on hunting information, with the 12th-grade group achieving a mean score of 5. On the ability scores, this group tended to be distinctly below the average for all 12th-graders, with most of the values being means of 4. On reading comprehension the carpenters had a mean of 3; the plumbers from the 11th-grade group had a mean of 3, while from the 12th-grade group they had a mean of 4. The carpenters in the 12th-grade group achieved mean scores of 5 for both visualization in three dimensions and abstract reasoning. On the interest measures, the carpenters had a mean stanine of 7 for the 12th-grade group on skilled trades and 6 for the 11th-grade group on this scale. Both grades obtained mean scores of 6 on the labor interest scale and the mechanical/technical interest scale. The plumbers also had mean scores of 6 on all three of these scales. The carpenters' mean scores were 4 on physical science, engineering, and math scales, biological science and medicine scales, and public service scale. They were also 4 for the 11th-grade group on the social service and computation scales and the 12th-grade group on business management scales. The other interest scales showed mean scores of 5. The plumbers also obtained mean scores of 4 on the public service scale and split between 4's and 5's on the physical science, engineering, and mathematics scale, the biological science and medicine scale, the musical scale, and the computation scale. The scores for the carpenters' group were all mean values of 4 on the personality variables, except for the 12th-grade group, which obtained a score of 5 on sociability. The plumbers had mean scores of 5 on the three personality variables except that the 11th-grade group had a mean of only 4 on social sensitivity.

The eleventh occupational group is represented for males only by the miscellaneous clerical category. This occupational group contains mostly secretaries and typists, and most of these are female. The information scores of this group are all represented by mean values of 4, except that the 12th-grade group achieved a mean of 5 in music and 5 in hunting. Their scores on all seven of the ability tests were a little below average at the 4 mean value. On the interest measures, they had mean scores of 6 on both office work and labor, and the 11th-grade group also had a mean of 6 on the skilled trades scale. All of the other interest scores had mean values of 5 except for the physical science, engineering, and mathematics scale, for which the values are 4. All of the personality mean values were 5, except that the 11th-grade group had only a mean of 4 for social sensitivity.

The twelfth, and last, group in this set of occupational categories is represented by auto, bus, and truck drivers and by general laborers. Both of these occupational groups had mean scores of 3 in literature and mathematics information. The 12th-grade drivers also had scores of 3 in music and physical science information. The scores for the 11th-grade groups in these two tests were 4 as was the mean score for the groups on biological science. They obtained average scores for 11th- and 12th-grade students on the mechanical information and the hunting tests. The 12th-grade laborers also obtained a mean score of 3 on the physical science test. The rest of their mean scores were 4 except on the hunting information test, on which they achieved scores of 5. Both the drivers and the laborers achieved mean scores of 3 on the reading comprehension test, and both groups had mean scores of 4 on all of the other six tests, except that the 11th-grade drivers had a mean of only 3 on the arithmetic reasoning test. On the interest scales, both the drivers and the laborers obtained mean scores of 6 for the skilled trades and the labor scales. The drivers also obtained mean scores of 6 on the mechanical/technical scale as do the 12th-grade laborers. The 11th-grade laborers obtained a mean score of 5 on this scale as did both drivers and laborers on the office work scale. The means for the drivers on all of the other interest scales were 4, with the exception that the 12th-grade obtained a mean of 5 on the public service and the business management scales. The laborers had mean scores of 4 on the physical, engineering, and math scales, the biological science and medicine scale, and the public service scale, and mean scores of 5 on the social service, the business management, and the sales scales. On the musical and the computation scales the 11th-grade group of laborers had a mean score of 5 and the 12th-grade groups had means of 4. On the personality tests, both the drivers and laborers had sociability mean scores of 5 and social sensitivity mean scores of 4. On the self-confidence measure each group has one 4 and one 5.

To summarize this discussion of the development and validation of a group of 12 occupational goal groups, there do seem to be marked similarities in the characteristics of the students who five years after graduation from high school are seeking careers in the occupations within an occupational goal group. It should also be emphasized that, as illustrated by the preceding discussion of the interaction between those planning careers in each of 25 occupations in terms of 29 information and ability tests and interests and personality scales, there are real differences among the types of students who enter the occupations in the 12 groups defined above. This, of course, is only a detailed and graphic illustration of the findings summarized in Table 6-4, which clearly demonstrate that by using all 109 cognitive and noncognitive variables a level of predictive efficiency in predicting whether a student will be in a specific occupational group, such as the 27 given in that table, is about .60.

We therefore believe that students in American high schools can have available to them for the first time a sound basis for comparing their scores on the information, ability, interest, and personality tests with those of people who are planning careers in these occupational fields five years after graduation from high school. This is not to say that subsequent follow-ups on this Project TALENT group are not needed, but rather to emphasize that the responsbility for planning individual development can be shifted effectively at the present from counselors, teachers, parents, and friends of the family to the individual student himself.

Chapter 7. PROPINQUITY ANALYSIS: A NEW TOOL FOR USE IN GUIDANCE

Marion F. Shaycoft

In Chapter 4 considerable evidence was presented that the TALENT Battery yields scores which are effective predictors of the individual's later choice of a career, and thus, by implication, effective indicators of the kinds of career activities for which one has the requisite aptitudes, abilities, interests, personality traits, and other requirements.

The chief methodology that was employed in Chapter 4 to produce these results was multiple point biserial correlation. For each career category the sample was split into those who had chosen the career versus those who had made any other choice, or no choice at all. Essentially the multiple point biserial procedure is a technique for predicting this dichotomous criterion (membership-versus-nonmembership in the career group) by weighting scores on variables in such a way that a high weighted composite is indicative of likelihood of choosing that career and a low composite suggests that some other choice is more likely.

The present chapter represents an exploration of a new technique, called propinquity analysis, which enables us to use score information derived from the TALENT Battery in a brand-new way that it is believed will provide useful auxiliary information--information of a kind quite beyond the scope of the conventional multiple point biserial approach or its close relative, the multiple biserial correlation approach--for predicting career choice.

The chief limitation of the conventional approach is that the higher a score that is positively weighted is (or the lower a score that is negatively weighted is), the greater its contribution to the composite. And conversely, the lower a positively weighted score is (or the higher a negatively weighted one is), the more it reduces the final composite score that is used as the "best predictor". This is fine as far as it goes, but it leaves no room for average scores to have much effect--even in the case of tests on which an average score is more indicative of likelihood of entering a career than an extremely high (or extremely low) score is. And common sense alone tells us that society has numerous roles for the person whose abilities are average--neither spectacularly high nor spectacularly low--and that these roles are ones which the person of average ability can fill better and more suitably than the person at the top of the scale in aptitude. As an example, let's consider the electronic technician. If his quantitative ability is much below average he probably can't do the job, but if his mathematical aptitude and interests were at a sufficiently high level to enable him to get a Ph.D. in mathematics and function as a professional mathematician (and if his other attributes besides math aptitude were also suitable for this role) his talents might well be regarded as wasted--or at least less effectively utilized than would be desirable--if he were to choose electronic technician as his career. This, then, is an example where an average score on math is a positive indicator of suitability for an occupation, while an extremely high score might be regarded as a negative indicator, just as would a below-average score. Still considering the electronic technician career field, the potential entrant obviously has to have enough verbal skills that he can read and comprehend technical manuals. But he presumably does not require the way-above-average verbal skills that are so useful if one is to get through the difficult college curriculum that is prerequisite for becoming an electronic engineer. As a matter of fact, while the electronic technician's reading ability should be about average, he apparently can function very adequately without knowledge of the fine points of the English language; typically he scores at least a little below average on the English test.

Propinquity analysis, therefore, is a procedure aimed at giving a due role to average or near-average scores where appropriate, as well as to very high or very low scores where they are appropriate. This new approach is intended as a supplement to the multiple point biserial approach, not a substitute for it. The two approaches should complement each other.

THE NATURE AND CHARACTERISTICS OF PROPINQUITY INDEXES[1]

Let's assume we have a scatterplot in which each individual's set of scores is represented by a point in n-dimensional space, where the standard score scale on each test constitutes a separate dimension. Let's now suppose that for purposes of developing propinquity indexes for a given occupational group the scatterplot is rescaled, weighting each dimension by a value representing, at least approximately, the relevance of the corresponding variable in identifying group members. An individual's propinquity index with respect to that group may then be defined as his geometric distance from the group centroid, in this rescaled space. A minus sign is attached to the distance, so that 0 is the maximum value of the index. A zero index indicates that the individual's scores on relevant variables coincide with the group centroid.[1] The greater the distance, the larger the absolute value of the index. The purpose of the minus sign, therefore, is to orient the propinquity index properly, so that when it is used in a correlation matrix there won't be inconvenient negative correlations. The higher the algebraic value of the index, the closer the individual is to the centroid. (Hence the term "propinquity".)

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[1] Readers interested primarily in substantive results, rather than mathematical and theoretical considerations, are advised to skip this section and most of the next one.

Appendix N presents the formulas involved in propinquity analysis. Formula 14 (or 15) gives the squared distance (represented by the letter U) in regard to a single variable. Formula 16 gives the propinquity index, δ, with w as the weight representing the relevance of a particular variable.[2]

The weights should be determined in such a way that they are zero for irrelevant variables and positive for relevant variables. Because of the nature of the U-variables to which the weights are applied, there should be no negative weights; they would be meaningless. There are two general ways weights can be determined. The first is to determine the multiple regression weights for predicting the group membership criterion from a weighted composite of the U-scores. In order to avoid capitalizing on chance the multiple regression analysis to determine the weights is carried out on a sample other than (but parallel to) the one in which these weights are to be used to determine students' propinquity indexes.[1] Formula 27 in Appendix N is the one to be used operationally and in cross-validation. Propinquity weights obtained in this way are called Type I weights and propinquity indexes obtained from them are called Type I indexes.

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[1] The centroid is the point represented by the group's means on all dimensions.

[2] Because the variables used in computing the propinquity index are raw scores rather than principal components, discriminant functions, or some other kind of uncorrelated variables, propinquity indexes may lack some of the mathematical precision and invariance of statistics computed in a geometric space where orthogonal axes correspond to uncorrelated variables. But this seems a small price to pay for the twin advantages of interpretability and ready explainability.

In general the U values are expected to be correlated negatively with membership in the criterion group, since 0, the smallest possible value of U, should be more typical of members than of nonmembers. Therefore if the Type I procedure is used the signs of all regression weights should be changed, as indicated in formula 27. Furthermore it must be borne in mind that quite by chance some of the multiple regression weights computed for the U variables may turn out to be in the wrong direction (i.e., negative after the signs have been changed). Therefore such weights, which presumably will be numerically small ones, should be changed to 0 before cross-validating. Formula 27 indicates this.

The weights used in computing the other main type of propinquity index, Type II indexes, are based on the notion that a variable on which the scores are compactly distributed within the group (in comparison with a much greater variability for the total sample) is a relevant variable--regardless of whether group members typically score high on it, or low, or about average. In other words, one way a variable's relevance to group membership may be manifested is by a somewhat restricted range, and the more relevant the variable, the more restricted the range in comparison with the range of the total sample. This phenomenon may be seriously affected, however, when some of the variables have skewed distributions. For such variables the ratio of group σ to total σ may be erratic, resulting in peculiar weights. Therefore it is desirable that all variables used in a propinquity analysis have normal distributions. If there is no reason to believe that the distributions are at least approximately normal they should be normalized. Formula 19 indicates the way Type II propinquity weights are computed. Formulas 21-26 show several alternative formulas that were originally under consideration but have now been fairly definitely rejected because they seem to work out less well than Formula 19.[1]

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[1] As a further precaution against capitalization on chance, neither of these two samples should be the one on which the group means and standard deviations entering into the computation of the U values should be based. Thus three parallel samples are required if regression weights are to be used.

Formula 19, like the other formulas (21-27), gives a weight of 0 for irrelevant variables and positive weight for relevant variables. There are no negative weights.

There is no intention of implying, through the use of Type II weights, that only the standard deviations are important in determining relevance of a variable--that means have no bearing on the situation. It is quite possible even when the mean of a particular category is substantially above (or below) that for the entire sample, that the standard deviation for the category will be no smaller than the standard deviation for the entire sample. Although starting with normalized variables reduces the prevalence and extent of these anomalies they still can and do occur, so that highly relevant variables can have Type II weights that are very low--even as low as zero. This being the case, why would we want to use Type II weights at all? The answer is that the anomalies don't matter as long as the propinquity index is being used in conjunction with a conventional multiple point biserial regression equation that has the original or normalized scores as predictors, instead of as a substitute for such an equation. The variables on which the mean for the group differs significantly from the overall mean are precisely the ones that normally would have relatively high beta weights in the conventional multiple regression equation--so that regressed scores of the conventional type and Type II propinquity indexes complement each other very well.

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[1] In a small-scale tryout of formulas 21-26 and 19, for eight career groups, results suggested formula 19 was slightly better than any of the others; for six of the eight groups, it produced δ^2 values that had at least slightly higher point biserial correlations with the group membership criterion than did any of the other formulas. Formula 27, which calls for modified regression weights in the formula for computing propinquity indexes, produces indexes that may sometimes have higher point biserial correlations (even after cross-validation) with the group membership criterion than formula 19 produces; but insofar as this occurs, the formula 27 indexes are believed to overlap more with the information yielded by conventional regressed scores than the formula 19 indexes do, and thus to be less satisfactory than the formula 19 indexes, when used in conjunction with (or as a supplement to) regressed scores of the usual type.

APPLICATION OF PROPINQUITY ANALYSIS

Variables, Groups, and Outline of Methodology

Using the complete cases (N = 14,123) in the five-year follow-up of twelfth-grade boys,[1] propinquity indexes have been computed and validated for 16 separate individual career-plan categories.[2] Seven of these are the ones that turned out to be single-category "clusters" according to the results reported in Chapter 5. The remaining nine were selected primarily because each of them contained a fairly large number of cases (a minimum of 200) and could therefore be expected to yield reasonably stable results, and because together they represented a fairly broad spectrum of fields. Normalized scores[3] on the 109 TALENT variables (64 cognitive and 45 non-cognitive) indicated in Appendix F-1 were used as the predictive variables. The results, which are discussed later in the chapter, are summarized in Tables 7-1a and 7-2a. A similar analysis was carried out for the career-plan clusters described in Chapter 5, including not only the 19 clusters (A,B,C,...,S)[4] representing actual career plans but also, for purposes of comparison, the two quasi-clusters accounting for the remaining cases: Cluster Y (undecided) and Cluster Z (all other miscellaneous cases). The results for the 21 clusters and quasi-clusters are summarized in Tables 7-1b and 7-2b, discussed later in the chapter.

Both Type I and Type II propinquity indexes were computed and validated against the group membership criterion. The Type I indexes were also cross-validated, after dropping those few beta weights that had the wrong sign, all of which were quite small numerically. (Cross-validation is of course unnecessary and inappropriate for the Type II indexes.) Computation and validation of the Type II indexes required use of two parallel samples, while the Type I indexes, as was noted in the preceding section, required three. For use for the Type II indexes, therefore, the initial group (N = 14,123) was divided into two samples, A and B; Sample A consisting of the 1st, 3rd, 5th,... cases in each career group, and Sample B consisting of the 2nd, 4th, 6th,.... To provide the third sample, needed for the Type I indexes, Sample B (with the cases arranged within it by career group) was further divided into two subsamples, B1 and B2, by assigning cases alternately to them.[1]

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[1] See Appendix F-2 for the definition of "complete cases".

[2] Q-2-cp-A categories; the purified groups were used as the members, in the membership-versus-nonmembership dichotomy. (See Chapter 1 for a description of the purification process.)

[3] The normalized scales had means of 0 and standard deviations of 1.

[4] Membership in these clusters was limited, by definition, to members of the purified Q-2-cp-A groups.

All 109 variables were normalized (with a mean of 0 and standard deviation of 1) on the basis of Sample A distributions. The same normalization conversion table based on Sample A data was then applied to the Sample B cases, to make the Sample B distributions approximately normal. Type II propinquity indexes were calculated for every Sample B case, and Type I indexes for every Sample B2 case, for each of the 21 clusters and 16 individual career-plan groups, on the basis of the 109 normalized predictor variables, using weights, means, and standard deviations calculated from Sample A data. In the case of the Type I indexes, Sample B1 was used for determining the formula 27 weights, while cross-validation was based on Sample B2. In the case of the Type II indexes, validation was based on Sample B.

A Statistical Problem in Connection with the Computation of Propinquity Indexes

Column 3 of Tables 7-1a and 7-1b contains the multiple point biserial correlations of the Type I propinquity measures with membership in the corresponding purified groups, while column 5 contains the corresponding cross-validation correlations. Because of the way multiple correlation operates, the multiple point biserial R in column 3 is between group membership and δ^2 not δ. In other words it is the square of the propinquity index that is validated when multiple correlations are obtained in this situation. The zero-order correlations that have been obtained, on the other hand, are with

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[1] The number of cases in the various samples is as follows:

	Two Samples	Three Samples
Sample A	7,106	7,106
Sample B	7,017	
Sample B1		3,509
Sample B2		3,508
Total	14,123	14,123

TABLE 7-1a. Correlations between selected career plans and corresponding δ (propinquity index) or δ^2
Based on 5-year follow-up of 12th-grade boys; complete cases only; cases all weighted equally

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
		****		Correlation with group membership							
				Type I propinquity indexes					Type II propinquity indexes		
				Mult pt bis	Mult bis	Cross-validation		Corresp. pt bis.			
Code (Q-2-cp-A)	Career plan (purified groups)	N_j	p_j	$R_{j.\delta^2}$	$R_{j.\delta^2}$	Pt bis $r_{j\delta}$	Bis $r_{j\delta}$	$r'_{j\delta}$	Pt bis $r_{j\delta}$	Bis $r_{j\delta}$	Pt bis $r'_{j\delta}$
				**	**				**	**	**
841	Airplane pilot	49	.007	.125	.541	.051**	.221**	.349 **	.040	.172	.271
748	Salesman	175	.025	.138	.370	.055**	.147**	.192 **	.060	.162	.214
730	Business management	255	.036	.146	.344	.061**	.144**	.180 **	.057	.133	.171
716	CPA	140	.020	.142	.410	.059**	.172**	.241 **	.067	.193	.274
393	Lawyer	196	.028	.184	.473	.138**	.354**	.452 **	.112	.289	.392
521	Clergy	88	.013	.157	.539	.104**	.356**	.492 **	.069	.235	.348
464	College professor: English	28	.004	.122	.649	.072**	.382**	.599 **	.058	.310	.528
421	High School teacher: Math	31	.004	.142	.718	.027	***	***	.044	.224	.373
422	High school teacher: Science	25	.004	.114	.644	.031	***	***	.034	.195	.327
429	High school teacher: phys. ed.	28	.004	.122	.653	.044*	.234*	.385 *	.034	.182	.297
329	MD (NEC)	114	.016	.165	.513	.146**	.455**	.605 **	.120	.373	.526
250	Architect	29	.004	.130	.693	.056**	.299**	.477 **	.052	.276	.458
242	Electrical engineer	121	.017	.176	.534	.126**	.383**	.526 **	.108	.330	.467
811	Electronic technician	106	.015	.138	.441	.041*	.130*	.158 *	.049	.156	.201
639	Farming (NEC)	122	.017	.191	.580	.150**	.455**	.560 **	.104	.315	.432
899	Unskilled labor	138	.020	.162	.471	.103**	.298**	.381 **	.112	.325	.453
Sample on which $\overline{X}$, s, and Type II weights are based				A	A	A	A	A	A	A	A
Sample on which R or r is based				B1	B1	B2	B2	B2	B	B	B
Corresponding no. of cases (N)				3509	3509	3508	3508	3508	7017	7017	7017
No. of independent variables (n)				109	109	1	1	1	1	1	1
Kind of independent variables				U	U	δ	δ	δ	δ	δ	δ
Continuous variable which is validated				δ^2	δ^2	δ	δ	δ	δ	δ	δ

Determining the significance level of correlation coefficients:

Point biserial r values are compared with Table N-3 to determine their significance. Biserial r or point biserial r′ has the same significance level as the point biserial r from which it was derived.

* Significant at .05 level.

** Significant at .01 level. A double asterisk at the top of the column applies to all correlations in the column.

*** Not computed because the point biserial correlation from which it would be derived is not significant at the .05 level.

**** N_j is based on sample B. The numbers of cases for sample A are about the same, while samples B1 and B2 each have about half as many cases in each career plan category, so that the p_j values are approximately the same for all samples.

TABLE 7-1b. Correlations between "career plan clusters" and corresponding δ (propinquity index) or δ^2

Based on 5-year follow-up of 12th-grade boys; complete cases only; cases all weighted equally

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
		****		Correlation with group membership							
				Type I propinquity indexes					Type II propinquity indexes		
				Mult pt bis	Mult bis	Cross-validation Pt bis	Cross-validation Bis	Corresp. pt bis.	Pt bis	Bis	Pt bis
Code (Q-2-cp-B)	Career plan cluster	N_j	P_j	$R_{j.\delta^2}$ **	$R_{j.\delta^2}$ **	$r_{j\delta}$	$r_{j\delta}$	$r'_{j\delta}$	$r_{j\delta}$	$r_{j\delta}$	$r'_{j\delta}$
A	Airplane pilot	49	.007	.125	.541	.051**	.221 **	.349 **	.040**	.172 **	.271 **
B	Business and industry	1468	.209	.210	.297	.158**	.223 **	.203 **	.148**	.210 **	.191 **
C	Architect	29	.004	.130	.693	.056**	.299 **	.477 **	.052**	.276 **	.458 **
D	Engineering & applied phys.sci.	436	.062	.263	.519	.229**	.452 **	.502 **	.196**	.387 **	.450 **
E	Quantitatively oriented professions	103	.015	.166	.535	.122**	.394 **	.541 **	.105**	.340 **	.487 **
F	Biological sciences	75	.011	.130	.476	.042*	.153 *	.229 *	.036**	.132 **	.208 **
G	"People-oriented"sci.professions	215	.031	.201	.500	.165**	.410 **	.520 **	.148**	.369 **	.486 **
H	Professions in social sciences	327	.047	.214	.463	.165**	.356 **	.429 **	.148**	.319 **	.404 **
I	College professor: English	28	.004	.122	.649	.072**	.382 **	.599 **	.058**	.310 **	.528 **
J	Clergyman	88	.013	.157	.539	.104**	.356 **	.492 **	.069**	.235 **	.348 **
K	Teaching,etc.(non-science)	365	.052	.175	.366	.086**	.181 **	.214 **	.083**	.173 **	.205 **
L	H.S. math teacher	31	.004	.142	.718	.027	***	***	.044**	.224 **	.373 **
M	H.S. science teacher	25	.004	.114	.644	.031	***	***	.034**	.195 **	.327 **
N	H.S. phys.ed. teacher	28	.004	.122	.653	.044*	.234 *	.385 *	.034**	.182 **	.297 **
O	Misc. skilled occupations	355	.051	.178	.374	.099**	.208 **	.243 **	.102**	.215 **	.259 **
P	Technician	244	.035	.153	.365	.070**	.168 **	.188 **	.068**	.163 **	.190 **
Q	Misc."blue collar" jobs	629	.090	.314	.554	.241**	.426 **	.427 **	.211**	.371 **	.405 **
R	Farming	186	.027	.237	.621	.198**	.519 **	.596 **	.140**	.367 **	.468 **
S	Protective	53	.008	.112	.464	.026	***	***	.034**	.139 **	.205 **
Y	(Undecided)	401	.057	.164	.332	.041*	.084 *	.094 *	.037**	.074 **	.083 **
Z	(All other cases: Misc.)	1882	.268	.214	.288	.006	***	***	.034*	.046 *	.039 *
	TOTAL	7017	1.000								
Sample on which $\overline{X}$, s, and Type II weights are based				A	A	A	A	A	A	A	A
Sample on which R or r is based				B1	B1	B2	B2	B2	B	B	B
Corresponding no. of cases (N)				3509	3509	3508	3508	3508	7017	7017	7017
No. of indep. variables (n)				109	109	1	1	1	1	1	1
Kind of independent variables				U	U	δ	δ	δ	δ	δ	δ
Continuous variable which is validated				δ^2	δ^2	δ	δ	δ	δ	δ	δ

Note: Same footnotes apply for this table as for Table 7-1a.

TABLE 7-2a. Correlations between selected career plans and various predictive indexes*****

Based on 5-year follow-up of 12th grade boys# (N = 14123); complete cases only; cases all weighted equally.
Predictor variables: 109 normalized## variables from the TALENT battery

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
				Correlations with group membership							
Code (Q-2-cp-A)	Career Plan (purified groups)###	**** N_j	p_j	$R_{j.v}$	r_{jv}	Bis. r_{jv}	r'_{jv}***	$r_{j\delta}$	$r'_{j\delta}$	$R_{j.v\delta}$	$R'_{j.v\delta}$***
				**	**	**	**	**	**	**	**
841	Airplane pilot	49	.007	.153	.045	.192	.260	.040	.271	.054	.307
748	Salesman	175	.025	.161	.075	.201	.234	.060	.214	.093	.285
730	Business Management	255	.036	.150	.071	.166	.186	.057	.171	.086	.225
716	CPA	140	.020	.197	.118	.341	.391	.067	.274	.131	.426
393	Lawyer	196	.028	.264	.212	.536	.548	.113	.392	.222	.567
521	Clergy	88	.013	.243	.182	.624	.639	.069	.348	.182	.639
464	College professor: English	28	.004	.182	.109	.582	.656	.058	.528	.112	.665
421	High School teacher: Math	31	.004	.145	.058	.298	.402	.044	.373	.064	.436
422	High School teacher: Science	25	.004	.133	.026	.143	.211	.034	.321	.037	.298
429	High School teacher: Phys.Ed.	28	.004	.163	.054	.289	.395	.034	.297	.057	.412
329	MD (NEC)	114	.016	.273	.246	.766	.708	.120	.526	.253	.718
250	Architect	29	.004	.163	.063	.332	.443	.052	.458	.072	.492
242	Elec. Engineer	121	.017	.249	.196	.596	.608	.109	.467	.209	.634
811	Electronic technician	106	.015	.167	.089	.285	.344	.049	.201	.100	.381
639	Farming (NEC)	122	.017	.281	.219	.666	.651	.104	.432	.230	.670
899	Unskilled labor	138	.020	.195	.127	.370	.419	.112	.453	.149	.478
	Sample on which regression weights (for computing v) are based#			A	A	A	A	-	-	A	A
	Sample on which X̄, s, and propinq. index weights are based #			-	-	-	-	A	A	A	A
	Sample on which R or r is based #			A	B	B	B	B	B	B	B
	Corresponding number of cases (N)			7106	7017	7017	7017	7017	7017	7017	7017
	No. of independent variables (n)			109	1	1	1	1	1	2	2

Determining the significance level of correlation coefficients:

Point biserial r values are compared with Table N-3 to determine their significance. Biserial r or point biserial r´ has the same significance level as the point biserial r from which it was derived.

* Significant at .05 level.

** Significant at .01 level. A double asterisk at the top of the column applies to all correlations in the column.

# The group was divided into 2 samples, A and B; sample A consisting of the 1st, 3rd, 5th,...cases in each career group, and sample B consisting of the 2nd, 4th, 6th......

## Normalization was based on the sample A distribution.

### NEC stands for "Not Elsewhere Classified"

*** Formula 29 was used, in conjunction with Formula 28.

**** N_j is based on sample B. The numbers of cases for sample A are about the same, so that the p_j values are approximately the same for both samples.

***** All propinquity indexes (δ) involved in this table are Type II indexes. Thus columns 7 and 8 of this table are identical with columns 8 and 10 of Table 7-1a.

TABLE 7-2b. Correlations between "career plan clusters" and various predictive indexes*****

Based on 5-year follow-up of 12th grade boys# (N = 14123); complete cases only; cases all weighted equally.
Predictor variables: 109 normalized## variables from the TALENT battery

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
				Correlations with group membership							
Code (Q-2-cp-B)	Career plan clusters###	**** N_j	p_j	$R_{j.v}$	r_{jv}	Bis. r_{jv}	r'_{jv} ***	$r_{j\delta}$	$r'_{j\delta}$	$R_{j.v\delta}$	$R'_{j.v\delta}$ ***
				**	**	**	**			**	**
A	Airplane Pilot	49	.007	.153	.045	.192	.260	.040**	.271**	.054	.307
B	Business and Industry	1468	.209	.270	.240	.339	.290	.148**	.191**	.250	.301
C	Architect	29	.004	.163	.063	.332	.443	.052**	.458**	.072	.492
D	Engineering and applied phys. sci.	436	.062	.373	.334	.658	.589	.196**	.450**	.334	.590
E	Quantitatively oriented profs.	103	.015	.233	.181	.585	.607	.105**	.487**	.181	.608
F	Biological sciences	75	.011	.174	.112	.407	.480	.036**	.208**	.111	.480
G	"People-oriented" Sci. professions	215	.031	.314	.263	.656	.620	.148**	.486**	.264	.620
H	Professions in social sciences	327	.047	.305	.269	.582	.532	.148**	.404**	.269	.552
I	College professor: English	28	.004	.182	.109	.582	.656	.058**	.528**	.112	.665
J	Clergyman	88	.013	.243	.182	.624	.639	.069**	.348**	.182	.639
K	Teaching, etc. (non-science)	365	.052	.245	.166	.347	.355	.083**	.205**	.172	.365
L	H.S.Math teacher	31	.004	.145	.058	.298	.402	.044**	.373**	.064	.436
M	H.S. Science teacher	25	.004	.133	.026	.143	.211	.034**	.321**	.037	.298
N	H.S. Phys. Ed. Teacher	28	.004	.163	.054	.289	.395	.034**	.297**	.057	.412
O	Misc. skilled occupations	355	.051	.199	.108	.228	.241	.102**	.259**	.125	.276
P	Technician	244	.035	.192	.130	.309	.336	.068**	.190**	.136	.351
Q	Misc "blue collar" jobs	629	.090	.371	.316	.557	.501	.211**	.405**	.316	.502
R	Farming	186	.027	.342	.300	.785	.698	.140**	.468**	.300	.699
S	Protective	53	.008	.140	.045	.189	.254	.034**	.205**	.052	.287
Y	(Undecided)	401	.057	.182	.093	.188	.197	.037**	.083**	.094	.199
Z	(All other cases: Misc.)	1882	.268	.222	.149	.201	.168	.034*	.039*	.150	.168
	TOTAL	7017	1.000								
Sample on which regression weights (for computing v) are based#				A	A	A	A	–	–	A	A
Sample on which $\overline{X}$, s, and propinq. index weights are based#				–	–	–	–	A	A	A	A
Sample on which R or r is based#				A	B	B	B	B	B	B	B
Corresponding number of cases (N)				7106	7017	7017	7017	7017	7017	7017	7017
No. of independent variables (n)				109	1	1	1	1	1	2	2

Note: Same footnotes apply for this table as for Table 7-2a, except for the ***** footnote.

***** All propinquity indexes (δ) involved in this table are Type II indexes. Thus columns 7 and 8 of this table are identical with columns 8 and 10 of Table 7-1b.

the propinquity index itself, not with its square. Multiple biserial correlations are shown in column 4. These, like the multiple point biserials, are with the square of the propinquity index.

It will be observed from the "cross-validated" correlations in column 5 that the shrinkage tends to be somewhat greater than would be predicted by the Wherry shrinkage formula.[1] The reason is not entirely clear, but it is probably because beta weights developed for maximizing the prediction of δ^2 are used for validating the prediction of δ. It therefore seemed worthwhile to look into the possibility that some power or root of δ might give better results than δ itself. A small-scale investigation of this question, in connection with Type II propinquity indexes, resulted in the conclusion that δ seems to give about as good results as any power or root and considerably better results than δ^2. The evidence, which is presented in Table N-1, in Appendix N, certainly provides no compelling reason for switching from a distance measure to a nonlinear transformation of distance--but perhaps further experimentation would yield other results. The functions that were tried were square of the distance, square root of the distance, and some other roots. Distance seemed to be a definitely better predictor than square of distance. And while the square root, cube root, fourth root, etc., did seem to give successively higher correlations, the differences were microscopic, and the correlations appeared to be converging rapidly to a value only trivially higher than the correlation of the criterion with the distance. Therefore, for the present at least, and in the interests of simplicity, distance seems to be a better measure to use than any exponential transformation of it. Of course some other kind of transformation, such as normalizing the distribution of the propinquity index, could conceivably prove more effective--but that hasn't been tried yet.

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[1] The Wherry shrinkage formula (Wherry, 1939) may be interpreted as yielding an estimate of $\hat{R}^2$ (the population value of R^2) to which multiple R^2 computed on a sample of specified size would shrink. The formula is:

$$\hat{R}^2 = 1 - (1-R^2)\ \frac{N-1}{N-n-1}$$

where N = number of cases

n = number of independent variables

Statistical Problems in Validation against Career-Plan Criteria

To someone who has a casual familiarity with the point biserial correlation technique, it might seem to be the best and most meaningful way of determining the correlation between a predictive variable and a dichotomous criterion.

Unfortunately point biserial correlations are not directly meaningful, because their magnitude is so much a function of the relative number of cases. The upper limit on a point biserial correlation when the continuous variable is normally distributed is shown in Table N-2 in Appendix N for various values of p (the proportion of cases in the group). As is seen from this table, when p is .005, i.e., when only one-half of one percent of the cases are in the criterion group (and also, incidentally, when p = .995, in other words when all but one-half of one percent of the cases are in the criterion group) the maximum possible value of a point biserial correlation is only about .20. And when the split between the two groups is even more uneven the maximum point biserial correlation is even lower. This flaw in point biserial correlations turns out to be a major one in the case of dichotomous variables such as the TALENT career-plan groups, in which the categories are not only of unequal size but so numerous that most of them contain only a very small proportion of the total sample. Under such circumstances point biserial correlation coefficients have the twin disadvantages of being misleadingly low and not being directly comparable. It is worth noting, in this connection, that in Project TALENT we are interested in the validity of prediction of career choice even for the groups containing an extremely small percentage of the cases, because the total group is large enough that even an extremely small percentage can be a respectably large number of cases and can therefore yield reasonably stable statistical data.

In some circumstances use of biserial correlations rather than point biserials would be a solution to these problems, since for data for which it is appropriate the value of a biserial correlation is independent of the point of split. And for such data a biserial has the further advantage of indicating what proportion of its maximum value a point biserial correlation is. But biserial correlations are definitely not appropriate unless the continuous variable is normally distributed--a requirement which precludes the use of biserial correlations in validating propinquity indexes, since the propinquity index typically is not normally distributed. Its distribution is not even symmetrical--and the more variables are involved in its computation the greater the departure from normality is likely to be. Inspection of Table 7-3, which presents the distributions of four Type II propinquity indexes, should convince the reader that these indexes can have very skewed distributions.

Another disadvantage of the biserial correlation approach is that it requires that the dichotomous criterion variable be conceptualized as having a normally distributed continuous variable underlying it; for instance that there is a normally distributed continuum of "CPA-ness"--tendency to become a CPA--and a threshhold above which everybody becomes a CPA and below which nobody does. It is important to bear in mind that this hypothesized threshhold applies only to the hypothesized normal variable underlying the dichotomized criterion--and not to any composite of the predictive variables (except in the extremely improbable event that the composite has perfect validity). This conceptualization of a unidimensional normal continuum underlying the dichotomy is quite reasonable in some situations but far-fetched in others.)

Solution to Validation Problems

In the preceding section the numerous problems and disadvantages inherent in the use of biserial correlations and point biserial correlations of the conventional type were outlined. Fortunately there is a solution which takes care of all these difficulties. The solution, which involves no assumption of a continuum underlying the dichotomy, is to determine what the point biserial correlation would be if the composition of the total sample were changed so that there were exactly equal numbers of members and nonmembers of the career-plan group to which the propinquity index being validated applied.

For example suppose we are validating the propinquity index for lawyers. Of the 393 men from the grade 12 sample that are in the lawyer career-plan group, exactly 196 are in Sample B, among the 7,017 Sample B cases in all career-plan categories. That leaves 6,821 cases in all career-plan categories other than lawyer. Now suppose that instead of obtaining the point biserial correlation which compares the 196 cases in the lawyer group with the remaining 6,821 cases, we assume that we have a 196-case sample of the nonlawyers, which is perfectly representative of the 6,821 cases in that category. Then we can compare the 196 cases in the lawyer group with 196

TABLE 7-3. Frequency and percentage distributions of four propinquity indexes*

For sample of 12th-grade boys with 5-year follow-up data (N = 7017)**
Complete cases only; cases all weighted equally

Propinq. index (Upper bound of interval)	Propinq. index for Engl. prof. (Code 464)		Propinq. index for architect (Code 250)		Propinq. index for elec. engin. (Code 242)		Propinq. index for unskilled and semi-skilled labor (Code 899)	
	f	%	f	%	f	%	f	%
-0.0								
-1.0								
-2.0	6	.1					49	.7
-3.0	734	10.5	6	.1	256	3.7	1472	21.0
-4.0	1783	25.4	449	6.4	1586	22.6	1938	27.6
-5.0	1333	19.0	1934	27.6	1605	22.9	1393	19.9
-6.0	1072	15.3	1916	27.3	1242	17.7	950	13.5
-7.0	806	11.5	1192	17.0	1009	14.4	632	9.0
-8.0	565	8.0	663	9.5	632	9.0	372	5.3
-9.0	404	5.8	450	6.4	423	6.0	168	2.4
-10.0	184	2.6	230	3.3	163	2.3	40	.6
-11.0	79	1.1	114	1.6	66	1.0	3	.0
-12.0	40	.6	38	.5	24	.3		
-13.0	8	.1	22	.3	10	.1		
-14.0	3	.0	3	.0	1	.0		
Total	7017	100.0	7017	100.0	7017	100.0	7017	100.0

*Parameter estimates used in the formula for computing propinquity indexes were based on Sample A (N = 7106). The propinquity indexes are for four Q-2-cp-A categories, whose codes are shown in parentheses above the distributions.

**Distributions were based on Sample B (N = 7017), consisting of cases not in Sample A.

cases representing everybody else, so that p = .50. Thus the problems caused by unequal p values for the various propinquity indexes are eliminated, as are the problems caused by small p values, since with the proposed method the value of p used in computing a point biserial would always be exactly .50. To distinguish such point biserial correlations from those computed with actual p values, the correlations involving the modified p are designated "standard point biserial correlations", or point biserial r´ (or sometimes, in the interests of brevity, merely r´).

The conversion formula, which is an exact one, not an approximation, is:

$$r'_{\text{pt bis}} = \frac{r}{\sqrt{(1 - 2p)\left[2p\left(\frac{s_p^2}{s^2}\right) + r^2\right] + 2p}} \qquad (1)$$

where r = original point biserial correlation

p = proportion of cases in criterion group corresponding to r

N_p = no. of cases in criterion group

N = total number of cases

s = sample standard deviation for total sample on continuous variable

$$s = \sqrt{\frac{\Sigma(X - \bar{X})^2}{N}} \qquad (2)$$

s_p = sample standard deviation for criterion group on continuous variable

$$s_p = \sqrt{\frac{\Sigma(X - \bar{X}_p)^2}{N_p}} \qquad (3)$$

$r'_{\text{pt bis}}$ = point biserial correlation when the shape of the continuous variable's distribution within the criterion group and its distribution within the remaining (non-criterion) group are unchanged but these two groups are assumed to be present in equal proportions; i.e. $p' = q' = .5$

(Formula 1 above appears as formula 28 in Appendix N.)

Empirical Data

Point biserial r´ values have been computed corresponding to all the conventional point biserial r's for propinquity indexes. The r´ values are shown in Tables 7-1a and 7-1b, in column 7 (for the Type I indexes) and column 10 (for the Type II indexes).

Biserial correlations are also shown in the table, for the convenience of those readers who are interested in seeing how they compare with the point biserial r´ values. It should be noted that both the r´ values and biserial r are systematically higher than the raw values of point biserial r. In some cases the r´ value is higher than biserial r and in other cases (though considerably less often) the opposite is true. This absence of a uniform relation between the two coefficients, r´ and biserial r, is not surprising, because the two formulas serve entirely different functions, so that there is no particular reason why the values they yield should be in any constant relation to each other.

Although both biserial correlations and the point biserial r´ values provide information, the author, for reasons that have already been suggested, is inclined to think that the r´ values are the more meaningful of the two coefficients, for evaluating the utility of propinquity indexes. The chief reason for this belief, as has been indicated in the preceding sections, is that point biserial correlations, whether the original ones or the r´ conversions, don't require any assumption at all about the shape of the distribution of the continuous variable--unlike biserial correlations, which require that the continuous variable have a normal distribution. Since we know that propinquity indexes are not normally distributed, use of biserial correlations leaves a very large element of uncertainty. We know that the non-normality of the distribution almost certainly distorts biserial correlations to some extent--and although the distortion is probably slight in most cases, we can't be certain that this is uniformly true.

To return for a moment to the point biserial correlations of the type presented in columns 5 and 8 of Tables 7-1a and 7-1b, such coefficients usually cannot be interpreted directly. Basically they are uninterpretable until they have been converted to some other kind of coefficient. Raw unconverted coefficients are shown in Tables 7-1a and 7-1b chiefly because a test of significance must be applied to them, to determine whether they (and any coefficients to be derived from them) differ significantly from zero. Once it has been established that they are significantly different from zero they should be converted to other kinds of coefficients and not looked at again! Determining their significance, however, can become a fairly complicated matter. Because of the amount of dependence placed on the r´ values and other values derived from raw point biserial correlations which, because of the very small proportion of cases in most of the career categories, are in some cases quite low, special precautions have been taken to insure before obtaining any derived values from a point biserial correlations, that the correlation is real, and not merely a sampling deviation from a population correlation of zero.

One such precaution is to determine what value of a multiple correlation would shrink to zero if the Wherry shrinkage formula (Wherry, 1939) were applied; and then, in testing for significance, to test that the obtained correlation is significantly higher than that value, rather than merely being significantly higher than zero. The Wherry formula may be regarded as correcting a correlation coefficient to what it would be if it were based on an infinite number of cases. In testing for significance an adjustment is made to allow for the fact that we are working with point biserial correlations, in which the criterion variable is a dichotomy, rather than with correlations in which the criterion variable is normally distributed. Table N-3 in Appendix N shows the values with which each raw point biserial correlation must be compared in order to determine whether it is significant at the .01 or .05 level, or not significant. (The values below the dotted line in the table are the ones to look at, in this connection.[1]) It will be seen that even with these more than ordinarily stringent requirements the raw point biserials did turn out almost without exception to be significant--and not only significant, but substantial.

If any further evidence were needed that these propinquity indexes really possess validity as indicators of group membership it would be provided by the results obtained for Group Z. Group Z is the miscellaneous group--a jumble of all the cases left over after the cases in the job clusters (including the single-category job clusters) have been extracted. In Group Z are all the categories with fewer than 9 cases, which were excluded from the empirical grouping reported in Chapter 5; also some of the categories with 9 to 50 cases which were too small to yield clear-cut results in the Chapter 5 analysis; those that were eliminated in the "category purification" process described in Chapter 1; and those who gave no answer at all (not even the answer "I don't know") to the question about their long-range career plans. Although the multiple point biserial correlation coefficient corresponding to the Type I propinquity index for Group Z is .21, the cross-validated value plummets to .006, which is clearly not significantly different from zero--and Group Z, the only meaningless group, is the only group of substantial size for which this occurs.

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[1] In the relatively rare situations where the assumption of an artificial dichotomy with some sort of underlying continuum is totally unacceptable the point biserial correlations should be compared with R´´´ (or r´´´) to evaluate their significance, rather than with the values below the dotted line in Table N-3, which correct for a presumed artificial dichotomy.

Using r′ (the standard point biserial correlation) as a validity coefficient, the r′ values turned out to be a little higher for Type I propinquity indexes on the average than for the Type II indexes. But the differences were for the most part quite small, and in some cases they favored Type I. Because the results of the validity analysis in Tables 7-1a and 7-1b did not uniformly favor Type I over Type II and furthermore because the Type II indexes seemed likely to provide more new information, independent of the information provided a conventional multiple correlation and multiple regression analysis directly against test scores, it was decided to focus on Type II indexes in subsequent research on the propinquity analysis method. Tables 7-2a and 7-2b are a result of that decision. They are based on exactly the same groups as Tables 7-1a and 7-1b; and summarize various correlations against the dichotomous group-membership criteria (Table 7-2a for the 16 selected individual career plans and Table 7-2b for the 21 career-plan clusters).

Columns 1 and 2 show the number and proportion of cases in each group. The remaining columns contain biserial and point biserial correlations of one kind or another. Columns 3, 4, 7, and 9 contain point biserial or multiple point biserial correlations of the conventional kind, for various variables. The multiple point biserial correlations obtained directly from the 109 predictor variables are shown in column 3. Columns 4 and 6 contain the cross-validation data, while columns 7-8 contain corresponding data for the validation of propinquity indexes (δ), and column 9 contains the multiple correlation coefficients for the combination of these two modes of prediction. Column 8 of Tables 7-2a and 7-2b contains r' values for the propinquity indexes. Columns 7 and 8 of these two tables, incidentally, are identical with columns 8 and 10 of Tables 7-1a and 7-1b.

Now, let us examine columns 9 and 10 of Tables 7-2a and 7-2b. Column 9 is the multiple point biserial correlation for predicting the group membership criterion from two independent variables: the propinquity index and the score yielded by the regression equation corresponding to the conventional multiple correlation shown in column 3. The important question, of course, is not how high the column 9 point biserials are, but how high the corresponding R' values are. But to obtain r' values corresponding to r_{jv} in column 4, or R' values corresponding to $R_{j.v\delta}$ in column 9, Formula 28 cannot be applied directly since it requires knowledge of the ratio of variance on the continuous variable within the appropriate category to total variance on the continuous variable. This ratio was unknown since values of the 109-variable composite, v, had not been determined for each individual. The variance ratio therefore had to be estimated, using Formula 29, which yields a mere approximation, not an exact value; the estimated ratio was then substituted in Formula 28 to get an approximate value of r'.

How good an approximation is yielded when Formula 29 is used depends primarily on how close to normal the distribution of the continuous variable is and how compatible the data are with the hypothesis that a normal distribution underlies the dichotomous variable and in conjunction with the continuous variable produces a bivariate normal distribution. If these assumptions (essentially the same assumptions that underlie biserial r) do not hold, Formula 29 will not yield a good approximation of the variance ratio. And we have already established that those assumptions (e.g., normality) do not hold even approximately in the case of propinquity indexes. Consequently the column 10 values are very suspect indeed since Formula 29 was used in their computation even though propinquity indexes were one of the variables involved. (Close study of the data suggests that the column 10 values are probably underestimates, not overestimates.) It seems reasonable to suppose, however, that the Formula 29 estimates used to compute the column 6 values (r'_{jv}) are fairly good since the v composite should be approximately normal. In any event, Formula 29 should be used only where absolutely necessary; and the results should not be taken at face value--particularly if skewed variables are involved.

Bearing this in mind, if columns 6 and 8 are compared in Table 7-2a, the results show that the propinquity index is about as effective a predictor of group membership as the conventional regression equation, for the following career plan categories:

250.	Architect
841.	Airplane Pilot
422.	High School Science Teacher
899.	Unskilled labor

This represents four of the sixteen categories shown in Table 7-2a--not a large proportion but certainly far more than would be expected to occur on the basis of chance alone, if the propinquity index didn't have any real effectiveness as a predictor.

Further evidence of the effectiveness of propinquity indexes in distinguishing between members and nonmembers of a group is provided in Tables 7-4 and 7-5, which split each of the four Table 7-3 distributions into distributions for members and nonmembers. Table 7-4 shows the percentage distribution and Table 7-5 shows the cumulative percentage distribution. The differences between the members' and nonmembers' distributions are conspicuous.

Examining the overall results in Tables 7-2a and 7-2b, but putting somewhat more confidence in the r' values in column 8 than in those in column 6, and practically no confidence in the ones in column 10, since they were computed using formula 29, which is inappropriate for them, we may definitely conclude that propinquity analysis is a promising technique, and we may tentatively conclude on the basis of the results of the preliminary trial of the method, that for many of the career-plan groups it provides information not yielded by the conventional multiple correlation.

A few of the groups turned out to be not nearly as homogeneous as the hierarchical analysis and other empirical data of Chapter 5 suggested they might be. Mostly these were relatively small groups which when cut down to about one-quarter of their original size for analyses based on group B2, probably had sampling errors large enough to seriously affect the stability of results. High school mathematics teacher and high school science teacher are specific instances.

TABLE 7-4 Percentage distributions of four propinquity indexes* for members and nonmembers of corresponding "purified" career plan groups

For sample of 12th-grade boys with 5-year follow-up data (N=7017)**

Propinq. index	Propinq. index for Engl.prof. (Code 464)		Propinq. index for architect (Code 250)		Propinq. index for elec. engin. (Code 242)		Propinq. index for unskilled and semi-skilled labor (Code 899)	
(Upper bound of interval)	Engl. prof.	Other	Arch.	Other	Elec. engin.	Other	Labor	Other
0.0								
-1.0								
-2.0		.1					5.8	.6
-3.0	32.1	10.4		.1	15.7	3.4	44.2	20.5
-4.0	57.2	25.3	24.1	6.3	43.8	22.2	42.0	27.3
-5.0	10.7	19.0	58.7	27.4	30.6	22.7	5.1	20.1
-6.0		15.3	10.3	27.4	7.4	17.9	1.5	13.8
-7.0		11.5	3.5	17.1	2.5	14.6	1.4	9.2
-8.0		8.1	3.4	9.5		9.2		5.4
-9.0		5.8		6.4		6.1		2.5
-10.0		2.6		3.3		2.4		.6
-11.0		1.1		1.6		1.0		
-12.0		.6		.5		.4		
-13.0		.1		.3		.1		
-14.0		.1		.1				
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
N	28	6989	29	6988	121	6896	138	6879
$\bar{X}$	-3.79	-5.65	-5.03	-6.42	-4.37	-5.92	-3.56	-4.91
σ	.62	2.00	.89	1.68	.92	1.82	.85	1.64

*Parameter estimates used in the formula for computing propinquity indexes were based on 12th-grade boys in Sample A (N=7106).

**Distributions were based on Sample B (N=7017), consisting of cases not in Sample A, to prevent capitalizing on chance. These are the same cases as the Table 7-3 distributions.

TABLE 7-5. Cumulative percentage distributions corresponding to percentage distributions of Table 7-4

(For four propinquity indexes)

Propinq. index	Propinq. index for Engl.prof. (Code 464)		Propinq. index for architect (Code 250)		Propinq. index for elec. engin. (Code 242)		Propinq. index for unskilled and semi-skilled labor (Code 899)	
	Engl. prof.*	Other	Arch.*	Other	Elec. engin.*	Other	Labor*	Other
-2.0		100.0					100.0	100.0
-3.0	100.0	99.9		100.0	100.0	100.0	94.2	99.4
-4.0	67.9	89.5	100.0	99.9	84.3	96.6	50.0	78.9
-5.0	10.7	64.2	75.9	93.6	40.5	74.4	8.0	51.6
-6.0	.0	45.2	17.2	66.2	9.9	51.7	2.9	31.5
-7.0		29.9	6.9	38.8	2.5	33.8	1.4	17.7
-8.0		18.4	3.4	21.7	.0	19.2	.0	8.5
-9.0		10.3	.0	12.2		10.0		3.1
-10.0		4.5		5.8		3.9		.6
-11.0		1.9		2.5		1.5		.0
-12.0		.8		.9		.5		
-13.0		.2		.4		.1		
-14.0		.1		.1		.0		
-15.0		.0		.0				
N	28	6989	29	6988	121	6896	138	6879

*The numbers in this column are "propinquiles". A propinquile is the percentile corresponding to a propinquity index with reference to the group (e.g. the career-plan group) to which the propinquity index corresponds.

Somewhat more surprising is the phenomenon of the "business and industry" cluster (Cluster B) identified in the Chapter 5 analyses. At all stages of those analyses it appeared to be an extremely compact and homogeneous cluster. Apparently, however, judging from the fact that the r' values for this set of careers are quite modest, the kind of homogeneity that exists in this cluster is to a much greater extent homogeneity among the separate career categories that constitute it than homogeneity within them. In other words each of the categories that make up the "business and industry" cluster has a typical profile, and these typical profiles are all much alike--but within most of the categories there is apparently fairly wide dispersion around the typical profile.

The "undecided" group was included separately in Tables 7-1b and 7-2b to see whether there are any marked characteristics shared by those who still are vague, five years after high school, about their long-range career plans. There seemed to be little tendency in this direction. Apparently the lack of clearly seen vocational goals is not restricted to any one segment of the population. Persons in this category probably range from those who have such a wealth of abilities and unfocused interests that they find it hard to choose, to those less fortunate individuals for whom the range of possibilities is very narrow and who have trouble finding anything within the range of their capabilities that they want to spend a large part of their lives doing.

SUMMARY AND CONCLUSIONS

Implications of Results

In summary, the results are all significant, and the validity coefficients for the propinquity indexes, though not large, are substantial. Membership in career category is correlated with the 109 predictors used in the conventional way to determine a conventional multiple regression equation. It is also correlated with the propinquity index derived from these same predictors. But why aren't the correlations higher than they turned out to be? The methods used, multiple regression equations and propinquity indexes, both seem to work--but why don't they work even better? There seem to be at least two major reasons, the first of which is that when jobs, or even career fields, are the basis of categorization, there is a lot more heterogeneity among jobs in the same category than one might suppose. Consider, for instance, the probable differences in personality and interests between someone who becomes a pathologist and someone who becomes a psychiatrist; at the time of the five-year follow-up both might have described their career-plan merely as M.D.

The second reason the validity coefficients didn't turn out higher may be in part a consequence of the first; a lot of people are going into jobs for which they are misfits and too few are going into jobs for which they are optimally suited.

Furthermore, even though the propinquity indexes seem quite good as predictors of group membership, they may be even better as indicators of suitability for group membership--since in view of the inadequacies of so much present-day guidance, and the lack of adequate self-knowledge on the part of so many of today's (and yesterday's!) youth, we can be reasonably certain that most of the career-plan groups contain quite a few misfits.

In future follow-ups presumably we will have better information on this point, since it is expected that ten or more years after high school some criteria will be available or developable to supplement group membership.

Methodological Implications

On the basis of data now available concerning the results of the propinquity index approach and the other approach explored in this chapter (the use of regression equations corresponding to multiple point biserial correlations of the conventional type) neither of the two approaches is clearly and universally better than the other. Rather, for certain career categories, they supplement each other, since each provides some information of a kind that the other doesn't. Therefore it seems desirable to use the two techniques in conjunction with each other, at least in the case of those career categories where each provides unique information not yielded by the other. It is also hypothesized that when the two techniques are used jointly, the Type II propinquity index is superior to Type I, since Type II would overlap less with the information provided by use of the conventional variables in the conventional way.

Chapter 8. SOME FACTORS RELATED TO STUDENT DECISIONS

John G. Claudy

During his last year or two in high school almost every student is faced with a number of complex and interrelated decisions which will greatly affect his future. Will he go to college and if so where will he go and what will be his major? If he doesn't go to college what will he choose as his vocation and how will he prepare for it? When will he get married? None of these is a decision to be made lightly. All require considerable thought and should be made on the basis of the best information the student can obtain on himself and on colleges and occupations. One of the most important sources of this information for a high school student should be his high school guidance counselor. One of the primary functions of the guidance counselor is to help the student make the decisions which will most affect his life. It is the purpose of this chapter to examine the influence of counselor contacts, as well as academic aptitude, socioeconomic status, and high school curriculum, on the decisions which students make during and immediately after high school. The relationships of these variables with the student's satisfaction with his decisions are also considered.

Included in the questions asked by Project TALENT in 1960 were several related to the student's contact with his high school guidance program. Among these questions were:

> How many times have you discussed each of the following with your school counselor in the past school year?
>
> Colleges and college plans;
> Jobs and occupations after high school
>
> Options for each of the questions were:
>
> A. We have no school counselor
> B. None
> C. One
> D. Two
> E. Three
> F. Four or more

Also obtained in 1960 were estimates of the student's socioeconomic status and academic aptitude, as well as an indication of his high school curriculum program. Academic aptitude is an _a priori_ weighted composite measure derived from the Project TALENT tests (Flanagan, Davis, Dailey, Shaycoft, Orr, Goldberg, & Neyman; 1964, p. B-8). The socioeconomic status index was calculated from information supplied by the students and is based on such items as: value of home, family income, parents' education, goods in the home, etc. (Flanagan & Cooley, 1966, p. E-1). In the follow-up study conducted five years after the student's class graduated from high school, information was obtained about what the student had done since 1960 and whether he had made any important decisions about which he was now sorry.

18. Have you made any important decisions that you are sorry about now? (Mark as many as apply.)

    a. I wish I had taken additional educational training after high school to prepare me for a better job.
    b. I wish I had graduated from high school instead of dropping out.
    c. I'm sorry I didn't go to college.
    d. I'm sorry I dropped out of college.
    e. I wish I had never gone to college.
    f. I'm sorry I didn't select a different college from the one I attended.
    g. I wish I had chosen a different major field in college.
    h. I'm sorry about the kind of work I decided to do.
    i. I wish I hadn't been so young when I got married.
    j. Other (specify).
    k. No, I am not sorry about any important decisions I've made.

A number of these decisions could and perhaps should have been influenced by the variables indicated above, on which 1960 data are available.

The sample consisted of the more than 35,000 persons who were high school seniors in 1960 and who responded to the follow-up survey conducted five years after their class graduated from high school. There were about 1000 more females than males. Since it could not be assumed that these 35,000 respondents constituted a random sample of all 1960 seniors, their responses were appropriately weighted to produce estimates for the entire 1960 senior class population of the United States. Thus all the statistics reported here are population estimates.

Initially the sample was divided into five overlapping subsamples according to what the students had done since high school. These groups consisted of those persons who had:

1. Finished high school but had no additional education or training of any kind.
2. Finished high school but didn't go to college. This group includes all persons in group 1 as well as those who received special training at less than the college level.
3. Entered college.
4. Entered college but didn't finish.
5. Married.

Since such a small proportion of the Project TALENT participants who were high school seniors in 1960 failed to graduate, the category of high school dropout was not included as a subsample. These subsamples represent the appropriate groups on which to examine several of the decisions about which students might have been sorry, as indicated by their responses to the question from the follow-up survey.

Tables 8-1 through 8-4 present percentage distributions for all persons who fall into certain of the subsamples listed above, as well as baseline data representing the entire Project TALENT 12th grade sample. From these data the effects of the variables on the decisions and subsample composition can be determined.

Examination of Table 8-1 reveals some interesting results. As indicated by combining baseline data, about 52 per cent of the males and 57 per cent of the females reported that either they had never discussed college with a high school guidance counselor, or they attended a high school without a counselor. Conversely 48 per cent of the males and 43 per cent of the females had discussed college one or more times. As a measure of the effectiveness of these counseling sessions, two groups can be considered: those students who didn't go to college, and those students who went to college. Of those who didn't go to college 32 per cent of the males and 30 per cent of the

TABLE 8-1. Number of times discussed college with high school counselor, for subsamples of Project TALENT 12th grade participants

	Times Discussed						
	No Counselor	Didn't Discuss	Discussed Once	Discussed Twice	Discussed 3 Times	Discussed 4 or more Times	Total
			Baseline data, all students*				
Males	27.1	24.7	14.6	12.6	7.6	13.4	100.0
Females	31.6	25.4	14.6	10.4	7.6	10.4	100.0
			Students who didn't go to college*				
Males	34.5	33.6	13.4	9.3	5.0	4.2	100.0
Females	37.7	32.3	12.8	7.9	4.7	4.6	100.0
			Students who went to college*				
Males	20.8	17.1	15.0	15.6	9.8	21.7	100.0
Females	22.1	13.6	17.0	14.4	12.4	20.5	100.0
			Students who started college, but didn't finish*				
Males	26.3	21.4	12.1	18.7	6.9	14.7	100.0
Females	23.3	19.8	20.6	11.4	12.4	12.6	100.0

* Percentages based on weighted frequencies.

TABLE 8-2. Number of times discussed jobs or occupations with high school counselor, for subsamples of Project TALENT 12th grade participants

	Times Discussed						
	No Counselor	Didn't Discuss	Discussed Once	Discussed Twice	Discussed 3 Times	Discussed 4 or more Times	Total
	Baseline data, all students*						
Males	31.3	31.3	17.3	9.5	5.1	5.5	100.0
Females	34.5	30.0	15.8	9.2	5.2	5.4	100.0
	Students who received no education after high school*						
Males	30.3	31.3	18.4	10.7	4.0	5.3	100.0
Females	33.2	29.7	18.0	9.9	3.9	5.3	100.0
	Students who went to college*						
Males	33.3	31.4	15.5	8.6	5.7	5.6	100.0
Females	36.0	30.2	14.1	7.8	6.1	5.8	100.0

* Percentages based on weighted frequencies.

females had discussed college with their counselors one or more times. These values are somewhat less than the baseline rates of 48 per cent and 43 per cent for all students. Thus it appears that failure to obtain education after high school is inversely related to discussing higher education with the high school counselor. If they were unrelated the baseline rates would prevail. Among those Project TALENT participants who went to college, approximately 62 per cent of the males and 64 per cent of the females had discussed college one or more times with their school counselor. Thus, as would be expected, college attendance is positively related to discussing college with a high school guidance counselor. However, a different picture emerges when those students who started college but didn't finish are considered. Of the students in this subsample about 52 per cent of the males and 57 per cent of the females had discussed college one or more times. These values are above the baseline rates, and indicate that dropping out of college is also positively related to discussing college, at least among the females. This finding seems to indicate that guidance counselors are not successful in discouraging those students, especially girls, who are not college material, and thus don't finish, from going to college. This effect, if present, would be demonstrated by dropout rates, among those who saw their counselors, which is lower than the baseline rate.

Two explanations seem plausible for the finding that college attendance is positively related to discussing college. Either the counselors, intended or not, are influencing students to attend college, or only those students who already plan to attend college discuss college with the high school counselor. Certainly the second and no doubt both factors are operating.

Table 8-2 presents the same type of information as Table 8-1, but here it is presented as a function of the number of times jobs and occupations were discussed with the high school counselor. In Table 8-2 the counselor contact rates for students in each of the subsamples is fairly close to the baseline rate. This indicates that while discussing college with a guidance counselor is related to future educational decisions (for example, people who discuss college tend to get more education), discussing jobs with a guidance counselor is not related to future educational decisions. On first examination this seems logical, but it actually points up a potential weakness of high school vocational counseling. There are many jobs available which require more training than is received in high school but less than a college education.

But apparently those students who discuss jobs with their high school counselors are not being informed of these opportunities and the training they require. At least, more of these counseled students do not appear to be obtaining the additional education and training necessary to enter these positions.

Table 8-3 distributes the subsamples on the basis of academic aptitude and socioeconomic status. The results here are generally as were expected. There is a very strong tendency for those students who received less than a college education to come from the lower academic aptitude and socioeconomic status categories. Those who have gone to college tend to come from the higher ends of the scales. However, those students who failed to finish college are distributed approximately evenly over all four of the academic aptitude and socioeconomic status categories. This indicated that a disproportionate number, relative to those who entered college, of low aptitude and status students fail to finish college. This is logical for the low aptitude students; but seems unfair, even if not unexpected, for the low status students. Factors other than aptitude are playing a major role in determining whether a student will finish college. Guidance counselors should make greater efforts to find suitable colleges and obtain scholarships and loans for those high aptitude students who need them, especially those students from the low status and thus generally low income families. (See Chapter 2 for related findings.)

The bottom rows of Table 8-3 consider only those persons who had married by five years after high school. For both males and females the probability of being married is inversely related to both academic aptitude and socioeconomic status with the relationship to the latter being the stronger of the two. Both relationships were stronger for males. However, by the time girls are five years out of high school, academic aptitude plays only a very minor role in influencing their probability of being married, as evidenced by the fact that approximately 25 per cent of the married girls fall into each academic aptitude quarter.

Table 8-4 classifies the subsamples of students by their high school curricula. Students who were in the College Prep curriculum are underrepresented, relative to the baseline data, in the subsample which didn't go to college. All the other curricula are overrepresented in this subsample. Among those students who went to college, the College Prep students are

TABLE 8-3. Percentage of students falling into each academic aptitude and socioeconomic status quarter for subsamples of Project TALENT 12th grade participants

	Academic Aptitude					Socioeconomic Status				
	Lowest Quarter	Second Quarter	Third Quarter	Highest Quarter	Total	Lowest Quarter	Second Quarter	Third Quarter	Highest Quarter	Total
Students who didn't go to college*										
Males	50.8	29.1	14.4	5.7	100.0	46.1	29.6	16.3	8.0	100.0
Females	35.9	31.6	21.5	11.0	100.0	38.7	32.9	20.3	8.1	100.0
Students who went to college*										
Males	10.7	17.5	29.9	41.9	100.0	14.5	25.7	27.6	32.2	100.0
Females	10.9	14.7	26.4	48.0	100.0	10.8	24.1	27.4	37.7	100.0
Students who started college, but didn't finish*										
Males	25.6	24.5	29.6	20.3	100.0	20.1	33.5	26.5	19.9	100.0
Females	21.6	21.1	31.0	26.3	100.0	12.5	30.0	29.9	27.6	100.0
Students who have married*										
Males	32.6	24.2	24.3	18.9	100.0	40.0	30.5	19.2	10.3	100.0
Females	26.9	27.1	23.9	22.1	100.0	33.5	32.4	22.0	12.1	100.0

* Percentages based on weighted frequencies.

TABLE 8-4. Percentage of students in each high school curriculum for subsamples of Project TALENT 12th grade participants

	High School Curriculum						
	General	College Prep.	Comm. Bus.	Vocational	Agriculture	Other	Total
Baseline data, all students*							
Males	24.2	48.3	7.8	12.7	4.2	2.8	100.0
Females	18.6	38.7	36.5	2.9	.4	2.9	100.0
Students who didn't go to college*							
Males	35.9	19.5	10.9	22.9	6.5	4.3	100.0
Females	22.6	17.7	50.8	4.1	.7	4.1	100.0
Students who went to college*							
Males	13.9	74.1	5.2	3.6	1.5	1.7	100.0
Females	11.7	70.1	15.9	1.1	0.0	1.2	100.0
Students who went to college, but didn't finish*							
Males	22.1	56.6	9.1	6.1	2.5	3.6	100.0
Females	17.0	50.0	29.7	1.8	0.0	1.5	100.0

* Percentages based on weighted frequencies.

overrepresented and the other curriculum groups are underrepresented. This indicates that there is a strong trend toward College Prep students attending college and students in what are usually considered terminal curricula not attending college. Among those students who started college but didn't finish, College Prep students are again overrepresented when compared to the baseline rates. But relative to the students who entered college, the College Prep students who dropped out are underrepresented to a large degree. Thus, once they have entered college, which they are less likely to do, it is the students from the non-College Prep high school curricula who are the most likely to leave college without finishing. This offers some evidence that College Prep programs in high schools are preparing their students for college, or are at least attracting those students who are most likely to be admitted to college and do well once they are enrolled.

In the second phase of the study the percentage of regrets about certain educational and vocational decisions was found as a function of the number of guidance counselor contacts the students had had as high school seniors. The assumption was made that as the number of counselor contacts relevant to a given decision increased, the percentage of regrets concerning that decision would decrease. A counselor contact relevant to post-high-school educational plans and decisions, especially college, was defined by the student having discussed colleges or college plans. A contact relevant to vocational and educational plans at less than the college level was defined by the student discussing jobs or occupations with his school counselor. These results are presented in Tables 8-5 and 8-6. Only a very small number of students indicated that they wished they had never gone to college. Therefore this regret isn't included in the analyses.

In Tables 8-5 and 8-6 each entry is independent of all others. Thus the entry in the upper left hand corner of Table 8-5, 17.3, indicates that of the males who indicated that they attended a school with no guidance counselor and had not gone to college, 17.3 per cent were sorry they had not gone to college. Likewise, the second figure from the right in the first row, 13.3, indicates that of the males who had discussed college four or more times with their counselor, but had not gone to college, 13.3 per cent were sorry they had not gone to college. The column headed "Overall" contains the results for all students combined.

TABLE 8-5. Percentage of students regretting college related decisions as a function of the number of times college was discussed with the high school guidance counselor for subsamples of Project TALENT 12th grade participants

	Times Discussed College						
	No Counselor	Discussed Never	Discussed Once	Discussed Twice	Discussed 3 Times	Discussed 4 or more Times	Overall
Percentage who are sorry they didn't go to college among those who didn't go to college*							
Males	17.3	20.4	21.1	18.2	8.9	13.3	18.2
Females	11.6	12.2	15.5	18.3	22.1	19.1	13.6
Percentage who are sorry they dropped out of college among those who dropped out of college*							
Males	30.0	21.0	43.5	43.4	23.5	25.3	31.4
Females	25.7	27.2	17.9	32.9	30.6	24.6	25.1
Percentage who are sorry about their choice of college among those who went to college*							
Males	4.2	3.7	5.5	3.6	6.1	5.9	4.8
Females	6.0	5.8	4.6	10.6	7.8	7.7	7.0
Percentage who are sorry about their choice of major among those who went to college*							
Males	4.9	5.2	4.9	3.4	3.8	7.2	5.1
Females	2.8	6.9	2.1	2.6	7.6	6.0	4.5

* Percentages based on weighted frequencies. Each entry is independent of all others.

TABLE 8-6. Percentage of students regretting job related decisions as a function of the number of times jobs were discussed with the high school guidance counselor for subsamples of Project TALENT 12th grade participants

	Times Discussed Jobs						
	No Counselor	Discussed Never	Discussed Once	Discussed Twice	Discussed 3 Times	Discussed 4 or more Times	Overall
Percentage who wish they had gotten additional education after high school among those who received no additional education*							
Males	21.0	21.1	16.5	27.9	13.8	17.4	20.4
Females	9.2	10.6	19.7	9.4	9.9	12.8	11.8
Percentage who are sorry about kind of work chosen.*							
Males	.6	1.1	1.4	1.4	1.9	.3	1.0
Females	1.6	1.3	1.2	1.4	3.2	.8	1.5
Percentage who are sorry about their choice of major among those who went to college*							
Males	4.6	6.1	3.1	8.7	4.6	2.8	5.1
Females	3.1	5.9	4.1	6.4	5.5	2.9	4.5

* Percentages based on weighted frequencies. Each entry is independent of all others.

Upon examination, Tables 8-5 and 8-6 disclose no cases where discussing college with a guidance counselor is systematically related to satisfaction with college-related decisions, or where discussing jobs is systematically related to satisfaction with job-related decisions. This failure to find systematic trends where they would logically be expected poses some rather serious questions concerning the effectiveness of high school guidance programs.

It is very interesting to note in Table 8-6 that only about 1 per cent of the Project TALENT participants say they are sorry about the kind of work they have chosen. This seems quite low and would appear to illustrate the operation of the "sweet-lemons" phenomenon (the opposite of "sour-grapes"; people tend to say they like what they have).

Table 8-7 presents regrets about certain decisions as a function of academic aptitude and socioeconomic status. In the entire table only one systematic trend is evident and it is only moderate in strength. Among those who didn't go to college, regretting not having gone to college is directly proportional to academic aptitude for males. The higher the aptitude level, the greater the percentage of regrets. The other relationships in this table are rather erratic.

Table 8-8 considers regrets as they relate to the student's high school curriculum. In this table there are some rather unusual and unexpected findings. Among both males and females who did not receive any additional education after high school, those who were in General, Vocational, and Commercial or Business curricula in high school--curricula that are generally considered terminal rather than preparatory--regret not having gotten additional education after high school more than do students who were in the College Prep curriculum where they would be expected to obtain further education. This finding does not appear for those who did not go to college who regret not going to college. But here those College Prep students who did not go to college do not regret not going any more than non-College Prep students.

The overall picture presented by these results is a lack of relationships where they would logically be expected. None of the variables investigated seems to have a very powerful influence on a student's decisions or his satisfaction with those decisions. Considering these findings, there appear to be four major implications for high school guidance: (1) Not all high school

TABLE 8-7. Percentage of students regretting certain decisions as a function of academic aptitude and socioeconomic status for subsamples of Project TALENT 12th grade participants

	Academic Aptitude				Socioeconomic Status				
	Lowest Quarter	Second Quarter	Third Quarter	Highest Quarter	Lowest Quarter	Second Quarter	Third Quarter	Highest Quarter	Overall
Percentage who are sorry they didn't go to college among those who didn't go to college*									
Males	16.3	19.8	20.0	26.8	18.9	17.6	20.9	15.8	18.2
Females	16.2	8.8	14.9	20.4	12.3	12.6	16.4	12.9	13.6
Percentage who are sorry they dropped out of college among those who dropped out of college*									
Males	38.6	24.4	31.1	35.7	33.1	23.5	36.1	36.9	31.4
Females	26.0	23.4	21.4	28.5	33.5	18.6	25.0	28.2	25.1

* Percentages based on weighted frequencies. Each entry is independent of all others.

TABLE 8-8. Percentage of students regretting certain decisions as a function of high school curriculum for subsamples of Project TALENT 12th grade participants

	High School Curriculum						
	General	College Prep.	Comm. Bus.	Vocational	Agriculture	Other	Overall
Percentage who wish they had gotten additional education after high school among those who received no additional education*							
Males	23.0	16.1	23.6	21.7	11.5	18.3	20.4
Females	16.2	8.2	10.3	25.0	7.5	9.0	11.8
Percentage who are sorry they didn't go to college among those who didn't go to college*							
Males	18.3	19.4	19.2	17.9	13.1	21.4	18.2
Females	14.1	15.4	11.9	9.9	24.6	25.5	13.6
Percentage who are sorry about kind of work chosen							
Males	1.1	1.1	1.8	.7	.7	.6	1.0
Females	1.4	.9	1.9	3.2	0.0	2.6	1.5

* Percentages based on weighted frequencies. Each entry is independent of all others

graduates can or should go to college; therefore guidance counselors need to be more realistic in their presentation of the demands a college will make upon its students. It is nothing for a high school to brag about if it sends 70 per cent of its graduates to college only to have a majority of them drop out. (2) Good opportunities for training and work exist for high school students who do not go to college, but guidance counselors must increase their efforts to make students aware of the opportunities so they can take advantage of them. (3) Students seem to view the high school guidance counselor as the person you see about college. This hopefully is not and certainly should not be the way guidance counselors view themselves. Therefore strong efforts must be made to acquaint all students with the total range of services provided by their high school guidance program. (4) The probability of a student's entering and graduating from college is directly related to his academic aptitude, his socioeconomic status, and his high school curriculum. Guidance counselors need to remain fully aware of these relationships as they counsel students.

Chapter 9. WHO GOES TO COLLEGE? AND WHO DOESN'T?

Marion F. Shaycoft

Throughout most of this century there has been a steady trend towards increasing the proportion of the population that goes to college. The acceleration of this trend since World War II has resulted in enormous changes in the character, as well as the size, of the college population. But what some people consider to be a desirable goal, college education for all, is still very far in the future, if, indeed, it is in the future at all. Even the more moderate goal, college education for all who want it and can profit from it, hasn't been reached. In the great sweep towards universal higher education (or perhaps towards what Fritz Machlup referred to as longer broader thinner education[1]), who has been missed by the broom? And who has seen the broom approaching and has jumped out of the way? It is question like this that we shall begin to explore in this chapter.

Table 9-1 (which is based on the grade 12 sample) shows how much post-high-school education students in different high school curricula obtain. Table 9-2 converts these data into percentages. It appears from this table that being in some kind of curriculum other than the academic considerably reduces the likelihood that one will get a college education. This is especially striking in the case of the vocational curriculum. Not only is the percentage of vocational students who enter college very low (see column 7 of Table 9-2), but even after they enter. the probability that they will stay long enough and do well enough to get a bachelor's degree is extremely slim. (See columns 8 and 9.)

The college-preparatory curriculum is the only one of which a large proportion of the graduates go to college. This is hardly surprising, since the very name of the curriculum suggests just that. But which is cause and which is effect? Or is there neither cause nor effect, but merely concomitance? Do the boys and girls in the college-preparatory or academic program go to college because

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[1] In a speech entitled "Longer Education: Thinner, Broader, or Higher", at the Educational Testing Service's 1970 Invitational Conference on Testing Problems, October 31, 1970, in New York.

TABLE 9-1. Joint frequency distributions of amount of education completed (within 5 years after high school) and high school curriculum

Based on Grade 12 sample, five years after high school

		(1)	(2)	(3)	(4)	(5)	(6)
		Number of cases*					
		No college		Some college: no bach. degree	College graduates (Baccalaureate)		
Sex	H.S. curriculum	No post-h.s. education	Some post-h.s. education		No grad work	Has started grad work	Total
M	College prep	374	840	3480	2313	2643	9650
	General	830	1196	916	242	146	3330
	Commercial or business	205	320	282	84	28	919
	Vocational	510	738	288	28	15	1579
	Agricultural	196	163	90	30	17	496
	Other	125	129	117	34	42	447
	Not known	175	225	318	133	154	1005
	Total	2415	3611	5491	2864	3045	17426
F	College prep	585	1172	2269	2485	1395	7906
	General	1038	795	485	247	80	2645
	Commercial or business	2953	1552	615	150	51	5321
	Vocational	181	161	40	7	3	392
	Agricultural	13	11	3	3	0	30
	Other	120	123	57	18	9	327
	Not known	313	241	228	142	78	1002
	Total	5203	4055	3697	3052	1616	17623

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* Unweighted data. Based on all cases that can be classified in one of the five categories represented by columns (1) through (5). The only cases omitted are a small number (86 males, 100 females) who are known to have entered college but w[illegible]tatus in regard to whether they graduated from college is unclear.

TABLE 9-2. Percentage distribution showing relation between amount of education completed (within 5 years after high school) and high school curriculum

Based on Grade 12 sample, five years after high school*

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
		Percentage of each h.s. curriculum group								
		No college		Some college:	College graduates (Baccalaureate)					
Sex	H.S. curriculum	No post-h.s. education	Some post-h.s. education	No bach. degree	No grad work	Has started grad work	Total	Total % that entered college	Total % grad. from college (bach. degree)	% of college entrants that get bach. degree
M	College prep	3.9	8.7	36.1	24.0	27.4	100.0	87.4	51.4	58.7
	General	24.9	35.9	27.5	7.3	4.4	100.0	39.2	11.7	29.8
	Commercial or business	22.3	34.8	30.7	9.1	3.0	100.0	42.9	12.2	28.4
	Vocational	32.3	46.7	18.2	1.8	.9	100.0	21.0	2.7	13.0
	Agricultural	39.5	32.9	18.1	6.0	3.4	100.0	27.6	9.5	34.3
	Other	28.0	28.9	26.2	7.6	9.4	100.0	43.2	17.0	39.4
	Not known	17.4	22.4	31.6	13.2	15.3	100.0	60.2	28.6	47.4
	Total	13.9	20.7	31.5	16.4	17.5	100.0	65.4	33.9	51.8
F	College prep	7.4	14.8	28.7	31.4	17.6	100.0	77.8	49.1	63.1
	General	39.2	30.1	18.3	9.3	3.0	100.0	30.7	12.4	40.3
	Commercial or business	55.5	29.2	11.6	2.8	1.0	100.0	15.3	3.8	24.6
	Vocational	46.2	41.1	10.2	1.8	.8	100.0	12.8	2.6	20.0
	Agricultural	43.3	36.7	10.0	10.0	.0	100.0	20.0	10.0	50.0
	Other	36.7	37.6	17.4	5.5	2.8	100.0	25.7	8.3	32.1
	Not known	31.2	24.1	22.8	14.2	7.8	100.0	44.7	22.0	49.1
	Total	29.5	23.0	21.0	17.3	9.2	100.0	47.5	26.5	55.8

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* Based on the same data as Table 9-1.

they have a high school diploma which gives them a license to, or do they choose the college-preparatory curriculum *because* they fully intend to go to college? Or are both occurrences--the enrollment in a college-preparatory curriculum in high school and the entrance into college--largely the result of some other set of circumstances, such as high IQ, for instance, or high socioeconomic level? Probably there is no single explanation. Certainly high school curriculum is not the *only* factor that determines whether someone will go to college. With the aid of the next set of tables we can begin to explore the role that academic aptitude plays.

In Tables 9-3a through 9-3f students are classified jointly by high school curriculum and their standing on the general academic aptitude composite (C-002)[1] derived from the TALENT Battery. In these six tables (and in several other tables in this chapter) scores on the academic aptitude composite, among others, are expressed in terms of tenths of the general population of the appropriate grade.[2]

While the academic aptitude composite is not precisely an IQ its correlation with IQ is undoubtedly extremely high--probably very close to the limits imposed by the reliabilities of the two instruments.[3] Another composite used in tables later in this chapter is the "IQ composite" (C-001)--so named not because the score on it is an IQ, i.e. either the ratio of mental age to chronological age or a score scaled to simulate this ratio, but because its constituent tests technically are in some ways more like those that go into the traditional "general intelligence test" than are some of the tests in the C-002 composite. C-001, unlike C-002, does not involve measures of high school achievement such as the Math II variable (R-312), which includes elementary algebra.

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[1] See Appendix D for details concerning the C-002 composite.

[2] The conversion tables for deciles are shown in Appendix L; also for quartiles and augmented stanines.

[3] Although the reliability of the C-002 composite has not been formally determined, it is almost certainly very high--probably in the high .90's, in view of the fact that it is based on 289 separate test items, and that some of the component scores that make it up have reliability coefficients in the .90's for groups homogeneous with respect to grade and sex.

In any event since scores on C-001, like C-002 scores, are expressed in this chapter in terms of tenths of the population and since both these composites are closely related to IQ, readers who are accustomed to think in terms of IQ may find it convenient to translate mentally as follows:

Tenth of general population	IQ range
Top 10th	120 and above
9th "	113-119
8th "	108-112
7th "	104-107
6th "	100-103
5th "	97-100
4th "	93- 96
3rd "	88- 92
2nd "	81- 87
Bottom "	80 and below

This little conversion table is based on the assumption that IQ has a mean of 100 and a standard deviation of 15. It would also be well to bear in mind that as a result of dropouts, successive high school grades tend to be increasingly selective, so that although the median IQ is at 100 for the general population it is somewhat higher for grade 12; and of course all the deciles would be raised as well. The inveterate thinker-in-terms-of-IQ will naturally make the necessary allowances in using the above table.

A left-to-right inspection of Tables 9-3a through 9-3f reveals a sharp increase in the percentages entering college as academic aptitude increases. This is true not only for the bottom row of each table, representing all curricula combined, but also for each individual curriculum.

Inspecting Tables 9-3a through 9-3f in a top-to-bottom direction we see that the tendency observed in Table 9-2 is manifest at all levels of academic aptitude and for both sexes. Students in academic curricula are far more likely to go to college than students in vocational curricula or (especially in the case of girls) students in commercial curricula--and this is at least as true for the bottom tenth on academic aptitude as for the top tenth. Among grade 12 boys, about 17 percent of those in the bottom tenth on aptitude enter college; if this seems like a high percentage when one bears in mind the fact that we are talking about college students with IQ's in the vicinity of 80, or maybe lower, consider a select subgroup within this bottom tenth on aptitude. The subgroup consists of 120 boys who were in a college-preparatory curriculum. Rather than 17 percent,

TABLE 9-3a. Number* of students in each tenth** on Academic Aptitude (composite C-002) in each high school curriculum; and percentage* who entered college within five years after high school

Based on Grade 12 boys

High School Curriculum	*	Academic Aptitude (C-002) Bottom tenth	2nd tenth	3rd tenth	4th tenth	5th tenth	6th tenth	7th tenth	8th tenth	9th tenth	Top tenth	All cases
College preparatory	N	120	174	239	334	494	634	969	1480	1889	2781	9114
	% coll.	45.0	62.1	63.6	68.6	77.5	82.5	83.0	88.5	93.6	97.2	88.1
General	N	261	379	383	370	356	376	336	267	193	109	3030
	% coll.	14.9	20.6	28.5	33.0	42.7	44.1	48.2	65.2	66.8	83.5	40.3
Commercial or Business	N	91	107	115	107	120	111	82	60	30	17	840
	% coll.	17.6	19.6	33.9	47.7	45.0	57.7	56.1	68.3	76.7	100.0	44.3
Vocational	N	240	259	240	187	151	131	107	76	38	10	1439
	% coll.	7.9	16.6	16.7	17.6	24.5	30.5	35.5	44.7	55.3	90.0	21.8
Other	N	160	158	105	105	69	72	56	57	35	31	848
	% coll.	14.4	20.9	24.8	36.2	40.6	45.8	44.6	70.2	80.0	93.5	35.7
Omitted or not known	N	59	49	65	58	49	63	64	75	106	128	716
	% coll.	15.3	22.4	41.5	39.7	49.0	71.4	76.6	84.0	91.5	93.8	65.4
All cases	N	931	1126	1147	1161	1239	1387	1614	2015	2291	3076	15987
	% coll.	17.2	26.1	34.3	42.7	54.7	62.8	69.6	82.5	90.2	96.5	67.0***

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* N's and percentages are unweighted.

** Each student's classification on the Academic Aptitude composite (C-002) locates him in terms of deciles based on a weighted distribution of all students in the grade (both sexes combined). See Appendix L.

*** If this percentage is adjusted by weighting the percentage in each tenth equally, to allow at least partially for nonrespondent bias, it is reduced to 57.7%, a somewhat more accurate representation of the percentage of 12th-grade boys who will enter college within five years after high school.

TABLE 9-3b. Number* of students in each tenth** on Academic Aptitude (composite C-002) in each high school curriculum; and percentage* who entered college within five years after high school

Based on Grade 12 girls

		Academic Aptitude (C-002)										
High School Curriculum	*	Bottom tenth	2nd tenth	3rd tenth	4th tenth	5th tenth	6th tenth	7th tenth	8th tenth	9th tenth	Top tenth	All cases
College preparatory	N	109	136	184	305	472	660	897	1287	1558	1906	7514
	% coll.	35.8	51.5	56.5	57.4	68.0	68.0	73.7	78.9	83.8	91.8	78.4
General	N	201	333	273	303	275	284	278	207	180	80	2414
	% coll.	10.4	14.1	17.9	18.5	32.7	32.0	46.8	53.1	63.3	80.0	32.0
Commercial or Business	N	279	542	642	734	750	678	580	423	221	61	4910
	% coll.	8.6	7.7	8.9	14.0	14.8	16.7	19.3	27.7	31.7	54.1	15.9
Vocational	N	80	58	54	54	38	35	20	12	6	2	359
	% coll.	2.5	13.8	13.0	16.7	18.4	14.3	30.0	8.3	16.7	100.0	13.4
Other	N	53	50	40	33	40	37	36	26	18	8	341
	% coll.	13.2	10.0	15.0	27.3	37.5	32.4	22.2	53.8	61.1	37.5	26.4
Omitted or not known	N	47	46	67	75	70	86	110	78	100	68	747
	% coll.	21.3	15.2	28.4	22.7	32.9	43.0	47.3	71.8	67.0	92.6	47.0
All cases	N	769	1165	1260	1504	1645	1780	1921	2033	2083	2125	16285
	% coll.	13.4	15.4	19.2	24.5	34.5	39.7	50.4	64.6	75.3	90.1	48.7***

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* N's and percentages are unweighted.

** Each student's classification on the Academic Aptitude composite (C-002) locates him in terms of deciles based on a weighted distribution of all students in the grade (both sexes combined). See Appendix L.

*** An adjustment similar to that described in Table 9-3a would give 42.7% as an estimate of the percentage of 12th-grade girls who will enter college.

TABLE 9-3c. Number* of students in each tenth** on Academic Aptitude (composite C-002) in each high school curriculum; and percentage* who entered college within five years after high school.

Based on Grade 11 boys

High School Curriculum	*	Academic Aptitude (C-002) Bottom tenth	2nd tenth	3rd tenth	4th tenth	5th tenth	6th tenth	7th tenth	8th tenth	9th tenth	Top tenth	All cases
College preparatory	N	126	144	223	349	554	791	941	1523	1950	3016	9617
	% coll.	34.1	59.7	64.1	74.2	71.1	78.4	83.4	88.4	92.8	97.2	87.5
General	N	228	346	339	410	428	390	338	270	203	136	3088
	% coll.	13.2	19.7	26.5	27.1	37.6	49.2	55.3	64.8	68.5	91.9	41.4
Commercial or Business	N	104	92	119	125	132	111	89	63	31	25	891
	% coll.	19.2	22.8	35.3	40.8	45.5	47.7	64.0	60.3	67.7	100.0	43.5
Vocational	N	220	245	221	235	195	153	104	82	39	18	1512
	% coll.	13.2	15.5	17.6	24.3	27.7	37.3	33.7	46.3	56.4	66.7	25.2
Other	N	161	163	148	131	115	126	82	83	69	42	1120
	% coll.	8.7	19.6	28.4	38.2	40.9	46.0	68.3	73.5	78.3	90.5	40.4
Omitted or not known	N	66	63	46	59	79	58	79	85	106	137	778
	% coll.	9.1	23.8	26.1	54.2	58.2	65.5	73.4	84.7	88.7	95.6	64.8
All cases	N	905	1053	1096	1309	1503	1629	1633	2106	2398	3374	17,006
	% coll.	15.7	24.7	33.6	42.8	50.7	62.5	72.1	82.2	89.2	96.7	67.2***

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* N's and percentages are unweighted.

** Each student's classification on the Academic Aptitude composite (C-002) locates him in terms of deciles based on a weighted distribution of all students in the grade (both sexes combined). See Appendix L.

*** An adjustment similar to that described in Table 9-3a would give 57.0% as an estimate of the percentage of 11th-grade boys who will enter college.

TABLE 9-3d. Number* of students in each tenth** on Academic Aptitude (composite C-002) in each high school curriculum; and percentage* who entered college within five years after high school

Based on Grade 11 girls

High School Curriculum	*	Academic Aptitude (C-002) Bottom tenth	2nd tenth	3rd tenth	4th tenth	5th tenth	6th tenth	7th tenth	8th tenth	9th tenth	Top tenth	All cases
College preparatory	N	82	103	157	252	399	681	943	1457	1738	2298	8110
	% coll.	29.3	49.5	56.1	53.6	62.2	66.8	71.8	79.1	83.3	92.2	78.9
General	N	190	290	303	309	297	303	248	248	191	106	2485
	% coll.	6.8	10.7	14.9	22.0	28.3	35.6	42.3	50.8	65.4	73.6	31.5
Commercial or Business	N	232	502	583	709	782	776	627	506	285	73	5075
	% coll.	9.9	9.6	12.3	11.1	17.8	17.9	23.8	27.5	35.8	47.9	18.2
Vocational	N	61	64	53	59	47	40	39	33	28	12	436
	% coll.	6.6	17.2	17.0	11.9	17.0	22.5	25.6	21.2	46.4	33.3	18.8
Other	N	58	55	60	47	53	52	45	43	48	22	483
	% coll.	15.5	10.9	16.7	19.1	32.1	38.5	44.4	58.1	58.3	72.7	33.1
Omitted or not known	N	45	43	60	54	68	79	88	105	102	86	730
	% coll.	17.8	32.6	28.3	27.8	50.0	43.0	48.9	62.9	80.4	90.7	53.6
All cases	N	668	1057	1216	1430	1646	1931	1990	2392	2392	2597	17319
	% coll.	12.1	15.2	19.8	21.9	32.2	39.6	50.5	63.3	75.2	89.7	50.5***

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* N's and percentages are unweighted.

** Each student's classification on the Academic Aptitude composite (C-002) locates him in terms of deciles based on a weighted distribution of all students in the grade (both sexes combined). See Appendix L.

*** An adjustment similar to that described in Table 9-3a would give 42.0% as an estimate of the percentage of 11th-grade girls who will enter college.

TABLE 9-3e. Number* of students in each tenth** on Academic Aptitude (composite C-002) in each high school curriculum; and percentage* who entered college within five years after high school

Based on Grade 10 boys

High School Curriculum		Academic Aptitude (C-002) Bottom tenth	2nd tenth	3rd tenth	4th tenth	5th tenth	6th tenth	7th tenth	8th tenth	9th tenth	Top tenth	All cases
College preparatory	N	155	194	238	333	538	789	1109	1475	1687	2890	9408
	% coll.	24.5	39.7	53.4	60.4	73.8	76.2	82.5	85.4	90.8	95.8	84.1
General	N	256	324	367	344	339	406	361	338	231	206	3172
	% coll.	11.7	22.5	24.5	31.1	36.0	44.8	53.5	58.9	74.0	85.9	42.4
Commercial or Business	N	142	147	143	120	129	90	84	82	53	29	1019
	% coll.	12.7	23.8	18.2	39.2	36.4	57.8	50.0	64.6	75.5	93.1	38.0
Vocational	N	193	242	224	207	204	164	129	86	71	45	1565
	% coll.	6.2	16.1	17.9	21.7	30.9	29.9	44.2	53.5	46.5	71.1	26.6
Other	N	199	214	188	166	179	153	126	152	73	82	1532
	% coll.	10.1	18.7	23.4	33.1	35.8	48.4	53.2	66.4	69.9	89.0	38.4
Omitted or not known	N	84	65	61	71	83	68	91	88	92	123	826
	% coll.	11.9	24.6	34.4	47.9	57.8	70.6	73.6	79.5	83.7	95.1	61.5
All cases	N	1029	1186	1221	1241	1472	1670	1900	2221	2207	3375	17522
	% coll.	12.4	23.6	28.5	39.4	50.3	60.2	70.6	77.8	86.3	94.6	63.7***

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* N's and percentages are unweighted.

** Each student's classification on the Academic Aptitude composite (C-002) locates him in terms of deciles based on a weighted distribution of all students in the grade (both sexes combined). See Appendix L.

*** An adjustment similar to that described in Table 9-3a would give 54.4% as an estimate of the percentage of 10th-grade boys who will enter college.

TABLE 9-3f. Number* of students in each tenth** on Academic Aptitude (composite C-002) in each high school curriculum; and percentage* who entered college within five years after high school

Based on Grade 10 girls

High School Curriculum	*	Academic Aptitude (C-002)										
		Bottom tenth	2nd tenth	3rd tenth	4th tenth	5th tenth	6th tenth	7th tenth	8th tenth	9th tenth	Top tenth	All cases
College preparatory	N	84	112	148	265	402	594	956	1335	1733	2637	8266
	% coll.	23.8	34.8	47.3	47.9	53.0	59.4	66.8	72.5	77.9	89.4	74.2
General	N	156	234	246	249	288	290	284	299	276	212	2534
	% coll.	5.8	8.1	15.9	19.3	19.4	31.4	35.6	42.8	59.4	72.6	31.9
Commercial or Business	N	197	395	443	570	640	571	564	502	313	179	4374
	% coll.	11.2	5.6	10.6	9.6	13.4	16.1	21.1	28.9	33.9	44.7	17.7
Vocational	N	59	60	55	49	50	54	30	32	30	17	436
	% coll.	11.9	6.7	12.7	6.1	20.0	29.6	30.0	50.0	56.7	35.3	21.8
Other	N	66	82	72	59	64	74	66	60	44	30	617
	% coll.	4.5	11.0	11.1	18.6	26.6	44.6	39.4	43.3	47.7	66.7	28.2
Omitted or not known	N	48	54	50	53	65	77	85	101	109	106	748
	% coll.	12.5	9.3	10.0	34.0	32.3	27.3	43.5	58.4	61.5	75.5	42.6
All cases	N	610	937	1014	1245	1509	1660	1985	2329	2505	3181	16975
	% coll.	11.0	10.5	17.4	21.0	26.7	36.5	46.9	57.6	68.9	84.8	48.9***

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* N's and percentages are unweighted.

** Each student's classification on the Academic Aptitude composite (C-002) locates him in terms of deciles based on a weighted distribution of all students in the grade (both sexes combined). See Appendix L.

*** An adjustment similar to that described in Table 9-3a would give 38.1% as an estimate of the percentage of 10th-grade girls who will enter college.

45 percent of this group entered college. It appears that for the boys making up this 45 percent, high school curriculum (or whatever other factors were responsible for choice of high school curriculum) was a far more potent determiner of who goes to college than was academic aptitude--the ability to profit from a college-preparatory curriculum and from a college program of the usual sort. One respect in which the grade 12 results (Tables 9-3a and 9-3b) differ from those for grades 10 and 11 (Tables 9-3c, 3d, 3e, and 3f) is that in grade 12 students in the top tenth on aptitude seemed to have a very good chance of going to college even if they were in a vocational curriculum. Probably the discrepancy between grade 12 and the other two grades for which these data are presented is due largely to sampling errors, since students with high academic aptitude who find themselves in vocational curricula are not very numerous.

Nevertheless the data seem to suggest that a student at the very top of the range in academic aptitude has a reasonably good chance of getting into college no matter what curriculum he is in. Being in a nonacademic curriculum apparently does damage these chances, but not nearly as much as it damages the chances of a student whose academic aptitude is only moderate.

It should be noted, incidentally, that the percentages in the "all cases" columns of Tables 9-3a through 9-3f (the columns at the right) do not indicate the percentages entering college since they are unweighted data, representing only the respondents. It has been possible to adjust the bottom percentages in these columns, however, as shown in the last footnote on each table. This adjustment allows at least partially for nonrespondent bias, thus providing a somewhat more accurate estimate of the percentage entering college, within each grade-and-sex group. These adjusted percentages are summarized in Table 9-8. It should be noted that the adjustment procedure, which weights each C-002 tenth equally, would be entirely inappropriate for the percentages within any one curriculum, since the assumption of equal representation of each tenth would be wholly untenable. It should also be borne in mind that insofar as the C-002 norms differ for boys and girls, the adjustment for nonrespondent bias will be slightly inaccurate. Since sex differences in regard to the C-002 norms are extremely slight, however (Flanagan et al, 1964, p. 3-69), the adjusted percentages are probably reasonably good approximations.

Table 9-4 provides further data showing the pronounced relationship between academic aptitude and amount of education, with the latter broken down into considerably finer detail than the dichotomous classification used in Table 9-3

TABLE 9-4. Relation of amount of education completed (five years after high school) to academic aptitude (C-002)

Based on Grade 10 sample

Sex	Amount of education completed **	Percentage of column Academic Aptitude (C-002) Bottom tenth	2nd tenth	3rd tenth	4th tenth	5th tenth	6th tenth	7th tenth	8th tenth	9th tenth	Top tenth	All cases %	All cases N	All cases Adjusted %*
M	Some college													
	9 Grad. or prof. sch.	1.1	1.6	1.5	4.2	5.3	7.4	13.2	18.8	26.3	45.9	17.9	2511	12.5
	8 Bach. degree	1.1	2.4	4.2	6.2	9.2	15.0	18.1	22.6	25.1	24.0	16.0	2243	12.8
	7 No bach. degree	8.8	17.7	21.1	28.3	33.5	36.8	38.4	36.1	35.1	24.8	29.7	4168	28.1
	H.S. grad.; no college													
	6 Some post-h.s. educ.	28.1	34.4	38.7	32.4	28.7	24.1	17.8	13.7	8.2	3.5	18.9	2653	23.0
	5 No post-h.s. educ.	40.6	32.5	29.4	24.6	21.0	14.9	11.1	8.2	5.0	1.5	14.5	2031	18.9
	H.S. dropout													
	4 Completed gr. 12	1.0	.6	.4	.4	.1	.1	.1	.1	.1	.1	.2	28	.3
	3 Completed gr. 11	8.8	5.8	3.0	2.0	1.3	1.0	.8	.2	.1	.1	1.6	220	2.3
	2 Completed gr. 10	9.4	4.1	1.7	1.8	.9	.6	.5	.3	.1	.1	1.3	176	2.0
	1 Completed gr. 9	1.1	.8	-	.1	-	.1	.1	.1	-	.0	.1	21	.2
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0
	No. of cases	(736)	(925)	(969)	(987)	(1188)	(1360)	(1537)	(1824)	(1814)	(2711)		14051	
F	Some college													
	9 Grad. or prof. sch.	.5	.7	.7	1.4	2.1	4.3	7.5	10.8	14.9	25.1	10.3	1451	6.8
	8 Bach. degree	2.6	1.6	3.2	4.0	7.2	10.5	17.7	21.1	29.0	38.4	19.1	2695	13.5
	7 No bach. degree	7.6	7.1	12.4	13.9	14.9	18.8	20.0	24.6	24.4	21.3	19.1	2692	16.5
	H.S. grad.; no college													
	6 Some post-h.s. educ.	19.2	27.7	25.2	25.1	23.1	20.7	19.0	16.1	13.0	5.7	16.9	2391	19.5
	5 No post-h.s. educ.	46.1	47.1	47.5	47.8	46.3	40.9	33.4	25.5	17.6	8.9	30.1	4250	36.1
	H.S. dropout													
	4 Completed gr. 12	1.0	1.1	.6	.5	.3	.2	-	-	.0	-	.2	30	.4
	3 Completed gr. 11	10.7	7.3	5.9	3.3	3.0	2.4	1.5	.6	.5	.3	2.2	307	3.6
	2 Completed gr. 10	11.4	7.1	3.9	3.9	3.0	2.1	.7	1.2	.6	.4	2.1	297	3.4
	1 Completed gr. 9	1.0	.3	.5	.2	-	.1	.1	-	-	-	.1	16	.2
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0
	No. of cases	(421)	(743)	(816)	(1035)	(1285)	(1382)	(1646)	(1955)	(2103)	(2743)		14129	

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* Adjusted to allow at least partially for nonrespondent bias, by weighting the percentages in each C-002 tenth equally. This procedure does not correct for any nonrespondent bias with respect to amount of education completed except insofar as such bias is correlated with the nonrespondent bias on C-002.

** Category 9 means that graduate work has been started (not necessarily completed).

TABLE 9-5a. Percentage distributions showing relation of amount of education completed (within five years after high school) to academic aptitude (C-Q02) and socioeconomic status (P*801) considered jointly.

Based on Grade 10 male sample

Academic aptitude (C-002)	Amount of education completed *	Percentage of column Socioeconomic index (P* 801) Under 83	83-87	88-92	93-97	98-102	103-107	108-112	113-117	Over 117	All cases %	N
Top tenth	Some college											
	9 Grad. or prof. sch.	50.0	35.3	31.0	31.1	36.6	44.2	50.3	56.3	62.3	45.9	1245
	8 Bach. degree	25.0	23.5	24.8	29.0	26.1	22.8	24.0	22.4	20.3	24.0	651
	7 No bach. degree	12.5	26.5	32.7	28.7	31.0	25.7	23.1	20.1	16.4	24.8	672
	H.S. grad.; no college											
	6 Some post-h.s. ed.	12.5	5.9	7.1	8.4	3.6	4.9	2.3	0.7	-	3.5	94
	5 No post-h.s. ed.	-	5.9	4.4	2.1	2.0	2.4	0.4	0.5	0.4	1.5	41
	H.S. dropout											
	4 Completed gr. 12	-	-	-	-	0.2	-	-	-	0.4	0.1	2
	3 Completed gr. 11	-	-	-	0.3	0.2	-	-	-	0.4	0.1	3
	2 Completed gr. 10	-	2.9	-	-	0.2	-	-	-	-	0.1	2
	1 Completed gr. 9	-	-	-	0.3	-	-	-	-	-	.0	1
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases	(8)	(34)	(113)	(286)	(448)	(575)	(529)	(437)	(281)		2711
9th tenth	Some college											
	9 Grad. or prof. sch.	6.7	7.7	17.4	21.0	17.8	26.7	32.7	39.9	45.8	26.3	477
	8 Bach. degree	-	15.4	25.7	18.3	27.6	25.0	31.3	27.9	21.9	25.1	456
	7 No bach. degree	40.0	28.8	37.6	37.9	40.8	35.9	30.3	29.3	29.2	35.1	637
	H.S. grad.; no college											
	6 Some post-h.s. ed.	26.7	23.1	14.7	15.5	8.3	7.3	3.2	.5	2.1	8.2	148
	5 No post-h.s. ed.	26.7	23.1	4.6	7.2	4.6	5.1	2.1	2.4	1.0	5.0	91
	H.S. dropout											
	4 Completed gr. 12	-	-	-	-	-	-	.4	-	-	.1	1
	3 Completed gr. 11	-	1.9	-	-	.3	-	-	-	-	.1	2
	2 Completed gr. 10	-	-	-	-	.6	-	-	-	-	.1	2
	1 Completed gr. 9	-	-	-	-	-	-	-	-	-	-	-
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases	(15)	(52)	(109)	(290)	(348)	(412)	(284)	(208)	(96)		1814

8th tenth Some college											
9 Grad. or prof. sch.	3.8	17.2	11.6	13.6	16.3	18.3	24.3	35.4	22.7	18.8	343
8 Bach. degree	3.8	12.5	18.0	18.0	21.8	24.0	28.9	26.7	33.3	22.6	413
7 No bach. degree	30.8	26.6	33.1	35.3	38.6	39.7	34.6	31.7	39.4	36.1	659
H.S. grad.; no college											
6 Some post-h.s. ed.	19.2	25.0	22.1	21.0	15.3	11.2	7.6	3.1	1.5	13.7	249
5 No post-h.s. ed.	34.6	17.2	15.1	11.0	7.2	6.3	4.6	3.1	3.0	8.2	149
H.S. dropout											
4 Completed gr. 12	3.8	-	-	-	-	-	-	-	-	.1	1
3 Completed gr. 11	-	-	-	.4	.5	.3	-	-	-	.2	4
2 Completed gr. 10	3.8	1.6	-	.7	-	.3	-	-	-	.3	5
1 Completed gr. 9	-	-	-	-	.2	-	-	-	-	.1	1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
No. of cases	(26)	(64)	(172)	(272)	(417)	(383)	(263)	(161)	(66)		1824
7th tenth Some college											
9 Grad. or prof. sch.	-	11.1	10.0	8.8	9.6	15.4	15.4	32.6	31.6	13.2	203
8 Bach. degree	13.9	11.1	11.9	17.2	15.2	21.1	25.5	22.1	18.4	18.1	278
7 No bach. degree	22.2	25.4	28.1	32.1	44.2	42.5	45.2	38.9	44.7	38.4	590
H.S. grad.; no college											
6 Some post-h.s. ed.	33.3	25.4	31.3	25.3	17.8	12.0	9.1	3.2	2.6	17.8	273
5 No post-h.s. ed.	27.8	27.0	18.1	14.5	11.1	7.4	3.8	3.2	2.6	11.1	171
H.S. dropout											
4 Completed gr. 12	-	-	-	.3	-	-	-	-	-	.1	1
3 Completed gr. 11	-	-	-	1.4	.9	1.3	1.0	-	-	.8	13
2 Completed gr. 10	2.8	-	.6	.3	.9	.3	-	-	-	.5	7
1 Completed gr. 9	-	-	-	-	.3	-	-	-	-	.1	1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
No. of cases	(36)	(63)	(160)	(296)	(342)	(299)	(208)	(95)	(38)		1537

TABLE 9-5a. (cont.)

Academic aptitude (C-002)	Amount of education completed*	Percentage of column Socioeconomic index (P* 801)									All cases	
		Under 83	83-87	88-92	93-97	98-102	103-107	108-112	113-117	Over 117	%	N
6th tenth	Some college											
	9 Grad. or prof. sch.	-	2.5	5.3	3.4	9.1	7.9	10.1	17.8	20.8	7.4	101
	8 Bach. degree	5.3	12.5	9.4	13.5	15.5	15.7	19.5	23.3	29.2	15.0	204
	7 No bach. degree	15.8	27.5	31.8	32.2	36.3	43.8	45.6	45.2	41.7	36.8	500
	H.S. grad.; no college											
	6 Some post-h.s. ed.	34.2	30.0	35.3	33.7	23.7	17.8	11.4	6.8	4.2	24.1	328
	5 No post-h.s. ed.	36.8	25.0	17.1	15.4	14.2	12.4	12.8	5.5	-	14.9	202
	H.S. dropout											
	4 Completed gr. 12	-	-	-	-	-	.4	-	-	-	.1	1
	3 Completed gr. 11	5.3	2.5	1.2	1.1	.3	.4	.7	1.4	4.2	1.0	14
	2 Completed gr. 10	2.6	-	-	.4	.9	1.2	-	-	-	.6	8
	1 Completed gr. 9	-	-	-	.4	-	.4	-	-	-	.1	2
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases	(38)	(80)	(170)	(267)	(317)	(242)	(149)	(73)	(24)		1360
5th tenth	Some college											
	9 Grad. or prof. sch.	-	2.8	5.0	3.2	4.2	6.1	7.2	22.0	25.0	5.3	63
	8 Bach. degree	3.6	2.8	5.0	6.3	9.5	11.7	18.4	22.0	12.5	9.2	109
	7 No bach. degree	19.6	20.2	27.0	34.2	34.1	39.8	46.4	29.3	50.0	33.5	398
	H.S. grad.; no college											
	6 Some post-h.s. ed.	41.1	36.7	36.5	30.2	30.3	20.4	19.2	19.5	6.3	28.7	341
	5 No post-h.s. ed.	30.4	33.0	22.6	24.3	20.1	20.9	7.2	7.3	-	21.0	249
	H.S. dropout											
	4 Completed gr. 12	-	.9	-	-	-	-	-	-	-	.1	1
	3 Completed gr. 11	3.6	2.8	.6	1.4	1.5	.5	.8	-	6.3	1.3	16
	2 Completed gr. 10	1.8	.9	3.1	.5	.4	.5	.8	-	-	.9	11
	1 Completed gr. 9	-	-	-	-	-	-	-	-	-	-	-
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases	(56)	(109)	(159)	(222)	(264)	(196)	(125)	(41)	(16)		1188

4th tenth	Some college												
	9	Grad. or prof. sch.	2.9	2.4	2.5	4.7	.5	3.1	15.9	17.6	9.1	4.2	41
	8	Bach. degree	4.4	3.6	6.2	3.8	5.9	8.5	11.6	14.7	-	6.2	61
	7	No bach. degree	20.6	10.7	23.6	27.8	34.2	34.9	31.9	32.4	54.5	28.3	279
	H.S. grad.; no college												
	6	Some post-h.s. ed.	30.9	35.7	32.9	35.4	31.5	34.1	30.4	14.7	18.2	32.4	320
	5	No post-h.s. ed.	32.4	39.3	31.7	25.5	23.3	14.0	8.7	20.6	9.1	24.6	243
	H.S. dropout												
	4	Completed gr. 12	1.5	-	-	.5	.9	-	-	-	-	.4	4
	3	Completed gr. 11	-	4.8	1.9	1.9	2.3	2.3	-	-	9.1	2.0	20
	2	Completed gr. 10	7.4	3.6	1.2	.5	1.4	2.3	1.4	-	-	1.8	18
	1	Completed gr. 9	-	-	-	-	-	.8	-	-	-	.1	1
	Total		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases		(68)	(84)	(161)	(212)	(219)	(129)	(69)	(34)	(11)		987
3rd tenth	Some college												
	9	Grad. or prof. sch.	1.1	1.0	1.2	2.0	1.1	3.4	-	-	-	1.5	15
	8	Bach. degree	1.1	1.0	3.0	3.9	3.7	6.2	11.8	16.7	-	4.2	41
	7	No bach. degree	16.1	12.5	16.6	21.1	19.3	28.3	35.3	41.7	33.3	21.1	204
	H.S. grad.; no college												
	6	Some post-h.s. ed.	35.6	35.4	38.5	41.2	42.2	40.0	31.4	20.8	50.0	38.7	375
	5	No post-h.s. ed.	35.6	42.7	34.9	26.5	30.5	20.0	19.6	16.7	-	29.4	285
	H.S. dropout												
	4	Completed gr. 12	-	-	-	1.5	.5	-	-	-	-	.4	4
	3	Completed gr. 11	8.0	3.1	4.1	2.5	1.6	2.1	-	-	16.7	3.0	29
	2	Completed gr. 10	2.3	4.2	1.8	1.5	1.1	-	2.0	4.2	-	1.7	16
	1	Completed gr. 9	-	-	-	-	-	-	-	-	-	-	-
	Total		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases		(87)	(96)	(169)	(204)	(187)	(145)	(51)	(24)	(6)		969

TABLE 9-5a. (cont.)

Academic aptitude (C-002)	Amount of education completed*	Percentage of column Socioeconomic index (P* 801)									All cases	
		Under 83	83-87	88-92	93-97	98-102	103-107	108-112	113-117	Over 117	%	N
2nd tenth	Some college											
	9 Grad. or prof. sch.	-	-	3.3	1.6	1.3	1.0	5.6	-	-	1.6	15
	8 Bach. degree	-	.9	1.6	2.7	1.3	4.9	9.3	-	12.5	2.4	22
	7 No bach. degree	12.0	13.3	12.0	13.6	26.3	29.4	13.0	58.3	50.0	17.7	164
	H.S. grad.; no college											
	6 Some post-h.s. ed.	25.6	33.6	35.5	38.6	38.2	28.4	38.9	25.0	37.5	34.4	318
	5 No post-h.s. ed.	44.4	37.2	33.9	32.1	26.3	29.4	25.9	16.7	-	32.5	301
	H.S. dropout											
	4 Completed gr. 12	.9	-	1.1	1.6	-	-	-	-	-	.6	6
	3 Completed gr. 11	9.4	10.6	6.0	4.3	4.6	2.9	3.7	-	-	5.8	54
	2 Completed gr. 10	6.8	2.7	6.0	4.3	2.0	3.9	1.9	-	-	4.1	38
	1 Completed gr. 9	.9	1.8	.5	1.1	-	-	1.9	-	-	.8	7
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases	(117)	(113)	(183)	(184)	(152)	(102)	(54)	(12)	(8)		925
Bottom tenth	Some college											
	9 Grad. or prof. sch.	-	-	1.4	.8	2.8	1.6	3.6	-	-	1.1	8
	8 Bach. degree	-	1.0	-	2.3	1.8	1.6	3.6	-	-	1.1	8
	7 No bach. degree	4.0	7.9	10.1	10.2	10.1	6.6	21.4	12.5	25.0	8.8	65
	H.S. grad.; no college											
	6 Some post-h.s. ed.	22.1	27.7	28.4	25.8	27.5	45.9	21.4	50.0	75.0	28.1	207
	5 No post-h.s. ed.	45.0	47.5	38.5	38.3	38.5	36.1	42.9	25.0	-	40.6	299
	H.S. dropout											
	4 Completed gr. 12	2.0	1.0	1.4	-	.9	-	-	-	-	1.0	7
	3 Completed gr. 11	12.1	5.9	6.8	13.3	10.1	3.3	-	12.5	-	8.8	65
	2 Completed gr. 10	14.1	8.9	10.8	8.6	6.4	4.9	7.1	-	-	9.4	69
	1 Completed gr. 9	.7	-	2.7	.8	1.8	-	-	-	-	1.1	8
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases	(149)	(101)	(148)	(128)	(109)	(61)	(28)	(8)	(4)		736

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* Category 9 means that graduate work has been started (not necessarily completed).

(entering versus not entering college). The percentage distribution for "all cases" (i.e., all academic aptitude levels combined) has been adjusted, using the same procedure as was used in Tables 9-3a,b,c,d,e,f to adjust the total percentage entering college. The adjusted percentages appear in Table 9-4 in the last column at the right. Here again, the adjustment procedure probably yields reasonably good approximations of the corresponding population values.

By combining percentages for rows 7, 8, and 9 in Table 9-4, we see that about 95 percent of 10th-grade boys in the top 10 percent on academic aptitude and 85 percent of 10th-grade girls at that level enter college. Still considering only the top tenth, about 70 percent of the boys and 63 percent of the girls graduate. If we are willing to assume that, barring special circumstances, virtually everybody in the top tenth on aptitude ought to go to college if he wants to, and again barring special circumstances, that if he doesn't want to it is probably society's loss, it is obvious that the 30 percent of the boys at this level and the 37 percent of the girls represent considerable loss of talent. Of course it is not entirely clear how much of this failure to graduate from college is due to lack of financial resources, how much is due to scholastic difficulties (although it seems unlikely that much can be due to that), and how much is strictly a matter of lack of interest, or of preferring some other line of activity or way of life to being a college student.

Tables 9-5a (for males) and 9-5b (for females) represent an effort to explore one of the issues raised in the last paragraph by investigating the role of socioeconomic level in determining who goes to college. These tables show the relation between socioeconomic index and the amount of education completed, within groups that are homogeneous with respect to academic aptitude. In these tables socioeconomic index (P*801) is shown in nine 5-point intervals with the midpoint of the central interval at 100. (These are half-standard-deviation intervals since the P*801 scale was set up to have a mean of 100 and a standard deviation of 10 for the grade 12 population.[1])

Again focusing on the top 10 percent in academic aptitude, because it is when young men and young women at this level fail to go to college that their

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[1] The mean would probably be a little lower for the general population since it would include the dropouts who never reached grade 12.

TABLE 9-5b. Percentage distributions showing relation of amount of education completed (within five years after high school) to academic aptitude (C-002) and socioeconomic status (P*801) considered jointly.

Based on Grade 10 female sample

Academic aptitude (C-002)	Amount of education completed*	Percentage of column Socioeconomic index (P* 801) Under 83	83-87	88-92	93-97	98-102	103-107	108-112	113-117	Over 117	All cases %	All cases N
Top tenth	Some college											
	9 Grad. or prof. sch.	-	13.3	14.9	13.9	18.7	26.0	26.2	33.5	41.2	25.1	689
	8 Bach. degree	12.5	26.7	30.7	27.4	34.3	40.2	43.6	43.4	43.6	38.4	1052
	7 No bach. degree	43.8	13.3	23.7	26.8	23.3	20.9	22.1	18.7	12.8	21.3	585
	H.S. grad.; no college											
	6 Some post-h.s. ed.	6.3	3.3	12.3	11.7	7.8	5.1	4.1	2.1	1.6	5.7	155
	5 No post-h.s. ed.	31.3	40.0	17.5	18.0	14.5	7.6	4.1	2.3	.8	8.9	244
	H.S. dropout											
	4 Completed gr. 12	-	-	-	-	-	-	-	-	-	-	-
	3 Completed gr. 11	-	-	-	.9	.8	.2	-	-	-	.3	8
	2 Completed gr. 10	6.3	3.3	.9	1.3	.6	-	-	-	-	.4	10
	1 Completed gr. 9	-	-	-	-	-	-	-	-	-	-	-
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases	(16)	(30)	(114)	(317)	(502)	(592)	(489)	(433)	(250)		2743
9th tenth	Some college											
	9 Grad. or prof. sch.	4.2	7.4	8.0	9.6	11.6	15.7	18.7	23.9	31.5	14.9	313
	8 Bach. degree	12.5	13.0	16.7	22.9	26.4	29.5	38.2	39.8	37.0	29.0	610
	7 No bach. degree	8.3	18.5	15.3	24.7	27.9	24.7	23.6	24.9	27.2	24.4	514
	H.S. grad.; no college											
	6 Some post-h.s. ed.	29.2	22.2	23.3	17.5	12.9	15.0	8.5	4.0	-	13.0	273
	5 No post-h.s. ed.	41.7	38.9	32.7	24.7	20.0	14.5	9.9	7.0	4.3	17.6	370
	H.S. dropout											
	4 Completed gr. 12	-	-	-	-	-	-	.3	-	-	.0	1
	3 Completed gr. 11	-	-	2.0	.3	.2	.5	.6	.5	-	.5	10
	2 Completed gr. 10	4.2	-	2.0	.3	1.0	.2	.3	-	-	.6	12
	1 Completed gr. 9	-	-	-	-	-	-	-	-	-	-	-
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases	(24)	(54)	(150)	(292)	(526)	(421)	(343)	(201)	(92)		2103

8th tenth Some college											
9 Grad. or prof. sch.	4.5	7.0	5.7	4.2	9.0	13.0	16.2	18.2	27.1	10.8	212
8 Bach. degree	4.5	14.0	12.5	11.2	19.7	23.9	28.6	35.1	40.7	21.1	413
7 No bach. degree	13.6	17.4	17.0	18.4	22.5	27.3	33.1	34.5	28.8	24.6	481
H.S. grad.; no college											
6 Some post-h.s. ed.	27.3	17.4	19.9	24.5	18.1	15.3	7.6	8.1	3.4	16.1	315
5 No post-h.s. ed.	40.9	40.7	42.0	39.0	29.0	19.2	13.8	3.4	-	25.5	499
H.S. dropout											
4 Completed gr. 12	-	-	-	-	-	-	-	-	-	-	-
3 Completed gr. 11	-	1.2	.6	1.5	.4	.3	.3	.7	-	.6	12
2 Completed gr. 10	9.1	2.3	2.3	1.2	1.3	1.0	.3	-	-	1.2	23
1 Completed gr. 9	-	-	-	-	-	-	-	-	-	-	-
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
No. of cases	(22)	(86)	(176)	(331)	(458)	(385)	(290)	(148)	(59)		1955
7th tenth Some college											
9 Grad. or prof. sch.	-	3.7	4.4	4.5	5.3	10.0	8.9	12.6	43.2	7.5	124
8 Bach. degree	9.7	2.5	13.8	9.4	14.5	19.7	31.1	40.8	32.4	17.7	292
7 No bach. degree	6.5	16.0	12.2	15.2	23.4	20.9	28.9	22.3	24.3	20.0	330
H.S. grad.; no college											
6 Some post-h.s. ed.	9.7	17.3	24.3	21.0	21.8	18.8	15.8	9.7	-	19.0	312
5 No post-h.s. ed.	58.1	59.3	41.4	46.3	33.2	29.4	13.7	14.6	-	33.4	550
H.S. dropout											
4 Completed gr. 12	-	-	-	-	-	-	-	-	-	-	-
3 Completed gr. 11	6.5	1.2	2.8	2.3	1.0	.9	1.1	-	-	1.5	24
2 Completed gr. 10	9.7	-	.6	1.3	.8	-	.5	-	-	.7	12
1 Completed gr. 9	-	-	.6	-	-	.3	-	-	-	.1	2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
No. of cases	(31)	(81)	(181)	(309)	(394)	(320)	(190)	(103)	(37)		1646

TABLE 9-5b. (cont.)

Academic aptitude (C-002)	Amount of education completed*	Percentage of column Socioeconomic index (P* 801) Under 83	83-87	88-92	93-97	98-102	103-107	108-112	113-117	Over 117	All cases %	All cases N
6th tenth	Some college											
	9 Grad. or prof. sch.	-	2.6	2.1	3.0	5.4	3.2	6.2	9.9	25.0	4.3	59
	8 Bach. degree	3.6	2.6	3.7	6.4	10.4	13.4	21.7	22.2	25.0	10.5	145
	7 No bach. degree	12.5	9.1	7.0	16.1	17.4	22.9	27.9	43.2	37.5	18.8	260
	H.S. grad.; no college											
	6 Some post-h.s. ed.	10.7	15.6	21.4	21 0	22.5	26.1	18.6	12.3	6.3	20.7	286
	5 No post-h.s.ed.	51.8	61.0	59.4	48.7	39.6	32.4	24.0	11.1	6.3	40.9	565
	H.S. dropout											
	4 Completed gr. 12	-	-	-	-	.6	.4	-	-	-	.2	3
	3 Completed gr. 11	14.3	1.3	3.7	3.0	1.9	.8	.8	-	-	2.4	33
	2 Completed gr. 10	7.1	6.5	2.1	1.9	2.2	.8	.8	1.2	-	2.1	29
	1 Completed gr. 9	-	1.3	.5	-	-	-	-	-	-	.1	2
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases	(56)	(77)	(187)	(267)	(316)	(253)	(129)	(81)	(16)		1382
5th tenth	Some college											
	9 Grad. or prof. sch.	-	-	1.5	.7	2.2	3.3	3.7	7.5	18.2	2.1	27
	8 Bach. degree	6.9	4.0	2.4	5.5	4.3	13.8	11.9	25.0	9.1	7.2	93
	7 No bach. degree	3.4	7.9	8.3	11.7	14.4	21.4	30.3	22.5	54.5	14.9	192
	H.S. grad.; no college											
	6 Some post-h.s. ed.	15.5	18.8	20.4	24.9	27.4	22.4	23.9	22.5	9.1	23.1	297
	5 No post-h.s. ed.	58.6	50.5	59.2	52.7	47.7	35.7	26.6	17.5	9.1	46.3	595
	H.S. dropout											
	4 Completed gr. 12	1.7	-	-	.7	.4	-	-	-	-	.3	4
	3 Completed gr. 11	5.2	10.9	5.3	1.5	2.2	1.0	.9	2.5	-	3.0	39
	2 Completed gr. 10	8.6	7.9	2.9	2.2	1.4	2.4	2.8	2.5	-	3.0	38
	1 Completed gr. 9	-	-	-	-	-	-	-	-	-	-	-
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases	(58)	(101)	(206)	(273)	(277)	(210)	(109)	(40)	(11)		1285

4th tenth Some college											
9 Grad. or prof. sch.	2.2	-	.6	.4	1.3	1.4	3.0	10.5	-	1.4	14
8 Bach. degree	4.3	1.9	1.9	3.1	4.3	4.1	7.5	13.2	12.5	4.0	41
7 No bach. degree	6.5	5.7	5.6	8.3	15.5	23.0	29.9	39.5	25.0	13.9	144
H.S. grad.; no college											
6 Some post-h.s. ed.	19.6	21.9	26.1	26.6	26.6	25.7	22.4	21.1	25.0	25.1	260
5 No post-h.s. ed.	60.9	50,5	57.1	52.4	46.8	41.9	37.3	10.5	25.0	47.8	495
H.S. dropout											
4 Completed gr. 12	2.2	1.0	.6	.4	-	.7	-	-	-	.5	5
3 Completed gr. 11	2.2	8.6	4.3	3.5	2.6	2.0	-	-	-	3.3	34
2 Completed gr. 10	2.2	9.5	3.7	4.8	3.0	1.4	-	5.3	12.5	3.9	40
1 Completed gr. 9	-	1.0	-	.4	-	-	-	-	-	.2	2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
No. of cases	(46)	(105)	(161)	(229)	(233)	(148)	(67)	(38)	(8)		1035
3rd tenth Some college											
9 Grad. or prof. sch.	-	-	-	-	.6	1.1	4.5	3.8	20.0	.7	6
8 Bach. degree	1.6	2.0	1.3	1.7	2.5	5.7	6.8	23.1	-	3.2	26
7 No bach. degree	6.6	4.1	9.3	7.7	16.7	21.6	25.0	23.1	40.0	12.4	101
H.S. grad.; no college											
6 Some post-h.s. ed.	14.8	18.4	26.5	29.8	28.4	25.0	29.5	15.4	-	25.2	206
5 No post-h.s. ed.	60.7	60.2	52.3	49.7	43.2	40.9	25.0	19.2	20.0	47.5	388
H.S. dropout											
4 Completed gr. 12	-	-	-	1.7	.6	-	-	-	20.0	.6	5
3 Completed gr. 11	9.8	9.2	4.6	5.0	6.8	2.3	2.3	11.5	-	5.9	48
2 Completed gr. 10	4.9	6.1	6.0	3.9	1.2	2.3	6.8	-	-	3.9	32
1 Completed gr. 9	1.6	-	-	.6	-	1.1	-	3.8	-	.5	4
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
No. of cases	(61)	(98)	(151)	(181)	(162)	(88)	(44)	(26)	(5)		816

TABLE 9-5b. (cont.)

Academic aptitude (C-002)	Amount of education completed*	Percentage of column Socioeconomic index (P* 801)									All cases	
		Under 83	83-87	88-92	93-97	98-102	103-107	108-112	113-117	Over 117	%	N
2nd tenth	Some college											
	9 Grad. or prof. sch.	2.1	-	-	.7	-	1.5	-	-	33.3	.7	5
	8 Bach. degree	1.0	2.8	1.3	1.3	1.6	1.5	-	14.3	-	1.6	12
	7 No bach. degree	6.2	3.8	5.9	5.9	4.8	11.9	28.1	14.3	33.3	7.1	53
	H.S. grad.; no college											
	6 Some post-h.s. ed.	16.5	29.2	24.2	29.4	31.2	32.8	37.5	42.9	33.3	27.7	206
	5 No post-h.s. ed.	55.7	50.0	48.4	46.4	48.8	40.3	25.0	28.6	-	47.1	350
	H.S. dropout											
	4 Completed gr. 12	-	1.9	2.6	.7	-	1.5	-	-	-	1.1	8
	3 Completed gr. 11	10.3	6.6	7.8	8.5	6.4	1.5	9.4	-	-	7.3	54
	2 Completed gr. 10	8.2	4.7	9.2	7.2	7.2	9.0	-	-	-	7.1	53
	1 Completed gr. 9	-	.9	.7	-	-	-	-	-	-	.3	2
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases	(97)	(106)	(153)	(153)	(125)	(67)	(32)	(7)	(3)		743
Bottom tenth	Some college											
	9 Grad. or prof. sch.	1.0	-	1.2	-	-	-	-	-	-	.5	2
	8 Bach. degree	4.0	2.7	2.5	1.3	-	6.5	-	-	-	2.6	11
	7 No bach. degree	3.0	6.8	9.9	6.4	6.8	12.9	11.1	100.0	-	7.6	32
	H.S. grad.; no college											
	6 Some post-h.s. ed.	9.9	21.6	24.7	29.5	13.6	16.1	11.1	-	-	19.2	81
	5 No post-h.s. ed.	58.4	39.2	46.9	37.2	47.7	35.5	77.8	-	-	46.1	194
	H.S. dropout											
	4 Completed gr. 12	-	1.4	-	2.6	2.3	-	-	-	-	1.0	4
	Completed gr. 11	11.9	12.2	6.2	11.5	13.6	12.9	-	-	-	10.7	45
	2 Completed gr. 10	10.9	16.2	6.2	11.5	15.9	12.9	-	-	-	11.4	48
	1 Completed gr. 9	1.0	-	2.5	-	-	3.2	-	-	-	1.0	4
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases	(101)	(74)	(81)	(78)	(44)	(31)	(9)	(3)	-		421

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* Category 9 means that graduate work has been started (not necessarily completed).

own loss and society's is greatest, we see that about 83 percent of the males and 85 percent of the females in the top interval on socioeconomic status graduated from college while the corresponding figures for their counterparts in the middle interval (98-102) on socioeconomic status were only 63 percent for the males and 53 percent for the females. And at the next-to-lowest socioeconomic interval (ignoring the lowest because the N's at this level in the top aptitude tenth are too small to give stable results) the percentages of college graduates drop to 59 percent (for males) and 40 percent (for females). It appears that low socioeconomic status is a handicap for both sexes in regard to getting an education, but particularly for girls.

Table 9-6a (for males) and 9-6b (for females) are quite similar to Tables 9-5a and 9-5b, except that the 9-6 tables classify students according to the "IQ composite" (C-001) instead of the general academic aptitude composite (C-002); and the 9-6 tables are somewhat abridged, presenting data only for the two top tenths and the two bottom tenths on the "IQ composite", rather than for all ten tenths. The reason the C-001 composite was used rather than C-002 was to preclude any possibility that the Table 9-5 results were distorted by whatever direct effects high school curriculum might have on the C-002 score. The C-001 score should not be affected directly since none of the components tests something taught directly in high school.

While the details differ, the general picture presented by Tables 9-6a and 9-6b is about the same as that presented by 9-5a and 9-5b. This is hardly surprising of course, since the correlation between the two composites is known to be very high (Shaycoft et al., 1963, Tables V-2c, V-3c, V-4). The results help make it clear, however, that the Table 9-5 results are not an artifact resulting from the relation of socioeconomic level to high school curriculum elected, and via that, an indirect relation to C-002 score. (Since C-001 scores are virtually free of direct effects from high school curriculum the fact that Table 9-6 tells the same story as Table 9-5 reinforces the conclusion that some very able youth are being deprived of a college education because of the limitations imposed on their opportunities by low socioeconomic status.)

Tables 9-7a and 9-7b show the relation between amount of education already completed and amount planned. In Table 9-7a the data are expressed as percentages planning to obtain various amounts of education, within groups homogeneous with respect to amount of education already obtained. In Table

TABLE 9-6a. Percentage distributions showing relation of amount of education completed (within five years after high school) to "IQ composite" (C-001) top two tenths and bottom two tenths only, and socioeconomic status (P*801), considered jointly.

Based on Grade 10 male sample

Percentage of column

IQ composite (C-001)	Amount of education completed*	Socioeconomic index (P* 801)									All cases	
		Under 83	83-87	88-92	93-97	98-102	103-107	108-112	113-117	Over 117	%	N
Top tenth	Some college											
	9 Grad. or prof. sch.	30.8	27.0	29.1	27.1	34.5	42.3	48.6	54.1	62.9	43.5	1126
	8 Bach. degree	7.7	24.3	24.8	24.3	26.9	20.8	22.6	21.8	19.4	22.8	590
	7 No bach. degree	23.1	16.2	33.3	33.2	31.4	27.6	25.0	22.6	15.3	26.5	686
	H.S. grad.; no college											
	6 Some post-h.s. ed.	23.1	18.9	9.4	9.6	4.2	6.4	2.8	.7	.8	4.7	121
	5 No post-h.s. ed.	15.4	10.8	3.4	5.4	2.2	2.8	.8	.7	.8	2.3	59
	H.S. dropout											
	4 Completed gr. 12	-	-	-	-	.2	-	.2	-	.4	.1	3
	3 Completed gr. 11	-	-	-	-	-	.2	-	-	.4	.1	2
	2 Completed gr. 10	-	2.7	-	-	.4	-	-	-	-	.1	3
	1 Completed gr. 9	-	-	-	.4	-	-	-	-	-	.0	1
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases	(13)	(37)	(117)	(280)	(449)	(544)	(500)	(403)	(248)		2591
9th tenth	Some college											
	9 Grad. or prof. sch.	5.6	16.4	13.7	21.8	19.6	25.4	35.9	45.0	43.7	27.3	518
	8 Bach. degree	11.1	12.7	20.2	20.7	20.4	25.6	29.6	25.7	26.2	23.7	450
	7 No bach. degree	27.8	34.5	35.5	32.1	40.3	37.2	27.6	27.2	29.1	33.8	641
	H.S. grad.; no college											
	6 Some post-h.s. ed.	22.2	20.0	22.6	17.9	13.7	6.3	4.6	.5	-	9.8	187
	5 No post-h.s. ed.	22.2	14.5	7.3	6.4	5.1	5.4	2.3	1.5	1.0	4.9	93
	H.S. dropout											
	4 Completed gr. 12	5.6	-	-	-	-	-	-	-	-	.1	1
	3 Completed gr. 11	-	-	-	.7	.5	-	-	-	-	.2	4
	2 Completed gr. 10	5.6	1.8	.8	.4	-	-	-	-	-	.2	4
	1 Completed gr. 9	-	-	-	-	.3	-	-	-	-	.1	1
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases	(18)	(55)	(124)	(280)	(372)	(441)	(304)	(202)	(103)		1899
2nd tenth	Some college											
	9 Grad. or prof. sch.	-	-	2.1	1.8	2.5	1.5	3.3	-	20.0	1.7	9
	8 Bach. degree	-	-	3.1	5.3	2.5	7.4	6.7	14.3	-	3.6	19
	7 No bach. degree	8.6	15.1	12.4	18.4	29.6	25.0	36.7	28.6	40.0	19.6	103
	H.S. grad.; no college											
	6 Some post-h.s. ed.	28.6	34.0	39.2	36.8	32.1	33.8	33.3	42.9	40.0	34.7	182
	5 No post-h.s. ed.	47.1	39.6	33.0	28.1	27.2	23.5	10.0	14.3	-	30.5	160
	H.S. dropout											
	4 Completed gr. 12	-	-	-	2.6	-	-	-	-	-	.6	3
	3 Completed gr. 11	7.1	7.5	2.1	3.5	2.5	2.9	3.3	-	-	3.8	20
	2 Completed gr. 10	8.6	3.8	8.2	2.6	2.5	5.9	3.3	-	-	5.0	26
	1 Completed gr. 9	-	-	-	.9	1.2	-	3.3	-	-	.6	3
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases	(70)	(53)	(97)	(114)	(81)	(68)	(30)	(7)	(5)		525
Bottom tenth	Some college											
	9 Grad. or prof. sch.	-	-	2.5	1.6	.7	2.1	10.2	5.6	12.5	1.8	18
	8 Bach. degree	.6	2.2	1.0	2.2	2.6	3.2	8.2	11.1	12.5	2.4	24
	7 No bach. degree	6.7	8.9	10.4	15.4	16.4	16.0	12.2	38.9	12.5	12.5	127
	H.S. grad.; no college											
	6 Some post-h.s. ed.	20.7	24.4	28.9	24.7	27.6	40.4	18.4	27.8	65.5	26.7	272
	5 No post-h.s. ed.	45.3	47.4	38.3	36.3	36.8	34.0	46.9	11.1	-	39.4	401
	H.S. dropout											
	4 Completed gr. 12	2.2	.7	1.5	1.1	.7	-	-	-	-	1.1	11
	3 Completed gr. 11	11.2	8.1	7.5	11.0	9.2	2.1	-	5.6	-	8.2	83
	2 Completed gr. 10	12.8	7.4	8.0	7.1	5.9	2.1	4.1	-	-	7.4	75
	1 Completed gr. 9	.6	.7	2.0	.5	-	-	-	-	-	.7	7
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases	(179)	(135)	(201)	(182)	(152)	(94)	(49)	(18)	(8)		1018

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* Category 9 means that graduate work has been started (not necessarily completed).

TABLE 9-6b. Percentage distributions showing relation of amount of education completed (within five years after high school) to "IQ composite" (C-001) top two tenths and bottom two tenths only, and socioeconomic status (P*801), considered jointly.

Based on Grade 10 female sample

Percentage of column

IQ composite (C-001)	Amount of education completed *	Socioeconomic index (P* 801)									All cases	
		Under 83	83-87	88-92	93-97	98-102	103-107	108-112	113-117	Over 117	%	N
Top tenth	Some college											
	9 Grad. or prof. sch.	6.7	14.7	12.2	12.4	17.0	25.6	25.7	31.5	41.4	23.6	594
	8 Bach. degree	6.7	23.5	25.2	25.4	32.7	38.1	40.3	45.8	41.9	36.3	913
	7 No bach. degree	46.7	11.8	21.7	26.7	25.1	21.4	22.8	18.1	14.0	21.9	551
	H.S. grad.; no college											
	6 Some post-h.s. ed.	6.7	8.8	13.0	13.7	9.0	5.2	4.1	2.7	1.4	6.5	164
	5 No post-h.s. ed.	26.7	38.2	23.5	19.9	14.6	9.5	6.8	1.9	1.4	10.6	267
	H.S. dropout											
	4 Completed gr. 12	-	-	-	-	-	-	-	-	-	-	-
	3 Completed gr. 11	-	-	2.6	1.0	.6	.2	.2	-	-	.4	11
	2 Completed gr. 10	6.7	2.9	1.7	1.0	1.0	-	-	-	-	.5	12
	1 Completed gr. 9	-	-	-	-	-	-	-	-	-	-	-
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases	(15)	(34)	(115)	(307)	(501)	(515)	(439)	(371)	(215)		2512
9th tenth	Some college											
	9 Grad. or prof. sch.	5.9	6.0	8.6	10.4	11.2	16.5	18.4	26.6	40.2	16.2	307
	8 Bach. degree	11.8	8.0	19.5	18.6	25.5	28.8	40.3	38.9	36.1	28.6	544
	7 No bach. degree	5.9	20.0	11.7	21.6	25.7	26.3	24.8	23.6	20.6	23.3	443
	H.S. grad.; no college											
	6 Some post-h.s. ed.	35.3	14.0	25.0	19.7	12.4	14.8	7.6	3.9	1.0	12.7	242
	5 No post-h.s. ed.	29.4	50.0	33.6	27.9	24.5	12.8	8.3	6.9	2.1	18.1	344
	H.S. dropout											
	4 Completed gr. 12	-	-	-	-	-	-	.3	-	-	.1	1
	3 Completed gr. 11	5.9	-	.8	.7	.5	.5	.3	-	-	.5	9
	2 Completed gr. 10	5.9	2.0	.8	1.1	.2	.5	-	-	-	.5	9
	1 Completed gr. 9	-	-	-	-	-	-	-	-	-	-	-
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases	(17)	(50)	(128)	(269)	(420)	(400)	(315)	(203)	(97)		1899
2nd tenth	Some college											
	9 Grad. or prof. sch.	1.7	-	1.2	-	2.3	3.8	-	-	25.0	1.5	7
	8 Bach. degree	-	3.1	2.4	3.4	2.3	5.7	4.0	14.3	-	3.0	14
	7 No bach. degree	8.5	1.5	4.7	4.6	10.5	13.2	20.0	14.3	50.0	8.1	38
	H.S. grad.; no college											
	6 Some post-h.s. ed.	15.3	21.5	23.5	26.4	30.2	32.1	36.0	28.6	25.0	25.7	121
	5 No post-h.s. ed.	54.2	61.5	54.1	52.9	43.0	37.7	32.0	42.9	-	49.3	232
	H.S. dropout											
	4 Completed gr. 12	-	-	1.2	-	-	-	-	-	-	.2	1
	3 Completed gr. 11	10.2	4.6	7.1	4.6	7.0	1.9	8.0	-	-	5.9	28
	2 Completed gr. 10	8.5	7.7	4.7	6.9	4.7	5.7	-	-	-	5.7	27
	1 Completed gr. 9	1.7	-	1.2	1.1	-	-	-	-	-	.6	3
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases	(59)	(65)	(85)	(87)	(86)	(53)	(25)	(7)	(4)		471
Bottom tenth	Some college											
	9 Grad. or prof. sch.	1.3	-	.5	.6	-	3.3	3.4	-	-	.8	7
	8 Bach. degree	3.2	2.8	2.2	1.8	.8	3.3	-	9.1	100.0	2.4	21
	7 No bach. degree	4.4	4.9	7.1	6.5	9.1	13.3	20.7	63.6	-	8.0	70
	H.S. grad.; no college											
	6 Some post-h.s. ed.	12.7	22.9	26.6	27.8	24.8	25.0	24.1	18.2	-	23.1	203
	5 No post-h.s. ed.	60.8	47.2	44.6	41.4	48.8	35.0	48.3	9.1	-	46.9	411
	H.S. dropout											
	4 Completed gr. 12	-	2.1	1.1	2.4	.8	1.7	-	-	-	1.3	11
	3 Completed gr. 11	9.5	10.4	7.1	10.1	7.4	6.7	3.4	-	-	8.4	74
	2 Completed gr. 10	7.6	9.0	9.8	9.5	8.3	10.0	-	-	-	8.6	75
	1 Completed gr. 9	.6	.7	1.1	-	-	1.7	-	-	-	.6	5
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases	(158)	(144)	(184)	(169)	(121)	(60)	(29)	(11)	(1)		877

* Category 9 means that graduate work has been started (not necessarily completed).

TABLE 9-7a. Relation of amount of education planned to amount of education completed
Based on Grade 10 sample, separately by sex

		Percentage of column Amount of education completed*										
		1	2	3	4	5	6	7	8	9		
		High school dropouts				H.S. grad- no college		Some college				
									Bach. degree			
Sex	Amt. of education planned	Compl. Gr 9	Compl. Gr 10	Compl. Gr 11	Compl. Gr 12	No post-h.s. ed.	Some post-h.s. ed.	No bach. degree	No grad. sch.	Grad. or prof. sch.	All cases %	All cases N
M	College graduate											
	11 Doctorate or LL.B.	-	-	.9	-	.4	1.1	9.8	9.7	55.4	14.0	1936
	10 Masters/other prof. degree	-	-	-	-	.8	.9	16.1	30.1	42.5	17.1	2363
	9 Grad. work; no grad. degree	-	-	-	-	-	-	-	-	2.2	2.2	50
	8 Baccalaureate	-	1.1	.9	-	3.4	8.5	46.9	60.1	-	24.7	3588
	Some college; no degree											
	7 2 yrs or more; or RN	-	.6	1.8	3.6	2.2	4.8	7.2	-	-	3.4	479
	5 Under 2 yrs	76.2	79.5	67.7	75.0	75.6	29.7	20.0	-	-	24.7	3472
	H.S. grad.; no college											
	4 Non-college post-h.s. ed.	-	-	-	-	8.9	38.9	-	-	-	8.8	1213
	3 No further ed. planned	-	-	-	-	8.7	16.0	-	-	-	4.4	601
	H.S. dropout											
	2 Further non-college ed. planned	4.8	11.4	20.9	17.9	-	-	-	-	-	.5	72
	1 No further ed. planned	19.0	7.4	7.7	3.6	-	-	-	-	-	.3	35
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	13809
	No. of cases	(21)	(176)	(220)	(28)	(2025)	(2651)	(4140)	(2243)	(2305)		
F	College graduate											
	11 Doctorate or LL.B.	-	-	.7	-	.1	.1	1.7	2.4	17.8	2.4	340
	10 Masters/other prof. degree	-	-	-	-	.4	.1	9.1	31.5	81.1	15.2	2109
	9 Grad. work; no grad. degree	-	-	-	-	-	-	-	-	1.1	1.1	14
	8 Baccalaureate	6.3	1.0	-	3.3	1.7	4.1	41.5	66.0	-	21.7	3071
	Some college; no degree											
	7 2 yrs or more; or RN	-	.7	.7	-	1.6	12.8	9.8	-	-	4.6	639
	5 Under 2 yrs	75.0	80.5	79.5	83.3	88.6	27.2	37.9	-	-	42.2	5946
	H.S. grad.; no college											
	4 Non-college post-h.s. ed.	-	-	-	-	5.5	52.5	-	-	-	10.7	1491
	3 No further ed. planned	-	-	-	-	2.0	3.1	-	-	-	1.2	162
	H.S. dropout											
	2 Further non-college ed. planned	18.8	16.2	16.9	13.3	-	-	-	-	-	.8	107
	1 No further ed. planned	-	1.7	2.3	-	-	-	-	-	-	.1	12
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	13891
	No. of cases	(16)	(297)	(307)	(30)	(4245)	(2391)	(2682)	(2695)	(1228)		

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* Category 9 means that graduate work has been started (not necessarily completed).

TABLE 9-7b. Relation of amount of education completed to amount of education planned
Based on Grade 10 sample, separately by sex

		Percentage of row										
		Amount of education completed*										
		1	2	3	4	5	6	7	8	9		
		High school dropouts				H.S. grad-no college		Some college				
									Bach. degree		All cases	
Sex	Amt. of education planned	Compl. Gr 9	Compl. Gr 10	Compl. Gr 11	Compl. Gr 12	No post-h.s. ed.	Some post-h.s. ed.	No bach. degree	No grad. sch.	Grad. or prof. sch.	%	N
M	College graduate											
	11 Doctorate or LL.B.	-	-	.1	-	.4	1.4	20.9	11.3	65.9	100.0	1936
	10 Masters/other prof. degree	-	-	-	-	.7	1.1	28.2	28.6	41.4	100.0	2363
	9 Grad. work; no grad. degree	-	-	-	-	-	-	-	-	-	100.0	50
	8 Baccalaureate	-	.1	.1	-	1.9	6.3	54.1	37.6	-	100.0	3588
	Some college; no degree											
	7 2 yrs or more; or RN	-	.2	.8	.2	9.4	26.7	62.6	-	-	100.0	479
	5 Under 2 yrs	.5	4.0	4.3	.6	44.1	22.7	23.8	-	-	100.0	3472
	H.S. grad.; no college											
	4 Non-college post-h.s. ed.	-	-	-	-	14.9	85.1	-	-	-	100.0	1213
	3 No further ed. planned	-	-	-	-	29.3	70.7	-	-	-	100.0	601
	H.S. dropout											
	2 Further non-college ed. planned	1.4	27.8	63.9	6.9	-	-	-	-	-	100.0	72
	1 No further ed. planned	11.4	37.1	48.6	2.9	-	-	-	-	-	100.0	35
	Total	.2	1.3	1.6	.2	14.7	19.2	30.0	16.2	16.7	100.0	
	No. of cases	(21)	(176)	(220)	(28)	(2025)	(2651)	(4140)	(2243)	(2305)		13,809
F	College graduate											
	11 Doctorate or LL.B	-	-	.6	-	1.8	.6	13.5	19.4	64.1	100.0	340
	10 Masters/other prof. degree	-	-	-	-	.8	.1	11.6	40.3	47.2	100.0	2109
	9 Grad. work; no grad. degree	-	-	-	-	-	-	-	-	-	100.0	14
	8 Baccalaureate	-	.1	-	-	2.4	3.2	36.2	58.0	-	100.0	3071
	Some college; no degree											
	7 2 yrs or more; or RN	-	.3	.3	-	10.6	47.7	41.0	-	-	100.0	639
	5 Under 2 yrs	.2	4.0	4.1	.4	63.2	10.9	17.1	-	-	100.0	5946
	H.S. grad.; no college											
	4 Non-college post-h.s. ed.	-	-	-	-	15.8	84.2	-	-	-	100.0	1491
	3 No further ed. planned	-	-	-	-	53.7	46.3	-	-	-	100.0	162
	H.S. dropout											
	2 Further non-college ed. planned	2.8	44.9	48.6	3.7	-	-	-	-	-	100.0	107
	1 No further ed. planned	-	41.7	58.3	-	-	-	-	-	-	100.0	12
	Total	.1	2.1	2.2	.2	30.6	17.2	19.3	19.4	8.8	100.0	
	No. of cases	(16)	(297)	(307)	(30)	(4245)	(2391)	(2682)	(2695)	(1228)		13,891

---

* Category 9 means that graduate work has been started (not necessarily completed).

9-7b the reverse is true; the percentages apply to education already obtained, and the groups are homogeneous with respect to amount planned.

As Table 9-7a shows, roughly three-fourths of the men, and four-fifths of the women who were high school dropouts appear either to have gotten some college education since then (less than two years in almost all cases) or else to have plans to do so.

From Table 9-7b we see, among other things, that about half of those who plan to get a graduate degree have already started graduate work. This is true of both sexes; and those who plan to get a doctorate (or a law degree) are more likely to have started graduate work than are the ones whose goal is a degree at the master's level.

These two tables make it very clear that in regard to education, women tend to set their sights lower than men do. Not only have they gone less far in their schooling during the first five years after high school but also their plans for further formal education in the future are less ambitious (Table 9-7a). Table 9-8 shows clearly that far fewer girls than boys go to college. Going back to Table 9-4, which confirms this finding[1], we see too that far fewer women than men seek doctorates. And the discrepancy is even greater among those with the greatest academic aptitude than among those who are lower in this dimension. In other words the deficit in percentage of women getting doctorates is greatest precisely at the aptitude level where the loss is most serious.

While the sex difference is in the same direction for percentages graduating from college as it is for percentages entering, it is considerably reduced; this suggests that while a smaller percentage of women than men go to college, once they get there they may be somewhat more serious about it. Another factor, of course, and an important one, is that women are not subject to the draft. It may be inferred from Table 9-4 that of those that enter college, 47 percent of the male students and 55 percent of the female students receive a baccalaureate degree within five years.

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[1] The Table 9-4 adjusted percentages entering college differ slightly from the corresponding percentages for Grade 10 in Table 9-8. This is due to slight differences in the cases included. Table 9-4 is based on smaller groups because cases were eliminated that lacked responses to certain items on the follow-up questionnaire, or for whom certain other data were lacking.

TABLE 9-8. Estimate of the percentage of the 1960 high school population that entered college within five years after high school; by grade and sex

Grade	Percentage* entering college	
	M	F
12	57.7	42.7
11	57.0	42.0
10	54.4	38.1

---

* These are the adjusted percentages shown in the bottom footnotes on Tables 9-3a through 9-3f.

Summary and Conclusions

This chapter has been concerned with the general topic of access to higher education. An effort has been made, through the use of Project TALENT data, to gain some insight into the role of such factors as general academic aptitude, kind of curriculum in which the student is enrolled in high school, socioeconomic status, aspirations, and sex.

Academic aptitude of course turned out to be a major factor in determining whether a student would go to college; and whether he would graduate; and whether he would seek a higher degree. It was not the sole factor, however. In attempting to establish the degree to which other factors (socioeconomic status, etc.) were relevant, these other factors were distributed jointly with academic aptitude (which had been split into ten intervals by deciles), so that the effect of the other factors could be assessed for groups homogeneous on the aptitude factor. While most of the tables in this chapter present data separately for all ten of the aptitude tenths, much of the discussion focuses on those members of the sample who have a high level of aptitude. This choice of focus reflects the author's view that if an individual with a high level of aptitude for higher education is deprived of it, it represents a loss both to himself and to society in general; while a person with little aptitude for intellectual endeavor and little liking for it is probably better off not going to college, but instead using the added time to acquire whatever supplementary noncollegiate training seems appropriate, and to get a headstart in becoming established in his chosen career. This more effective use of four years of his life is presumably beneficial not only to him personally but to society.

However those that do not share this view (and even some who do) will probably find it helpful to know that virtually all the findings about who goes to college that apply to the upper levels of aptitude also apply to lower levels. The basic question this chapter attempts to deal with, thus, may be summarized as follows. How many boys and girls who have sufficient academic aptitude to cope successfully with college and whose motivational patterns would enable them to profit from it are being deprived of a college education through no fault of their own? Some of the findings which bear on this general question are:

1. The lower a student's socioeconomic status is the less likely he is to go to college. This is true at all levels of aptitude.

2. At all levels of ability, high school curriculum is an extremely potent determiner of who goes to college. A college-preparatory or academic curriculum is of course the one that produces the largest proportion of college students. The least favorable choice from the point of view of whether its graduates are likely to go to college seems to be the vocational curriculum, and for girls, the commercial or business curriculum. (The boys who take the commercial or business curriculum seem to be an entirely different breed. Unlike the girls, a fairly substantial number of the boys do go to college.)

3. Girls are less likely than boys to go to college. Once they are in, however, girls are more likely than boys to graduate. This is probably due at least partly to the military draft; differences in motivation may also play a role. As for graduate work, women are far less likely than men to work towards a doctorate or other advanced degree.

We have in the groups mentioned above, a store of untapped resources. One of the very simple things that might be done in the secondary schools to reduce the number of young men and young women who would profit from a college education but don't go would be to make certain that students with good college aptitude are not steered into nonacademic curricula by school authorities; and if they want to enroll in such a curriculum in preference to the college-preparatory program, to see that they are fully cognizant of the fact that this may make it almost impossible for them to go to college if they should decide later that they want to.

Chapter 10. THE PREDICTION OF CHOICE OF AND SUCCESS IN COLLEGE MAJORS

James M. Richards, Jr.

One of the major goals of Project TALENT is to identify the educational experiences which better prepare students for their life work. An especially important educational decision for many students is choosing a college major. The present chapter, therefore, considers choice of and success in various college majors for the 11th and 12th grade Project TALENT samples. These results provide a valuable supplement to the studies of vocational choice reported earlier, in that reasonably complete information about this decision and its consequences are available by five years beyond high school. The availability of a measure of success (Grade Point Average in each student's major field) is a particularly strong advantage, for the measures that predict choice of a major or occupation are not necessarily the measures that predict success in the same major or occupation.

The original Project TALENT questionnaire given in high school, the one-year follow-up questionnaire, and the five-year follow-up questionnaire each included a multiple choice question about anticipated or actual college major. Unfortunately, the same alternatives were not used for all of these questions. Therefore, the responses to the one-year and five-year questions were reduced to the corresponding categories of the original questionnaire according to the scheme shown in Table 10-1 for the 11th graders and in Table 10-2 for 12th graders. It can be seen that the correspondence is less than perfect. In doubtful cases, the classification was based on Holland's theory of vocational choice and his empirical classification of major fields based on that theory (1966a, 1966b).

The unweighted percent of students choosing various majors at various points in time are shown in Table 10-3 for females and in Table 10-4 for males. The high school choice is given for those students who did not go to college and high school, one-year, and five-year choices for those students who did go to college.

The most important characteristic of those who did not go to college is the large proportion who did not expect to go. Indeed, these results suggest

TABLE 10-1

Fields Included in Various Categories of College Major for 11th Graders

High School	1-Year Follow-up	5-Year Follow-up
1. Biological Sciences	1. Biological Sciences	1. Biological Sciences
2. Physical Sciences	2. Physical Sciences	2. Physical Sciences
3. Engineering	3. Engineering	3. Engineering
4. Mathematics	4. Mathematics	4. Mathematics
5. Pre-medical	5. ----------	5. Pre-medicine
5. Pre-dental	6. ----------	6. Pre-dentistry
7. Pre-law	7. ----------	7. Pre-law
8. Business administration	8. Business and Commerce	8. Accounting Business and Commerce
9. Education	9. Education	9. Elementary Education Physical Education Education (other)
10. Sociology or Psychology	10. Psychology	10. Psychology Social Science (other)
11. Political Science or Economics	11. Social Studies	11. Economics Political Science
12. Foreign languages	12. Foreign languages	12. Foreign languages
13. Other liberal arts	13. English and literature Philosophy	13. English History Humanities Philosophy
14. Fine arts	14. Fine arts Music	14. Fine arts Music
15. Agriculture	15. Agriculture and forestry	15. Agriculture or forestry
16. Nursing	16. Nursing	16. Nursing
17. Home economics	17. Home economics	17. Home economics
18. Pre-theology	18. Religion	18. Religion or Theology
19. Journalism	19. ----------	19. ----------
20. A field not listed above	20. Some other	20. Architecture Library Science Other health professions Social work Some other
21. Do not expect to attend college	21. ----------	21. ----------
22. All others	22. All others	22. All others

TABLE 10-2

Fields Included in Various Categories of College Major for 12th Graders

High School	1-Year Follow-up	5-Year Follow-up
1. Biological Sciences	1. Biological Sciences	1. Biological Sciences
2. Physical Sciences	2. Physical Sciences	2. Physical Sciences
3. Engineering	3. Engineering	3. Engineering
4. Mathematics	4. Mathematics	4. Mathematics
5. Pre-medical	5. ----------	5. Pre-medicine
6. Pre-dental	6. ----------	6. Pre-dentistry
7. Pre-law	7. ----------	7. Pre-law
8. Business administration	8. Business and Commerce	8. Accounting Business and Commerce
9. Education	9. Education	9. Elementary Education Physical Education Education (other)
10. Sociology or Psychology	10. Psychology	10. Psychology Social Sciences (other)
11. Political Science or Economics	11. Social Studies	11. Economics
12. Foreign languages	12. Foreign languages	12. Foreign languages
13. Other liberal arts	13. English and literature Philosophy	13. English History Humanities Philosophy
14. Fine arts	14. Fine arts Music	14. Fine arts Music
15. Agriculture	15. Agriculture and forestry	15. Agriculture or forestry
16. Nursing	16. ----------	16. Nursing
17. Home economics	17. Home economics	17. Home economics
18. Pre-theology	18. Religion	18. Religion or Theology
19. Journalism	19. ----------	19. ----------
20. A field not listed above	20. Some other	20. Architecture Library Science Other health professions Social work Some other
21. Do not expect to attend college	21. ----------	21. ----------
22. All others	22. All others	22. All others

TABLE 10-3

Percent of Females Choosing Various College Majors at Different Times

	11th Graders				12th Graders			
	No College	College			No College	College		
	H.S. Choice	H.S. Choice	1-Yr Fu Choice	5-Yr Fu Choice	H.S. Choice	H.S. Choice	1-Yr Fu Choice	5-Yr Fu Choice
1. Biological Sciences	0.8	3.5	4.6	3.6	0.5	2.6	5.4	3.5
2. Physical Sciences	0.6	2.4	1.5	1.1	0.4	2.2	1.6	1.3
3. Engineering	0.1	0.3	0.3	0.1	0.0	0.3	0.2	0.1
4. Mathematics	0.8	4.0	3.7	3.0	0.4	3.0	3.3	3.0
5. Pre-medical	0.9	3.4	---	0.2	0.5	2.4	---	0.4
6. Pre-dental	0.3	0.7	---	0.2	0.2	0.5	---	0.2
7. Pre-law	0.4	0.9	---	0.1	0.2	0.8	---	0.1
8. Business administration	10.8	7.5	9.9	7.6	10.1	10.2	8.7	7.5
9. Education	4.0	21.8	25.2	26.5	3.8	26.4	21.3	26.1
10. Sociology or Psychology	1.1	5.3	3.9	7.0	0.9	5.7	3.6	8.0
11. Political Science or Economics	0.1	0.4	6.8	1.4	0.1	0.7	5.7	0.3
12. Foreign languages	0.6	3.7	4.5	3.5	0.7	3.0	3.9	3.2
13. Other liberal arts	0.6	4.5	8.8	14.6	0.5	4.9	7.9	13.3
14. Fine arts	2.1	6.1	6.0	5.6	1.5	6.2	5.9	5.7
15. Agriculture	0.2	0.2	0.0	0.1	0.0	0.1	0.0	0.0
16. Nursing	9.9	9.3	5.7	4.9	9.2	9.0	---	4.6
17. Home Economics	1.5	4.0	4.5	4.4	1.3	3.9	3.8	3.9
18. Pre-theology	0.1	0.3	0.6	0.5	0.1	0.2	0.7	0.4
19. Journalism	0.6	1.9	---	---	0.3	1.4	---	---
20. A field not listed	6.2	7.4	8.4	4.3	5.2	7.5	14.3	4.5
21. Do not expect to attend college	43.9	4.6	---	---	51.6	4.8	---	---
22. No response	14.4	7.8	5.6	11.3	12.5	4.2	13.7	13.9

TABLE 10-4

Percent of Males Choosing Various College Majors at Different Times

	11th Graders				12th Graders			
	No College	College			No College	College		
	H.S. Choice	H.S. Choice	1-Yr Fu Choice	5-Yr Fu Choice	H.S. Choice	H.S. Choice	1-Yr Fu Choice	5-Yr Fu Choice
1. Biological Sciences	1.7	3.2	8.3	5.0	0.9	2.6	7.3	4.5
2. Physical Sciences	2.0	9.4	7.4	5.4	1.4	8.0	6.6	5.1
3. Engineering	9.7	24.4	17.9	13.3	9.0	23.1	16.8	13.2
4. Mathematics	1.7	5.4	5.3	5.0	1.5	4.2	5.6	4.3
5. Pre-medical	0.9	6.4	---	1.3	0.6	5.7	---	1.3
6. Pre-dental	0.3	2.2	---	0.5	0.4	2.1	---	0.5
7. Pre-law	0.9	4.4	---	0.6	0.9	4.3	---	0.9
8. Business administration	4.0	7.5	17.9	17.9	5.7	13.4	16.8	18.7
9. Education	1.3	3.6	5.3	5.9	1.8	5.2	4.8	5.7
10. Sociology or Psychology	0.3	1.1	2.8	6.0	0.3	1.5	2.5	7.6
11. Political Science or Economics	0.2	0.8	8.3	6.1	0.2	1.3	7.5	2.9
12. Foreign languages	0.5	0.6	1.0	0.8	0.5	0.5	1.0	0.9
13. Other liberal arts	0.4	2.4	4.1	11.3	0.4	3.5	3.8	10.1
14. Fine arts	1.2	2.0	3.1	2.5	1.3	2.6	3.0	2.4
15. Agriculture	3.3	2.9	2.8	2.4	2.5	2.7	2.9	2.7
16. Nursing	0.2	0.0	0.0	0.1	0.2	0.1	---	0.0
17. Home Economics	0.2	0.0	0.0	0.1	0.1	0.0	0.1	0.1
18. Pre-theology	0.1	1.3	1.3	0.5	0.2	1.6	1.1	0.6
19. Journalism	0.3	0.9	---	---	0.3	0.9	---	---
20. A field not listed	6.9	8.0	10.8	3.9	7.3	7.2	12.5	4.4
21. Do not expect to attend college	43.4	4.7	---	---	46.4	3.8	---	---
22. No response	20.5	8.8	3.7	11.4	18.1	5.7	7.7	14.1

that a very efficient way to predict college attendance is to ask high school students if they plan to go to college. For males who went to college, the trends parallel trends reported previously for occupational choice. That is, there is a decrease in the proportion indicating engineering, the physical sciences, and pre-med as their major. It should be emphasized, however, that these results involve anticipated major in high school and actual major later on. Therefore, these results should indicate real changes, rather than just changes in aspirations as was the case for occupational choice. Trends for females are weaker and less clear cut.

The next step in the analysis was to correlate scores from the TALENT test battery with choice of and success in the various college majors. This analysis, and subsequent analyses reported in this chapter, involved only those who went to college. Success was measured by student self-reports of GPA in their major field. Considerable evidence has accumulated in other research that such self-reported GPA's are highly correlated with GPA's obtained from college transcripts (Richards & Lutz, 1968).

In the results reported previously for occupational choice, more than 100 test scores were included in some of the multiple correlations. To reduce the complexity of the present study of college majors, only 31 test scores were analyzed, including 3 a priori composites of the TALENT ability tests -- Verbal Composite, Quantitative Composite, and Technical Composite --, the TALENT vocational interest test, the TALENT personality test, and a measure of socio-economic status. These measures have been described in detail in previous Project TALENT reports (Flanagan et al., 1964). The aptitude composites were chosen for similarity to commonly used aptitude composites, especially college admissions tests, and for independence in the sense of having no tests in common.

The multiple correlations between this test battery and choice of and success in the various college majors for females are shown in Table 10-5 and for males in Table 10-6. Correlations with choices are multiple point biserials while correlations with GPA are multiple product moment correlations. Tables 10-5 and 10-6 also show multiple point biserials for recruitment to various fields on the five-year follow-up. A recruit was defined as a person who indicated he majored in a particular field on the five-year follow-up but had chosen a different field on the high school questionnaire. The correlations in Tables 10-5 and 10-6 compare recruits to each field with

TABLE 10-5

Prediction of Choice of and Success in Various College Majors for Females Who Went to College

	Multiple Correlations with TALENT Tests										Phi Between H.S. Choice and 5-Yr Follow-up Choice	
	11th Grade					12th Grade						
	H.S. Choice	1-Yr Fu Choice	5-Yr Fu Choice	5-Yr Fu Recruit	GPA	H.S. Choice	1-Yr Fu Choice	5-Yr Fu Choice	5-Yr Fu Recruit	GPA	11th Grade	12th Grade
1. Biological Sciences	.25	.25	.23	.21	.47	.23	.28	.25	.24	.49	.21	.30
2. Physical Sciences	.28	.20	.18	.15	.54	.28	.20	.23	.19	.58	.17	.36
3. Engineering	.14	---	---	---	---	.15	---	---	---	---	---	---
4. Mathematics	.35	.33	.30	.21	.47	.34	.33	.32	.24	.41	.40	.52
5. Pre-medical	.25	---	---	---	---	.22	---	---	---	---	---	---
6. Pre-dental	.08	---	---	---	---	.09	---	---	---	---	---	---
7. Pre-law	.15	---	---	---	---	.14	---	---	---	---	---	---
8. Business administration	.37	.33	.29	.22	.44	.41	.31	.30	.22	.45	.22	.32
9. Education	.34	.25	.25	.20	.39	.37	.24	.27	.19	.40	.31	.46
10. Sociology or Psychology	.18	.12	.13	.12	.41	.17	.12	.16	.16	.41	.13	.22
11. Politcal Science or Economics	.10	.18	.15	.17	.62	.14	.17	---	---	---	.03	---
12. Foreign languages	.18	.20	.18	.17	.39	.16	.18	.15	.14	.43	.30	.38
13. Other liberal arts	.21	.25	.28	.28	.39	.24	.27	.30	.31	.42	.15	.22
14. Fine arts	.31	.27	.26	.17	.41	.31	.28	.26	.17	.41	.43	.48
15. Agriculture	---	---	---	---	---	---	---	---	---	---	---	---
16. Nursing	.35	.27	.27	.16	.39	.38	---	.26	.13	.48	.43	.52
17. Home Economics	.19	.17	.17	.13	.50	.16	.14	.16	.14	.48	.38	.54
18. Pre-theology	---	.09	.09	.11	.94	---	.11	.08	---	---	---	---
19. Journalism	.21	---	---	---	---	.16	---	---	---	---	---	---
20. A field not listed	.13	.10	.09	.11	.45	.12	.14	.09	.10	.47	.05	.11

Note- Correlations based on groups with less than 35 cases are not shown.

TABLE 10-6

Prediction of Choice of and Success in Various College Majors for
Males Who Went to College

	Multiple Correlations with TALENT Tests										Phi Between H.S. Choice and 5-Yr Follow-up Choice	
	11th Grade					12th Grade						
	H.S. Choice	1-Yr Fu Choice	5-Yr Fu Choice	5-Yr Fu Recruit	GPA	H.S. Choice	1-Yr Fu Choice	5-Yr Fu Choice	5-Yr Fu Recruit	GPA	11th Grade	12th Grade
1. Biological Sciences	.23	.29	.22	.21	.43	.20	.32	.24	.24	.47	.13	.18
2. Physical Sciences	.34	.26	.24	.18	.39	.31	.25	.23	.18	.42	.24	.32
3. Engineering	.47	.43	.38	.23	.28	.51	.45	.40	.21	.29	.35	.46
4. Mathematics	.29	.22	.21	.20	.41	.25	.23	.23	.21	.42	.21	.28
5. Pre-medical	.38	---	.14	.10	.60	.39	---	.16	.09	.69	.18	.27
6. Pre-dental	.17	---	.08	.08	.82	.19	---	.10	---	.96	.15	---
7. Pre-law	.28	---	.08	.07	.69	.28	---	.11	.10	.70	.10	.11
8. Business administration	.37	.38	.30	.23	.36	.46	.37	.36	.23	.34	.20	.36
9. Education	.23	.21	.20	.19	.35	.29	.20	.23	.21	.39	.15	.23
10. Sociology or Psychology	.14	.14	.13	.12	.40	.15	.13	.22	.23	.39	.08	.14
11. Political Science or Economics	.15	.27	.21	.22	.42	.16	.27	.13	.16	.45	.07	.06
12. Foreign languages	.11	.12	.13	.13	.75	.11	.14	.12	.13	.70	.14	.24
13. Other liberal arts	.21	.25	.34	.33	.39	.24	.26	.34	.34	.43	.15	.18
14. Fine arts	.28	.26	.25	.17	.49	.30	.28	.27	.19	.46	.40	.42
15. Agriculture	.32	.27	.26	.19	.46	.30	.28	.27	.19	.39	.38	.51
16. Nursing	---	---	---	---	---	---	---	---	---	---	---	---
17. Home Economics	---	---	---	---	---	---	---	---	---	---	---	---
18. Pre-theology	.19	.16	.10	.11	.79	.21	.16	.12	.10	.86	.08	.17
19. Journalism	.17	---	---	---	---	.18	---	---	---	---	---	---
20. A field not listed	.16	.10	.09	.11	.35	.16	.11	.11	.13	.44	.05	.05

Note- Correlations based on groups with less than 35 cases are not shown.

students in general. In interpreting these results, it again must be remembered that there are ceiling effects on the point biserials resulting from the small proportion of students choosing any particular major. Where the proportion is very small, the ceiling effect may be severe. Therefore, it appears that for many majors choice of and success in that major can be predicted with approximately equal success from the test battery used in this study.

A number of reports have appeared in the literature recently suggesting that expressed choice predicts later choices better than tests predict choices (Cooley, 1966; Dolliver, 1969; Whitney, 1969). Therefore, Tables 10-5 and 10-6 also shows the phi coefficients between choosing each major in high school and indicating the same major on the five-year follow-up. These phi's are most comparable to the multiple point biserials with five-year follow-up choice. This comparison suggests that predicting from the test battery and predicting from the student's choice are roughly equivalent with respect to accuracy. (It is much more efficient, however, simply to ask the student, "What major do you expect to study?") This conclusion should be qualified, however. Much of the validity for expressed choice results from the fact that for any given major most students say they do not expect to study it and don't. For all but a few of the major field groups summarized in these tables, the majority of those reporting that major on the five-year follow-up were "recruits" to that major. The test battery identified such recruits rather well, while expressed choice did not identify them at all.

It is important to know the extent to which the predictors of choice and success are the same. Therefore, additional analyses were made on the similarity of the validities of all predictors against the various criteria. Results are shown in Tables 10-7 and 10-8 for females and males respectively. The index of similarity used is the index of similarity between vectors of factor loadings developed by Tucker and others and cited by Harman (1960). Its use in the present context seems to be justified because the vector of validities is the same as the vector of factor loadings that would be obtained if, with unity in the diagonal, one passed the first factor directly through the criterion. This index is like a correlation in that it ranges from -1 to +1. It differs from a correlation in that it has no known sampling distribution and in that values must be much higher to indicate a high degree of similarity. When using it in matching factors, Harman suggests that values below .9 are much too low to justify calling them the same factor.

TABLE 10-7

Similarity Indices Among Predictors of Various Criteria for Females

	H.S. Choice vs. 1-Yr Fu		H.S. Choice vs. 5-Yr Fu		H.S. Choice vs. Recruit		1-Yr Fu vs. 5-Yr Fu		1-Yr Fu vs. Recruit		5-Yr Fu vs. Recruit		H.S. Choice vs. GPA		1-Yr Fu vs. GPA		5-Yr Fu vs. GPA		Recruit vs. GPA	
	11th	12th	11th	12th	11th	12th	11th	12th	11th	12th	11th	12th	11th	12th	11th	12th	11th	12th	11th	12th
1. Biological Sciences	.96	.98	.96	.96	.93	.95	.99	.97	.99	.96	.99	.99	.48	.48	.61	.49	.59	.52	.66	.53
2. Physical Sciences	.96	.96	.93	.98	.89	.94	.95	.98	.91	.93	.98	.97	.47	.53	.61	.48	.57	.50	.54	.43
3. Engineering	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4. Mathematics	.99	.99	.98	.99	.92	.96	.98	.99	.96	.97	.97	.98	.62	.36	.67	.34	.68	.31	.71	.29
5. Pre-medical	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6. Pre-dental	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7. Pre-law	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8. Business administration	.94	.99	.96	.99	.93	.94	.99	.99	.98	.95	.99	.98	-.28	-.23	-.45	-.17	-.38	-.22	-.44	-.23
9. Education	.61	.83	.51	.57	.15	.12	.98	.90	.86	.54	.92	.84	.24	.24	-.54	-.23	-.62	-.49	-.78	-.58
10. Sociology or Psychology	.77	.91	.81	.83	.68	.73	.82	.85	.80	.76	.97	.97	.77	.63	.65	.59	.74	.80	.68	.84
11. Political Science or Economics	.84	.93	.70	---	.70	---	.71	---	.71	---	.99	---	.15	---	.34	---	.19	---	.22	---
12. Foreign languages	.95	.94	.93	.95	.89	.83	.96	.97	.94	.92	.99	.94	.38	.73	.59	.80	.48	.78	.54	.75
13. Other liberal arts	.88	.92	.90	.95	.86	.91	.98	.97	.98	.97	.99	.99	.64	.69	.85	.83	.86	.76	.89	.80
14. Fine arts	.98	.99	.99	.98	.93	.90	.98	.98	.93	.90	.97	.94	.40	.09	.38	.18	.40	.02	.40	-.04
15. Agriculture	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16. Nursing	.94	---	.90	.92	.79	.83	.98	---	.87	---	.90	.92	-.01	.05	.12	---	.20	.11	-.05	.20
17. Home Economics	.95	.90	.95	.93	.88	.77	.97	.92	.92	.84	.96	.91	-.09	-.22	-.24	-.46	-.29	-.34	-.38	-.45
18. Pre-theology	---	---	---	---	---	---	.84	.68	.84	---	.99	---	---	---	---	---	---	---	---	---
19. Journalism	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20. A field not listed	.34	.84	-.14	.86	-.15	.77	.39	.94	.26	.91	.94	.98	-.58	.11	-.38	.54	-.07	.47	.08	.55

TABLE 10-8

Similarity Indices Among Predictors of Various Criteria for Males

	H.S. Choice vs. 1-Yr Fu		H.S. Choice vs. 5-Yr Fu		H.S. Choice vs. Recruit		1-Yr Fu vs. 5-Yr Fu		1-Yr Fu vs. Recruit		5-Yr Fu vs. Recruit		H.S. Choice vs. GPA		1-Yr Fu vs. GPA		5-Yr Fu vs. GPA		Recruit vs. GPA	
	11th	12th	11th	12th	11th	12th	11th	12th	11th	12th	11th	12th	11th	12th	11th	12th	11th	12th	11th	12th
1. Biological Sciences	.84	.85	.86	.90	.77	.82	.94	.94	.91	.92	.98	.98	.11	.40	.54	.63	.47	.65	.55	.73
2. Physical Sciences	.99	.99	.97	.98	.92	.90	.98	.98	.96	.93	.98	.96	.71	.63	.72	.70	.72	.67	.70	.72
3. Engineering	.97	.99	.96	.99	.87	.89	.99	.99	.96	.93	.96	.94	.51	.52	.48	.50	.55	.49	.43	.21
4. Mathematics	.88	.96	.80	.89	.66	.81	.95	.93	.87	.88	.97	.96	.53	.44	.46	.52	.45	.52	.34	.48
5. Pre-medical	---	---	.91	.93	.72	.68	---	---	---	---	.92	.86	.46	.53	---	---	.42	.65	.41	.72
6. Pre-dental	---	---	.79	.80	.62	---	---	---	---	---	.91	---	.16	---	---	---	-.09	---	.10	---
7. Pre-law	---	---	.69	.85	.17	.79	---	---	---	---	.76	.95	.46	.08	---	---	.26	-.14	-.29	-.02
8. Business administration	.94	.98	.91	.96	.75	.72	.98	.98	.89	.79	.95	.88	-.22	-.14	-.42	-.23	-.41	-.21	-.38	-.21
9. Education	.79	.86	.61	.73	.51	.57	.94	.96	.90	.89	.99	.97	-.24	-.49	-.57	-.67	-.57	-.65	-.57	-.65
10. Sociology or Psychology	.91	.90	.95	.86	.92	.78	.88	.90	.90	.86	.97	.98	.46	.26	.57	.45	.44	.57	.57	.66
11. Political Science or Economics	.94	.93	.87	.73	.84	.61	.85	.54	.79	.40	.99	.98	.43	.69	.37	.51	.63	.64	.69	.59
12. Foreign languages	.87	.93	.77	.84	.68	.74	.87	.92	.83	.86	.98	.97	.11	.58	.43	.63	.53	.54	.57	.53
13. Other liberal arts	.93	.94	.96	.96	.93	.94	.96	.97	.97	.97	.99	.99	.44	.58	.68	.77	.57	.71	.66	.76
14. Fine arts	.99	.99	.98	.98	.93	.92	.98	.97	.95	.94	.98	.97	.29	.32	.20	.28	.32	.39	.34	.30
15. Agriculture	.98	.98	.99	.97	.93	.88	.99	.99	.97	.92	.98	.95	-.27	-.33	-.28	-.42	-.23	-.41	-.18	-.40
16. Nursing	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
17. Home Economics	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18. Pre-theology	.65	.89	.63	.79	.60	.68	.86	.93	.85	.88	.98	.97	.51	.49	-.15	.22	-.07	.18	-.11	.02
19. Journalism	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20. A field not listed	.88	.57	.53	.64	.32	.54	.51	.18	.28	.05	.95	.98	-.65	-.72	-.51	-.13	-.59	-.76	-.49	-.73

There appears to be considerable similarity among the predictors of choice at various points in time. This suggests, for example, that the kind of people who choose engineering in high school are the same kind of people who have majored in engineering five years later. One should not interpret these results too strongly, however, for they involve overlap and part-whole relationships. If 95% of those indicating a major on the five-year follow-up are recruits, there will obviously be a very high degree of similarity between the predictors of recruitment to and five-year follow-up choice of that major. The most important trend in these two tables is the relatively low degree of similarity between the predictors of choice and the predictors of success. Indeed, in a number of cases the predictors of choice are negatively related to the predictors of success. This suggests that choice is not always a satisfactory substitute for a measure of success. This in turn implies that it is very important to obtain information about occupational success in the ten-year and twenty-year follow-ups, since of necessity Project TALENT so far has used occupational choice as the major criterion in its studies of occupations.

When correlations between individual tests and the various criteria are considered, it appears that the best predictor of choice of a given major is likely to be score on an appropriate vocational interest scale while the best predictor of success in that major is likely to be score on a conventional test of academic aptitude. Therefore, the overall pattern of results of this study support much ordinary practice in using tests as an aid in counseling students about their major field. When following this practice, the counselor begins with the student's expressed choice, checks to see whether the student's interests are consistent with that choice, and also looks at the student's aptitude scores to determine if he is likely to succeed in that major. By using longitudinal data for a representative sample of students over an appropriate time period, the present study provides sounder empirical support for this common practice.

Chapter 11. PREPARATION FOR A CAREER

Marion F. Shaycoft

This chapter is concerned not so much with how one prepares for any specific career as with broader factors which apply in general to preparing for a career and to breaking into the career field of one's choice.

The grade 12 five-year follow-up questionnaire included the following series of questions:

8. (a) What occupation do you plan to make your life work? Be as specific as possible. (For instance, if military service, specify type of work.)

____

____

____

(b) What steps have you taken in this direction? Mark as many as apply.

☐ 8 a. I now have a regular job in this field.
☐ 4 b. I now have a job as a trainee in this field.
☐ 2 c. My present job may lead to work in this field.
☐ 1 d. I am doing volunteer work in this field.
☐ 1 e. I have had special training or education in this field.
☐ 9 f. None of the above.

(c) If you have had special training or education in this field, how or where did you get it? (Mark as many as apply.)

☐ 1 a. In high school.
☐ 2 b. In college as an undergraduate.
☐ 4 c. In graduate school or professional school after college.
☐ 8 d. In some other kind of school, since high school.
☐ 1 e. An apprenticeship program.
☐ 2 f. On-the-job training (informal or formal).
☐ 4 g. An informal program: reading or other independent study.
☐ 1 h. Some other way.
☐ 9 i. I have had no special training or education in this field.

18. Have you made any important decisions that you are sorry about now? (Mark as many as apply.)

☐ 1 a. I wish I had taken additional educational training after high school to prepare me for a better job.
☐ 2 b. I wish I had graduated from high school instead of dropping out.
☐ 4 c. I'm sorry I didn't go to college.
☐ 8 d. I'm sorry I dropped out of college.
☐ 1 e. I wish I had never gone to college.
☐ 2 f. I'm sorry I didn't select a different college from the one I attended.
☐ 4 g. I wish I had chosen a different major field in college.
☐ 1 h. I'm sorry about the kind of work I decided to do.
☐ 2 i. I wish I hadn't been so young when I got married.

☐ 4 j. Other (Specify.) ________________________

____

☐ 9 k. No, I am not sorry about any important decisions I've made.

Tables 11-1 through 11-4, each of which is divided into two tables (11-1a for males and 11-1b for females) present various crosstabulations of item 18 (the columns) and item 8b or 8c (the rows). (Tables 11-1 and 11-3 involve item 8b while Tables 11-2 and 11-4 are for 8c.) These tabulations are intended for a preliminary investigation of the extent to which young men and young women feel they have made progress towards their chosen career fields and the relation of their views in this matter to whether they feel they have made mistakes in some important decisions they may have made while they were in high school or later. The decisions considered are mostly ones that are either directly or indirectly about amount and kind of education, or choice of occupational field.

The way these tables are read will be illustrated in terms of column d and row e of Tables 11-1a and 11-3b, and column k and row f of Table 11-3a.

> In Table 11-1a (column d and row e): Among the 1,201 men who indicate they are sorry about dropping out of college, 43.8 percent report that they have had special training or education in their chosen career field. Among the 14,719 men who do not indicate that they dropped out of college and regret it, 48.6 percent report they have had special training or education.
>
> In Table 11-3b (column d and row e): Among the 4,898 women who report that they have had special training or education in their chosen career field, 6.3 percent indicate that they dropped out of college and now regret it. Among the 11,492 women who do not report they have had special training or education, 5.9 percent indicate that they dropped out of college and now regret it.
>
> In Table 11-3a (column k and row f): Among the 2,065 men who indicate that they have taken none of the five steps represented by options a-e of questionnaire item 8b, 43.7 percent indicate they have not made any decision they now regret, among the ten possibilities represented by options a-j of item 18. And among the 13,855 men who indicate they have taken at least one of the five steps represented by options a-e of item 8b, 60.0 percent indicate they have not made any decision they now regret, among the ten possibilities represented by options a-j of item 18.

Among the points observable from a study of these tables are the following:

1. Having special training or education in line with one's career plan (item 8b, option e) is conducive towards tranquillity about one's decisions--at least for the men. Of the men who indicated no

regrets(item 18, option k), 53.7 percent reported special training or education, while the corresponding percentage for those who did indicate some regrets was only 40.6 percent (Table 11-1a). For the women the difference in percentages is much smaller (31.4 percent versus 27.1 percent; see Table 11-1b).

Table 11-3a confirms the important role played by special training or education, among the men, and the less striking role it seems to play in how the women feel. (Tables 11-3a and 11-3b are of course based on exactly the same data as Tables 11-1a and 11-1b, merely presented in a different way; therefore it is hardly surprising that the findings are similar.)

2. The preeminent position that special training or education holds among men, in preventing, dispelling, or suppressing regrets, is occupied by having a regular job in the field (Item 8b, option a) for women (42.8 percent versus only 29.9 percent; see Table 11-1b).

3. Just as special training or education (in the case of the men) and a regular job in the chosen field (in the case of the women) seems associated with fewer regrets, failure to have taken any steps towards reaching one's career goal seems associated with regrets about almost everything--particularly with the kind of work chosen, and in the case of the women, with having dropped out of high school. (See Tables 11-1a and 11-1b, row f; also Tables 11-3a and 11-3b, row f.)

4. It appears from Tables 11-2a, 2b, 4a, and 4b that those who report they have received special training or education in college or graduate school are less likely to be unhappy about decisions than those who don't report this. The latter show a tendency to feel they would be better off if they had received more post-high-school education.

5. A position as a trainee, the vague hope that one's "present job may lead to work in [the desired] field", volunteer work, apprenticeship, on-the-job training, an informal program--none of

TABLE 11-1a. Relation of steps towards long-range career plan to whether decisions about education, career, etc., are regretted
Based on Grade 12 males

Percentage of those who are sorry (and percentage not sorry) about the matter indicated in the column heading below that have taken the indicated step

Group Steps towards career plans**	N	Sorry about decision indicated at right?	Decision that might be regretted* a Not enough post-h.s. education	b H.S. drop-out	c No coll.	d Coll. drop-out	e Entered college	f Choice of coll.	g Major field	h Kind of work	i Married too young	j Other	k None
a. Regular job in the field	5241	Sorry	31.3	37.3	36.9	33.1	37.3	26.6	22.4	13.7	35.0	24.3	35.3
		Not sorry	33.1	32.9	32.6	32.9	32.9	33.3	33.6	33.2	32.8	33.5	29.6
b. Trainee	1485	Sorry	8.7	7.5	8.3	10.7	7.8	8.9	8.4	7.6	8.4	9.9	9.8
		Not sorry	9.4	9.3	9.4	9.2	9.3	9.4	9.4	9.3	9.4	9.3	8.7
c. Present job may lead to it	2217	Sorry	17.9	20.9	15.8	19.7	5.9	16.1	18.0	15.2	19.9	16.5	12.6
		Not sorry	13.5	13.9	13.8	13.5	14.0	13.8	13.7	13.9	13.7	13.7	15.7
d. Volunteer work	337	Sorry	2.9	1.5	2.7	2.7	.0	2.3	2.8	3.6	2.2	2.9	2.0
		Not sorry	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.3
e. Special training or education	7673	Sorry	28.9	41.8	32.0	43.8	54.9	55.9	48.7	34.5	39.0	56.3	53.7
		Not sorry	50.4	48.2	49.7	48.6	48.2	47.7	48.2	48.4	48.5	47.6	40.6
f. None	2065	Sorry	22.9	14.9	20.1	16.9	23.5	14.8	20.2	36.0	15.5	15.9	9.8
		Not sorry	11.8	13.0	12.3	12.7	12.9	12.9	12.5	12.7	12.9	12.8	17.4
TOTAL	15920	Sorry	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		Not sorry	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOTAL NO. OF CASES	15920	Sorry	1662	67	1361	1201	51	919	924	197	549	1066	9221
		Not sorry	14258	15853	14559	14719	15869	15001	14996	15723	15371	14854	6699

*Five-year follow-up questionnaire item 18
**Five-year follow-up questionnaire item 8b

TABLE 11-1b. Relation of steps towards long-range career plan to whether decisions about education, career, etc., are regretted
Based on Grade 12 females

Percentage of those who are sorry (and percentage not sorry) about the matter indicated in the column heading below that have taken the indicated step

Group: Steps towards career plans**	N	Sorry about decision indicated at right?	Decision that might be regretted*										
			a	b	c	d	e	f	g	h	i	j	k
			Not enough post-h.s. education	H.S. drop-out	No coll.	Coll. drop-out	Entered college	Choice of coll.	Major field	Kind of work	Married too young	Other	None
a. Regular job in the field	6257	Sorry	26.1	12.2	33.2	26.2	26.2	34.2	30.7	21.9	26.1	32.3	42.8
		Not sorry	39.3	38.2	38.7	38.9	38.2	38.4	38.5	38.4	39.0	38.4	29.9
b. Trainee	292	Sorry	2.3	4.9	1.6	2.1	2.4	3.1	2.2	2.2	2.5	3.4	1.6
		Not sorry	1.7	1.8	1.8	1.8	1.8	1.7	1.8	1.8	1.7	1.7	2.1
c. Present job may lead to it	742	Sorry	5.7	.0	5.5	6.1	7.1	8.7	8.1	5.8	5.2	8.2	3.8
		Not sorry	4.4	4.5	4.4	4.4	4.5	4.3	4.4	4.5	4.5	4.4	5.9
d. Volunteer work	250	Sorry	1.5	.0	2.1	2.3	2.4	1.9	2.1	.9	2.5	2.0	1.4
		Not sorry	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
e. Special training or education	4898	Sorry	17.8	12.2	20.3	31.2	21.4	38.9	38.8	31.3	26.2	40.0	31.4
		Not sorry	31.0	29.9	30.9	29.8	29.9	29.5	29.5	29.9	30.1	29.4	27.1
f. None	3816	Sorry	36.1	61.0	31.2	29.1	35.7	22.7	25.2	40.2	27.7	23.7	20.5
		Not sorry	22.1	23.2	22.5	22.9	23.3	23.3	23.2	23.0	23.0	23.3	28.1
TOTAL	16390	Sorry	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		Not sorry	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOTAL NO. OF CASES	16390	Sorry	1376	41	1504	989	42	737	632	224	1074	733	10470
		Not sorry	15014	16349	14886	15401	16348	15653	15758	16166	15316	15657	5920

*Five-year follow-up questionnaire item 18
**Five-year follow-up questionnaire item 8b

TABLE 11-2a. Relation of special training or education relevant to long-range career plan to whether decisions about education, career, etc., are regretted

Based on Grade 12 males

Percentage of those who are sorry (and percentage not sorry) about the matter indicated in the column heading below that have had the indicated special training or education

Group				Decision that might be regretted*									
			a	b	c	d	e	f	g	h	i	j	k
Special training or education**	N	Sorry about decision indicated at right?	Not enough post-h.s. education	H.S. drop-out	No coll.	Coll. drop-out	Entered college	Choice of coll.	Major field	Kind of work	Married too young	Other	None
a. In high school	2343	Sorry	15.2	9.0	13.8	15.5	13.7	15.9	12.1	12.7	14.9	15.7	15.6
		Not sorry	14.7	14.7	14.8	14.7	14.7	14.6	14.9	14.7	14.7	14.6	13.5
b. In college (undergrad.)	6799	Sorry	8.8	9.0	3.5	37.9	33.3	56.4	49.1	24.9	32.4	52.4	51.4
		Not sorry	46.7	42.8	46.4	43.1	42.7	41.9	42.3	42.9	43.1	42.0	30.8
c. In grad. or prof. school	2733	Sorry	1.1	1.5	1.0	1.1	3.9	15.5	16.2	6.6	7.1	12.8	24.1
		Not sorry	19.0	17.2	18.7	18.5	17.2	17.3	17.2	17.3	17.5	17.5	7.6
d. In other school since h.s.	1822	Sorry	17.3	17.9	26.5	15.6	13.7	9.8	8.7	9.1	12.0	11.1	9.2
		Not sorry	10.8	11.4	10.0	11.1	11.4	11.5	11.6	11.5	11.4	11.5	14.5
e. Apprenticeship	945	Sorry	7.0	7.5	7.3	7.7	9.8	5.1	4.0	3.6	7.1	5.5	6.0
		Not sorry	5.8	5.9	5.8	5.8	5.9	6.0	6.1	6.0	5.9	6.0	5.8
f. On-the-job trng	5694	Sorry	41.5	53.7	44.7	48.5	45.1	34.9	30.7	29.9	42.6	35.1	34.6
		Not sorry	35.1	35.7	34.9	34.7	35.7	35.8	36.1	35.8	35.5	35.8	37.3
g. Informal program (e.g. reading)	1699	Sorry	11.5	14.9	11.7	17.8	15.7	15.6	13.5	8.1	12.4	15.7	9.6
		Not sorry	10.6	10.7	10.6	10.1	10.7	10.4	10.5	10.7	10.6	10.3	12.1
h. Some other way	663	Sorry	5.4	13.4	5.2	5.0	9.8	4.1	4.3	4.1	6.0	6.1	3.7
		Not sorry	4.0	4.1	4.1	4.1	4.1	4.2	4.2	4.2	4.1	4.0	4.7
i. None	1369	Sorry	19.3	9.0	16.5	8.8	9.8	7.6	11.6	21.3	11.5	8.2	6.3
		Not sorry	7.4	8.6	7.9	8.6	8.6	8.7	8.4	8.4	8.5	8.6	11.7
TOTAL	15920	Sorry	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		Not sorry	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOTAL NO. OF CASES	15920	Sorry	1662	67	1361	1201	51	919	924	197	549	1066	9221
		Not sorry	14258	15853	14559	14719	15869	15001	14996	15723	15371	14854	6699

*Five-year follow-up questionnaire item 18

**Five-year follow-up questionnaire item 8c

TABLE 11-2b. Relation of special training or education relevant to long-range career plan to whether decisions about education, career, etc., are regretted

Based on Grade 12 _females_

Percentage of those who are sorry (and percentage not sorry) about the matter indicated in the column heading below that have had the indicated special training or education

Group Special training or education**	N	Sorry about decision indicated at right?	Decision that might be regretted* a Not enough post-h.s. education	b H.S. drop-out	c No coll.	d Coll. drop-out	e Entered college	f Choice of coll.	g Major field	h Kind of work	i Married too young	j Other	k None
a. In high school	3066	Sorry	26.4	7.3	23.1	21.8	9.5	18.7	16.0	19.6	23.0	21.7	18.0
		Not sorry	18.0	18.7	18.3	18.5	18.7	18.7	18.8	18.7	18.4	18.6	20.0
b. In college (undergrad.)	5258	Sorry	4.8	4.9	1.7	35.8	19.0	49.7	49.4	21.4	15.7	40.2	37.2
		Not sorry	34.6	32.1	35.1	31.8	32.1	31.3	31.4	32.2	33.2	31.7	23.1
c. In grad. or prof. school	1454	Sorry	1.0	.0	2.2	.9	4.8	10.9	12.8	7.1	2.7	10.0	11.0
		Not sorry	9.6	8.9	9.5	9.4	8.9	8.8	8.7	8.9	9.3	8.8	5.1
d. In other school since h.s.	1669	Sorry	9.2	7.3	21.5	7.7	11.9	5.8	3.3	14.3	11.0	10.8	9.7
		Not sorry	10.3	10.2	9.0	10.3	10.2	10.4	10.5	10.1	10.1	10.2	11.0
e. Apprenticeship	186	Sorry	.8	.0	.8	1.7	.0	1.5	1.3	1.3	1.2	1.4	1.2
		Not sorry	1.2	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
f. On-the-job trng	3402	Sorry	26.5	12.2	25.4	25.9	21.4	25.0	22.0	17.9	25.0	27.4	19.4
		Not sorry	20.2	20.8	20.3	20.4	20.8	20.6	20.7	20.8	20.5	20.4	23.2
g. Informal program (e.g. reading)	775	Sorry	5.3	.0	5.7	7.5	.0	9.5	7.4	5.8	5.8	7.1	4.3
		Not sorry	4.7	4.7	4.6	4.6	4.7	4.5	4.6	4.7	4.7	4.6	5.4
h. Some other way	407	Sorry	3.3	4.9	2.7	2.6	.0	3.4	3.3	4.5	2.4	3.3	2.4
		Not sorry	2.4	2.5	2.5	2.5	2.5	2.4	2.4	2.5	2.5	2.4	2.6
i. None	1721	Sorry	16.5	24.4	16.2	11.2	23.8	11.0	11.4	14.3	12.7	10.9	9.2
		Not sorry	10.0	10.5	9.9	10.5	10.5	10.5	10.5	10.4	10.3	10.5	12.8
TOTAL	16390	Sorry	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		Not sorry	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOTAL NO. OF CASES	16390	Sorry	1376	41	1504	989	42	737	632	224	1074	733	10470
		Not sorry	15014	16349	14886	[illegible]01	16348	15653	15758	16166	15316	15657	5920

*Five-year follow-up questionnaire item 18
**Five-year follow-up questionnaire item 8C

TABLE 11-3a. Relation of regrets about decisions on education, careers, etc. to whether certain steps have been taken towards long-range career plans

Based on Grade 12 males

Percentage of those in group designated at the left that are sorry about the indicated decision

Group: Steps towards career plans**	Step taken?	N	Decisions about which sorry* a Not enough post-h.s. education	b H. S. drop-out	c No coll.	d Coll. drop-out	e Entered college	f Choice of coll.	g Major field	h Kind of work	i Married too young	j Other	k None
a. Regular job in the field	Yes	5,241	9.9	.5	9.6	7.6	.4	4.7	3.9	.5	3.7	4.9	62.2
	No	10,679	10.7	.4	8.0	7.5	.3	6.3	6.7	1.6	3.3	7.6	55.8
b. Trainee	Yes	1,485	9.8	.3	7.6	8.6	.3	5.5	5.3	1.0	3.1	7.1	60.9
	No	14,435	10.5	.4	8.6	7.4	.3	5.8	5.9	1.3	3.5	6.7	57.6
c. Present job may lead to it	Yes	2,217	13.4	.6	9.7	10.7	.1	6.7	7.5	1.4	4.9	7.9	52.5
	No	13,703	10.0	.4	8.4	7.0	.4	5.6	5.5	1.2	3.2	6.5	58.8
d. Volunteer work	Yes	337	14.5	.3	11.0	9.5	.0	6.2	7.7	2.1	3.6	9.2	54.0
	No	15,583	10.4	.4	8.5	7.5	.3	5.8	5.8	1.2	3.4	6.6	58.0
e. Special training or education	Yes	7,673	6.3	.4	5.7	6.9	.4	6.7	5.9	.9	2.8	7.8	64.6
	No	8,247	14.3	.5	11.2	8.2	.3	4.9	5.7	1.6	4.1	5.7	51.7
f. None	Yes	2,065	18.5	.5	13.2	9.8	.6	6.6	9.1	3.4	4.1	8.2	43.7
	No	13,855	9.2	.4	7.9	7.2	.3	5.7	5.3	.9	3.3	6.5	60.0
TOTAL		15,920	10.4	.4	8.5	7.5	.3	5.8	5.8	1.2	3.4	6.7	57.9
TOTAL NO. WHO REGRET THE INDICATED DECISION			1662	67	1361	1201	51	919	924	197	549	1066	9221

*Five-year follow-up questionnaire item 18

**Five-year follow-up questionnaire item 8b

TABLE 11-3b. Relation of regrets about decisions on education, careers, etc. to whether certain steps have been taken towards long-range career plans

Based on Grade 12 females

Percentage of those in group designated at the left that are sorry about the indicated decision

Group: Steps towards career plan**	Step taken?	N	a	b	c	d	e	f	g	h	i	j	k
			Decisions about which sorry*										
			Not enough post-h.s. education	H. S. drop-out	No coll.	Coll. drop-out	Entered college	Choice of coll.	Major field	Kind of work	Married too young	Other	None
a. Regular job in the field	Yes	6,257	5.7	.1	8.0	4.1	.2	4.0	3.1	.8	4.5	3.8	71.7
	No	10,133	10.0	.4	9.9	7.2	.3	4.8	4.3	1.7	7.8	4.9	59.1
b. Trainee	Yes	292	10.6	.7	8.2	7.2	.3	7.9	4.8	1.7	9.2	8.6	57.9
	No	16,098	8.4	.2	9.2	6.0	.3	4.4	3.8	1.4	6.5	4.4	64.0
c. Present job may lead to it	Yes	742	10.6	.0	11.2	8.1	.4	8.6	6.9	1.8	7.5	8.1	53.1
	No	15,648	8.3	.3	9.1	5.9	.2	4.3	3.7	1.3	6.5	4.3	64.4
d. Volunteer work	Yes	250	8.4	.0	12.4	9.2	.4	5.6	5.2	.8	10.8	6.0	59.2
	No	16,140	8.4	.3	9.1	6.0	.3	4.5	3.8	1.4	6.5	4.4	64.0
e. Special training or education	Yes	4,898	5.0	.1	6.2	6.3	.2	5.9	5.0	1.4	5.7	6.0	67.2
	No	11,492	9.8	.3	10.4	5.9	.3	3.9	3.4	1.3	6.9	3.8	62.5
f. None	Yes	3,816	13.0	.7	12.3	7.5	.4	4.4	4.2	2.4	7.8	4.6	56.4
	No	12,574	7.0	.1	8.2	5.6	.2	4.5	3.8	1.1	6.2	4.4	66.2
TOTAL		16,390	8.4	.3	9.2	6.0	.3	4.5	3.9	1.4	6.6	4.5	63.9
TOTAL NO. WHO REGRET THE INDICATED DECISION			1376	41	1504	989	42	737	632	224	1074	733	10470

*Five-year follow-up questionnaire item 18
**Five-year follow-up questionnaire item 8b

TABLE 11-4a. Relation of regrets about decisions on education, careers, etc. to whether special training or education relevant to long-range career plans has been obtained

Based on Grade 12 males

Group			Percentage of those in group designated at the left that are sorry about the indicated decision										
			Decisions about which sorry*										
		N	a	b	c	d	e	f	g	h	i	j	k
Special training or education**	Had spec. trng or ed.?		Not enough post-h.s. education	H. S. drop-out	No coll.	Coll. drop-out	Entered college	Choice of college	Major field	Kind of work	Married too young	Other	None
a. In high school	Yes	2,343	10.8	.3	8.0	7.9	.3	6.2	4.8	1.1	3.5	7.1	61.5
	No	13,577	[illegible]	.4	8.6	7.5	.3	5.7	6.0	1.3	3.4	6.6	57.3
b. In college (undergrad.)	Yes	6,799	2.1	.1	.7	6.7	.3	7.6	6.7	.7	2.6	8.2	69.7
	No	9,121	16.6	.7	14.4	8.2	.4	4.4	5.2	1.6	4.1	5.6	49.2
c. In grad. or prof. school	Yes	2,733	.7	.0	.5	.5	.1	5.2	5.5	.5	1.4	5.0	81.4
	No	13,187	12.5	.5	10.2	9.0	.4	5.9	5.9	1.4	3.9	7.1	53.1
d. In other school since h. s.	Yes	1,822	15.8	.7	19.8	10.3	.4	4.9	4.4	1.0	3.6	6.5	46.8
	No	14,098	9.8	.4	7.1	7.2	.3	5.9	6.0	1.3	3.4	6.7	59.4
e. Apprenticeship	Yes	945	12.3	.5	10.5	9.8	.5	5.0	3.9	.7	4.1	6.2	58.6
	No	14,975	10.3	.4	8.4	9.4	.3	5.8	5.9	1.3	3.4	6.7	57.9
f. On-the-job trng.	Yes	5,694	12.1	.6	10.7	10.2	.4	5.6	5.0	1.0	4.1	6.6	56.1
	No	10,226	9.5	.3	7.4	6.1	.3	5.8	6.3	1.3	3.1	6.8	58.9
g. Informal program (e.g. reading)	Yes	1,699	11.2	.6	9.4	12.6	.5	8.4	7.4	.9	4.0	9.8	52.3
	No	14,221	10.3	.4	8.5	6.9	.3	5.5	5.6	1.3	3.4	6.3	58.6
h. Some other way	Yes	663	13.6	1.4	10.7	9.0	.8	5.7	6.0	1.2	5.0	9.8	52.0
	No	15,257	10.3	.4	8.5	7.5	.3	5.8	5.8	1.2	3.4	6.6	58.2
i. None	Yes	1,369	23.4	.4	16.4	7.7	.4	5.1	7.8	3.1	4.6	6.4	42.7
	No	14,551	9.2	.4	7.8	7.5	.3	5.8	5.6	1.1	3.3	6.7	59.3
TOTAL		15,920	10.4	.4	8.5	7.5	.3	5.8	5.8	1.2	3.4	6.7	57.9
TOTAL NO. WHO REGRET THE INDICATED DECISION			1662	67	1361	1201	51	919	924	197	549	1066	9221

*Five-year follow-up questionnaire item 18
**Five-year follow-up questionnaire item 8b

TABLE 11-4b. Relation of regrets about decisions on education, careers, etc. to whether special training or education relevant to long-range career plans has been obtained

Based on Grade 12 females

Percentage of those in group designated at the left that are sorry about the indicated decision

Group: Special training or education**	Had spec. trng or ed.?	N	Decisions about which sorry* a Not enough post-h.s. education	b H. S. drop-out	c No coll.	d Coll. drop-out	e Entered college	f Choice of college	g Major field	h Kind of work	i Married too young	j Other	k None
a. In high school	Yes	3,066	11.8	.1	11.3	7.0	.1	4.5	3.3	1.4	8.1	5.2	61.3
	No	13,324	7.6	.3	8.7	5.8	.3	4.5	4.0	1.4	6.2	4.3	64.5
b. In college (undergrad.)	Yes	5,258	1.3	.0	.5	6.7	.2	7.0	5.9	.9	3.2	5.6	74.0
	No	11,132	11.8	.4	13.3	5.7	.3	3.3	2.9	1.6	8.1	3.9	59.1
c. In grad. or prof. school	Yes	1,454	1.0	.0	2.3	.6	.1	5.5	5.6	1.1	2.0	5.0	79.3
	No	14,936	9.1	.3	9.8	6.6	.3	4.4	3.7	1.4	7.0	4.4	62.4
d. In other school since h. s.	Yes	1,669	7.5	.2	19.4	4.6	.3	2.6	1.3	1.9	7.1	4.7	60.9
	No	14,721	8.5	.3	8.0	6.2	.3	4.7	4.2	1.3	6.5	4.4	64.2
e. Apprenticeship	Yes	186	5.9	.0	6.5	9.1	.0	5.9	4.3	1.6	7.0	5.4	66.7
	No	16,204	8.4	.3	9.2	6.0	.3	4.5	3.9	1.4	6.5	4.5	63.8
f. On-the-job trng.	Yes	3,402	10.7	.1	11.2	7.5	.3	5.4	4.1	1.2	7.9	5.9	59.6
	No	12,988	7.8	.3	8.6	5.6	.3	4.3	3.8	1.4	6.2	4.1	65.0
g. Informal program (e.g. reading)	Yes	775	9.4	.0	11.1	9.5	.0	9.0	6.1	1.7	8.0	6.7	58.7
	No	15,615	8.3	.3	9.1	5.9	.3	4.3	3.7	1.4	6.5	4.4	64.1
h. Some other way	Yes	407	11.1	.5	9.8	6.4	.0	6.1	5.2	2.5	6.4	5.9	61.9
	No	15,983	8.3	.2	9.2	6.0	.3	4.5	3.8	1.3	6.6	4.4	63.9
i. None	Yes	1,721	13.2	.6	14.2	6.4	.6	4.7	4.2	1.9	7.9	4.6	55.9
	No	14,669	7.8	.2	8.6	6.0	.2	4.5	3.8	1.3	6.4	4.5	64.8
TOTAL		16,390	8.4	.3	9.2	6.0	.3	4.5	3.9	1.4	6.6	4.5	63.9
TOTAL NO. WHO REGRET THE INDICATED DECISION			1376	41	1504	989	42	737	632	224	1074	733	10470

*Five-year follow-up questionnaire item 18

**Five-year follow-up questionnaire item 8b

these possible approaches to getting established in a career field seems to be viewed by the persons involved as a particularly happy route; all are studded with regrets of one kind or another.

6. In general, education seems to be the route to a career that is most likely to be found satisfactory by young men and women seeking to establish themselves in the world of work. Note, for instance, how few respondents indicate they are sorry they went to college--only 3 cases per 1000. Of course these proportions are based on all respondents, not just on the ones that went to college; but since approximately 50 percent of the 12th-grade population entered college (see Table 9-8), we would still have only about 6 cases regretting that they went to college out of every thousand that actually went. A sizable proportion of those that didn't go to college say they are sorry they didn't; this is particularly true among those that report no progress toward their career goal.

7. On the other hand there are still large numbers of young men and young women who didn't go to college that don't seem to mind in the slightest. This seems to suggest that contrary to some popular views, perhaps college isn't necessary for everyone. Perhaps it isn't the universal panacea.

8. The percentages that indicate they are sorry they dropped out of high school are very small--only .4% for men and .3% for women. (See Tables 11-3a and 11-3b, or 11-4a and 11-4b, "TOTAL" row.) But when one bears in mind how very few high school dropouts there actually were in our grade 12 sample (.9% of the boys and .6% of the girls, according to Table 2-1)[1], it appears that about half of the high school dropouts are sorry they didn't graduate. Among the women the regret is greatest for those who have made no progress toward their career goal.

Tables 11-1 through 11-4 thus tell us something about how young men and young women view their progress towards their chosen career, and how satisfied they are with the kind of training they have received. Now let us look at what these kinds of training are. Tables 11-5a, 11-5b, and 11-5c present, for the grade 12, 11, and 10 samples respectively, the joint distributions of kind of high school education (i.e. kind of curriculum) and kind of post-high-school education. Little needs to be said about these three tables, because the data they contain is fairly self-explanatory. All three tables present quite similar pictures. The relation between high school curriculum and whether one goes to college has already been discussed at some length, in Chapter 9. It is clear from Tables 11-5a, b, and c that most of the students in noncollege post-high-school education programs come from nonacademic curricula in high school with the commercial curriculum supplying most of the business school students.

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[1] The percentages are necessarily low, because dropouts in the grade 12 sample are limited to those who were still in high school in the spring of their senior year, when the TALENT testing took place.

As for the aptitude and achievement patterns that go with particular career fields and with the training for those fields, Table 1 in Appendix II presents means and standard deviations of scores obtained in grades 11 and 12, separately by sex, for purified career plan groups, on 109 TALENT variables. Appendix M (part of Appendix I in this volume) presents similar data on 12 *a priori* aptitude and achievement composites defined in Appendix D.[1]

Conclusions and implications

The conclusions from this chapter are perhaps not as clear-cut as might be desired, but that is because of the nature of much of the data dealt with in Tables 11-1 through 11-4: regrets, wishful thinking, and other tenuous mental processes. As a result of an analysis of these feelings of regret considered in conjunction with equally vague feelings such as that one's "present job may lead to work in the field" it appears that education, or the lack of it, is central to many of these feelings of dissatisfaction or regret. Young men who feel they have had special training or education appropriate to their chosen career are less likely to feel sorry about various decisions they have made in the past than are young men who don't feel they have had such training. Actually having a job in the field one is planning to make a career of also cuts the likelihood of regrets, particularly in the case of the women.

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[1] See Appendix G-2 for translation of the Q-2-cp-A three-digit career-plan codes used in Appendix M.

TABLE 11-5a. Joint distribution* of high school curriculum with kind and amount of post-h.s. education
Based on grade 12 sample, five years after high school

Amount of education completed	NO. OF MALES								NO. OF FEMALES							
	High school curriculum								High school curriculum							
	Coll. prep.	Gen.	Comm. or busin.	Voc.	Ag.	Other	Not known	Total	Coll. prep.	Gen.	Comm. or busin.	Voc.	Ag.	Other	Not known	Total
A. No post-h.s. education	374	830	205	510	196	125	175	2415	585	1038	2953	181	13	120	313	5203
B. Non-college: Some post-h.s. education																
Technical inst.	207	232	69	167	18	20	50	763	69	42	94	17	1	7	7	237
Sch. or nursing (prep.for RN)	1	2	0	1	0	0	0	4	411	71	24	15	0	22	42	585
Practical nursing	2	0	3	0	0	0	1	6	50	51	28	14	1	18	6	168
Business school	55	62	45	23	7	7	13	212	328	265	753	26	2	25	95	1494
Other	575	900	203	547	138	102	161	2626	314	366	653	89	7	51	91	1571
SUBTOTAL	840	1196	320	738	163	129	225	3611	1172	795	1552	161	11	123	241	4055
C. Some college: No baccalaureate																
Less than 2 yrs. college	731	332	111	131	29	40	82	1456	560	172	277	20	2	18	80	1129
Jr. coll. Assoc. diploma	341	72	34	40	14	12	31	544	260	44	77	7	0	6	22	416
Other with 2 yrs or more	2408	512	137	117	47	65	205	3491	1449	269	261	13	1	33	126	2152
SUBTOTAL	3480	916	282	288	90	117	318	5491	2269	485	615	40	3	57	228	3697
D. Some college: Not known whether baccalaureate was received	39	20	2	11	6	4	4	86	47	17	22	1	1	3	9	100
E. Received baccalaureate																
No grad. ed. planned	1364	159	59	19	26	22	69	1718	1671	171	104	6	0	14	91	2057
Plan grad. ed.; not begun	949	83	25	9	4	12	64	1146	814	76	46	1	3	4	51	995
Have started grad. ed.																
Entered med. school	202	3	2	0	0	1	9	217	21	0	0	0	0	0	0	21
Entered law school	299	11	4	0	0	4	14	332	12	1	0	0	0	0	0	13
Entered grad. school (other)	2142	132	22	15	17	37	131	2496	1362	79	51	3	0	9	78	1582
SUBTOTAL	4956	388	112	43	47	76	287	5909	3880	327	201	10	3	27	220	4668
TOTAL	9689	3350	921	1590	502	451	1009	17512	7953	2662	5343	393	31	330	1011	17723

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* Unweighted data

TABLE 11-5b. Joint distribution* of high school curriculum with kind and amount of post-h.s. education

Based on grade 11 sample, five years after high school

Amount of education completed	NO. OF MALES								NO. OF FEMALES							
	High school curriculum								High school curriculum							
	Coll. prep.	Gen.	Comm. or busin.	Voc.	Ag.	Other	Not known	Total	Coll. prep.	Gen.	Comm. or busin.	Voc.	Ag.	Other	Not known	Total
A. No post-h.s. education	438	801	208	492	225	124	159	2447	687	1101	3016	212	26	159	309	5510
B. Non-college: Some post-h.s. education																
Technical inst.	232	248	62	121	23	43	44	773	79	47	106	10	2	8	16	268
Sch. of nursing (prep.for RN)	1	2	0	0	0	0	0	3	366	37	26	26	0	19	26	500
Practical nursing	0	1	0	1	1	0	0	3	70	59	51	21	0	13	9	223
Business school	52	47	37	20	4	7	13	180	346	260	717	43	5	52	51	1474
Other	677	949	263	615	163	160	188	3015	345	415	726	100	7	80	91	1764
SUBTOTAL	962	1247	362	757	191	210	245	3974	1206	818	1626	200	14	172	193	4229
C. Some college: No baccalaureate																
Less than 2 yrs. college	663	304	101	118	45	50	68	1349	527	167	239	18	1	30	59	1041
Jr. coll. Assoc. diploma	442	97	33	37	18	17	34	678	276	59	76	5	0	8	32	456
Other with 2 yrs or more	2398	481	133	132	65	102	182	3493	1451	247	319	30	4	52	130	2233
SUBTOTAL	3503	882	267	287	128	169	284	5520	2254	473	634	53	5	90	221	3730
D. Some college: Not known whether baccalaureate was received	221	82	33	26	8	9	20	399	181	55	119	8	0	12	22	397
E. Received baccalaureate																
No grad. ed. planned	1359	164	58	46	24	37	93	1781	1753	172	143	13	2	30	119	2232
Plan grad. ed.; not begun	1025	90	22	12	15	15	48	1227	975	62	53	14	0	7	42	1153
Have started grad. ed.																
Entered med. school	196	1	2	0	0	4	8	211	8	0	0	0	0	0	0	8
Entered law school	324	7	1	0	3	5	14	354	9	0	0	0	0	0	1	10
Entered grad. school (other)	2246	126	27	23	21	41	142	2626	1509	76	55	5	1	20	71	1737
SUBTOTAL	5150	388	110	81	63	102	305	6199	4254	310	251	32	3	57	233	5140
TOTAL	10274	3400	980	1643	615	614	1013	18539	8582	2757	5646	505	48	490	978	19006

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* Unweighted data

Based on grade 10 sample, five years after high school

Amount of education completed	NO. OF MALES								NO. OF FEMALES							
	High school curriculum								High school curriculum							
	Coll. prep.	Gen.	Comm. or busin.	Voc.	Ag.	Other	Not known	Total	Coll. prep.	Gen.	Comm. or busin.	Voc.	Ag.	Other	Not known	Total
A. No post-h.s. education	521	858	290	489	283	214	183	2838	973	1072	2502	210	38	234	320	5349
B. Non-college: Some post-h.s. education																
Technical inst.	276	238	78	158	40	48	52	890	65	45	77	11	2	13	18	231
Sch. of nursing (prep.for RN)	3	0	0	0	1	0	1	5	330	39	30	10	0	26	31	466
Practical nursing	2	0	0	0	0	0	0	2	75	39	50	11	0	21	13	209
Business school	38	51	32	18	5	6	12	162	384	212	567	31	4	51	79	1328
Other	772	893	305	574	226	200	191	3161	459	445	697	104	12	95	134	1946
SUBTOTAL	1091	1182	415	750	272	254	256	4220	1313	780	1421	167	18	206	275	4180
C. Some college: No baccalaureate																
Less than 2 yrs. college	648	265	95	129	47	61	82	1327	548	157	209	29	4	36	58	1041
Jr. coll. Assoc. diploma	350	88	33	35	16	13	28	563	294	52	64	7	1	11	24	453
Other with 2 yrs or more	2408	547	145	154	80	144	194	3672	1388	256	270	30	6	57	106	2113
SUBTOTAL	3406	900	273	318	143	218	304	5562	2230	465	543	66	11	104	188	3607
D. Some college: Not known whether baccalaureate was received	121	39	12	17	3	12	17	221	68	19	50	4	1	5	10	157
E. Received baccalaureate																
No grad. ed. planned	1264	214	53	39	44	63	75	1752	1735	202	124	19	6	27	81	2194
Plan grad. ed.; not begun	950	95	31	34	12	26	71	1219	925	78	52	7	1	11	49	1123
Have started grad. ed.																
Entered med. school	181	4	1	1	1	0	10	198	26	0	0	0	0	0	2	28
Entered law school	345	20	4	0	1	4	12	386	14	0	0	0	0	1	0	15
Entered grad. school (other)	2119	153	41	35	27	77	117	2569	1484	91	48	2	1	16	58	1700
SUBTOTAL	4859	486	130	109	85	170	285	6124	4184	371	224	28	8	55	190	5060
TOTAL	9998	3465	1120	1683	786	868	1045	18965	8768	2707	4740	475	76	604	983	18353

* Unweighted data

Though no cause-and-effect can be ascribed to these results, the one theme that seems to pervade most of the findings in this analysis is that more and better education is associated with fewer regrets and therefore, presumably, with more satisfaction.

Chapter 12. SALARY AND THE FACTORS RELATED TO IT

Marion F. Shaycoft

This chapter represents preliminary research on salaries five years after high school, and three of the many factors that are believed to be related to salary. The three factors considered in this chapter are sex, amount of education, and, of course, kind of job.

Data will be presented in this chapter derived from the twelfth-grade five-year follow-up questionnaire. Relevant questionnaire items are shown below:

4. As of October 1, 1965, were you looking for a job?
☐ Yes, a full-time job.
☐ Yes, a part-time job.
☐ No, I had a job.
☐ No, I was in school and didn't want a job.
☐ No, I am a housewife.
☐ No, my health would not permit it.
☐ No, for a reason not given above.

5. Did you have any paid job as of October 1, 1965?
☐ No. (If this is your answer, skip Question 6 and go to Question 7.)
☐ Yes, a part-time job. } Average no. of hours worked per week: ________ hours.
☐ Yes, a full-time job.

6. If you had a paid job as of October 1, 1965:

(a) What was this job called? ____________________

(b) What did you do on it? ____________________

____

____

(d) What was your pay (before deductions) on that job as of October 1, 1965? (Please fill in ONE of the lines.)

$ ____________ per week

or $ ____________ per month

or $ ____________ per hour

For purposes of obtaining distributions and to facilitate subsequent statistical analysis, salaries were grouped in class intervals the bounds of which constitute a geometric series rather than the somewhat more usual arithmetical series. Thus instead of intervals of uniform size, as salary increases interval size expressed in dollar values becomes larger. The difference in dollars between each interval bound and the next lower one is not uniform, but the ratio of each to the next lower one is. In the particular geometric scale used here, each successive interval bound is approximately one-fourth larger than the previous one, or to be somewhat more precise, about 26 percent larger.[1] The advantages of a geometric series is that for a variable like salary it gives intervals that are more meaningful than uniform ones would be. Though the intervals are unequal in terms of dollars they are intended to be more nearly equal subjectively.

Accordingly a 14-interval salary scale, constituting a geometric series, was set up; the intervals were numbered from 1 to 14, and the scale formed by these numbers was termed the "L-scale".[2] This scale is shown in Table 12-1. One simple algebraic fact should be noted at this point. If an arithmetic mean of L values is converted back to its equivalent in dollars, the resulting value is the geometric mean of the original dollar amounts.

After salary had been converted to the L equivalents, each respondent was classified in terms of whether he was a member of the full-time labor force or not. For this purpose, the full-time labor force was defined as consisting of everybody who either held a full-time job or was unemployed and available for a full-time job, or employed part-time and seeking a full-time job. All analyses reported in this chapter are based solely on members of the full-time labor force.

Table 12-2a shows salary distributions five years after high school, for men in the full-time labor force, classified according to kind of job and whether they ever went to college. Quartiles are also shown, in terms

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[1] Still more precisely, the upper limit of each interval is $\sqrt[3]{2}$ times the lower limit of that interval (and of course it is also $\sqrt[3]{2}$ times the upper limit of the interval immediately below). The ratio was set at that value so that the salary level would double every three intervals.

[2] "L" here stands for "logarithmic".

TABLE 12-1. Conversion scale for converting from salary (annual, monthly, weekly, or hourly) to logarithmic scale L

A geometric scale of annual salary* (E)	Corresponding L value**	Salary range corresponding to L			
		Annual salary	Monthly salary	Weekly salary	Hourly rate***
$40,317+	14	$35920 and up	$2994-9999	$ 691-9999	$18.18-99.99
32,000	13	28509-35919	2376-2993	549- 690	14.43-18.17
25,398	12	22628-28508	1886-2375	436- 548	11.46-14.42
20,159	11	17959-22627	1497-1885	346- 435	9.09-11.45
16,000	10	14254-17958	1188-1496	275- 345	7.22- 9.08
12,699	9	11315-14253	943-1187	218- 274	5.73- 7.21
10,079	8	8980-11314	749- 942	173- 217	4.55- 5.72
8,000	7	7127- 8979	594- 748	138- 172	3.61- 4.54
6,350	6	5658- 7126	472- 593	109- 137	2.87- 3.60
5,040	5	4491- 5657	375- 471	87- 108	2.28- 2.86
4,000	4	3564- 4490	297- 374	69- 86	1.81- 2.27
3,175	3	2829- 3563	236- 296	55- 68	1.44- 1.80
2,520	2	2246- 2828	188- 235	44- 54	1.14- 1.43
2,000-	1	0- 2245	0- 187	0- 43	.00- 1.13

---

* The salary doubles every three steps. Thus the ratio of each step to the next higher one is 1: $\sqrt[3]{2}$

** $L = 1 + \dfrac{3\,(\log E - \log 2000)}{\log 2}$ (These logarithms may be to any base. Any base will give the same converted value, L.)

The formula for converting from L to E is:

$$E = 2000\left(2^{\frac{L-1}{3}}\right)$$

*** Assumes 38 hours per week.

TABLE 12-2a. Salary distributions five years after high school by job, sex, and amount of education (i.e.. some college versus no college)

For men, five years after high school; based on cases in the full-time labor force only *

Job Code Q-2-jb-A	Job	College or Noncoll. (C or NC)	N	No. of cases														L-scale statistics***					Salary in dollars per yr.****			
				<$2246 L=1	$2246-2828 L=2	$2829-3563 L=3	$3564-4490 L=4	$4491-5657 L=5	$5658-7126 L=6	$7127-8979 L=7	$8980-11314 L=8	$11315-14253 L=9	$14254-17958 L= 10	$17959-22627 L= 11	$22628-28508 L= 12	$28509-35919 L= 13	$35920+ L= 14	Q_1	Md	Q_3	M	σ	Q_1	Md	Q_3	Geom. mean
102	Foreman (NEC)	NC	34	0	2	1	3	5	15	8	0	0	0	0	0	0	0	5.0	5.9	6.5	5.6	1.4	5040	6205	7073	5774
		C	30	0	0	2	2	10	9	6	1	0	0	0	0	0	0	4.8	5.6	6.4	5.6	1.2	4869	5804	7037	5790
112	Proprietor; contractor; in business for self (NEC)	NC	21	0	0	2	1	2	5	5	2	0	1	1	1	0	1	5.6	6.6	7.9	7.0	2.8	5723	7294	9793	8089
		C	25	0	0	0	2	3	7	6	5	0	2	0	0	0	0	5.7	6.6	7.6	6.7	1.5	5896	7266	9297	7430
212	Other stat. (inc. actuary)	C	12	0	0	0	0	2	5	4	1	0	0	0	0	0	0	5.7	6.3	7.0	6.3	.9	5925	6806	8001	6858
221	Systems analyst (computer)	C	18	0	0	0	0	1	7	9	1	0	0	0	0	0	0	6.0	6.6	7.1	6.6	.7	6350	7313	8209	7220
222	Computer programmer	NC	10	0	0	0	0	3	6	1	0	0	0	0	0	0	0	5.3	5.8	6.2	5.8	.6	5444	6110	6728	6063
		C	70	4	0	0	1	11	35	15	4	0	0	0	0	0	0	5.5	6.0	6.6	5.9	1.4	5714	6413	7294	6144
231	Chemist	C	25	0	0	0	0	3	11	11	0	0	0	0	0	0	0	5.8	6.4	6.9	6.3	.7	6057	6907	7875	6837
232	Physicist	C	9	0	0	0	0	1	1	7	0	0	0	0	0	0	0	6.5	6.9	7.2	6.7	.7	7187	7741	8337	7407
240	Engineer (NEC)	C	87	0	0	2	2	2	11	65	4	1	0	0	0	0	0	6.6	6.9	7.2	6.7	.9	7249	7832	8461	7526
241	Civil and/or hydraulic engr.	C	44	0	0	0	1	2	13	26	2	0	0	0	0	0	0	6.1	6.7	7.2	6.6	.8	6522	7518	8290	7279
242	Elec. engineer	C	95	0	0	1	1	1	16	66	9	1	0	0	0	0	0	6.6	6.9	7.3	6.9	.8	7247	7875	8558	7733
243	Mech. or automotive engineer	C	60	0	0	0	0	2	7	45	5	1	0	0	0	0	0	6.6	7.0	7.3	6.9	.6	7351	7939	8575	7878
244	Aeronautical engineer	C	22	0	0	0	0	1	5	14	1	1	0	0	0	0	0	6.4	6.9	7.2	6.8	.8	6965	7741	8476	7671
245	Chemical engineer	C	27	0	0	0	0	0	0	22	5	0	0	0	0	0	0	6.8	7.1	7.4	7.2	.4	7651	8213	8817	8350
299	Lab tech. & res. asst. in physical sciences, etc.	NC	59	1	2	3	9	25	15	4	0	0	0	0	0	0	0	4.5	5.1	5.8	5.0	1.2	4462	5134	6040	5001
		C	147	0	0	3	16	59	50	18	1	0	0	0	0	0	0	4.8	5.4	6.1	5.5	.9	4814	5559	6566	5600
314	Spec. in conserv., wildlife, etc.	C	11	0	0	0	0	4	6	1	0	0	0	0	0	0	0	5.2	5.8	6.2	5.7	.6	5263	5994	6663	5962
335	Pharmacist	C	37	1	0	1	1	8	9	14	3	0	0	0	0	0	0	5.3	6.3	7.1	6.1	1.4	5379	6858	8100	6430
348	Medical and dental tech. (also lab tech. in bio. & sci)	NC	15	1	3	0	2	6	3	0	0	0	0	0	0	0	0	2.4	4.8	5.4	4.2	1.7	2775	4757	5496	4190
		C	25	7	1	1	3	5	6	1	1	0	0	0	0	0	0	1.4	4.6	5.8	4.0	2.3	**	4595	6052	4001-
370	Social work	C	27	1	1	2	4	10	9	0	0	0	0	0	0	0	0	4.2	5.0	5.8	4.8	1.3	4178	5099	5994	4788
373	Voc &/or ed guid (non-psychol)	C	9	0	1	0	0	4	4	0	0	0	0	0	0	0	0	4.8	5.4	5.9	5.1	1.3	4827	5496	6259	5171
389	Social scientist (misc.)	C	14	1	0	0	1	5	5	2	0	0	0	0	0	0	0	4.8	5.5	6.2	5.3	1.5	4813	5657	6650	5384
394	Market analyst	C	9	0	0	0	2	1	5	1	0	0	0	0	0	0	0	4.8	5.8	6.2	5.6	1.0	4757	6063	6728	5730
400	Teaching (NEC)	C	120	4	0	2	14	64	30	6	0	0	0	0	0	0	0	4.7	5.1	5.7	5.1	1.1	4655	5188	5925	5118
412	Teaching elementary school	C	75	1	0	1	6	43	23	1	0	0	0	0	0	0	0	4.8	5.2	5.7	5.2	.8	4757	5262	5964	5246
420	Teaching high school (NEC)	C	54	0	0	1	3	34	13	3	0	0	0	0	0	0	0	4.8	5.2	5.7	5.3	.7	4790	5250	5914	5351
421	Teaching h.s. math	C	59	0	0	0	5	41	10	3	0	0	0	0	0	0	0	4.7	5.1	5.5	5.2	.7	4744	5155	5602	5262
422	Teaching h.s. science	C	65	0	0	0	3	41	19	1	0	1	0	0	0	0	0	4.8	5.2	5.8	5.3	.7	4838	5302	5994	5450
423	Teaching h.s. social studies	C	65	1	0	0	1	47	15	1	0	0	0	0	0	0	0	4.8	5.1	5.5	5.2	.7	4816	5217	5650	5260
424	Teaching h.s. English	C	40	1	0	2	2	22	13	0	0	0	0	0	0	0	0	4.7	5.2	5.7	5.1	1.0	4732	5256	5967	5128
425	Teaching h.s. foreign lang.	C	11	0	0	0	0	5	3	2	1	0	0	0	0	0	0	5.0	5.7	6.6	5.9	1.0	5099	5879	7337	6218
426	Teaching h.s. commercial ed	C	10	0	0	0	2	7	1	0	0	0	0	0	0	0	0	4.6	4.9	5.3	4.9	.6	4565	4958	5384	4925
428	Teaching h.s. trade & ind ed	C	37	0	0	0	0	22	14	1	0	0	0	0	0	0	0	4.9	5.3	5.9	5.4	.6	4948	5453	6220	5570

TABLE 12-2a. (cont.)

Job Code Q-2-jb-A	Job	College or Noncoll. (C or NC)	N	No. of cases <$2246 L=1	$2246-2828 L=2	$2829-3563 L=3	$3564-4490 L=4	$4491-5657 L=5	$5658-7126 L=6	$7127-8979 L=7	$8980-11314 L=8	$11315-14253 L=9	$14254-17958 L=10	$17959-22627 L=11	$22628-28508 L=12	$28509-35919 L=13	$35920+ L=14	L-scale statistics*** Q_1	Md	Q_3	M	σ	Salary in dollars per yr.**** Q_1	Md	Q_3	Geom. mean
429	Teaching h.s. phys. ed.	C	37	0	0	0	2	17	16	2	0	0	0	0	0	0	0	4.9	5.5	6.0	5.5	.7	4955	5619	6419	5640
432	Teaching music	C	26	0	0	0	2	10	13	0	0	0	1	0	0	0	0	5.0	5.6	6.1	5.6	1.1	4982	5759	6464	5810
440	Teaching the handicapped	C	10	0	0	0	0	6	3	1	0	0	0	0	0	0	0	4.9	5.3	6.0	5.5	.7	4944	5444	6350	5657
460	Coll. or univ. teacher (NEC)	C	9	1	0	1	1	3	2	1	0	0	0	0	0	0	0	3.8	5.0	5.9	4.7	1.8	3776	5040	6169	4667
491	Peace Corps teacher	C	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0		1.0		1.0	.0				
492	Grad. assist.(teach. &/or res.)	C	18	3	6	5	0	1	3	0	0	0	0	0	0	0	0	1.8	2.5	3.4	2.9	1.7	2379	2829	3483	3135
521	Clergyman	C	20	2	3	1	11	2	0	1	0	0	0	0	0	0	0	2.5	3.9	4.3	3.6	1.4	2829	3876	4306	3647
534	Journalists, reporters, etc.	C	19	1	0	0	3	7	8	0	0	0	0	0	0	0	0	4.6	5.3	5.9	5.1	1.2	4605	5384	6214	5102
551	Musician (instrumental)	C	13	1	1	1	2	0	1	4	2	1	0	0	0	0	0	3.6	6.6	7.4	5.6	2.5	3669	7337	8851	5810
578	Radio or TV announcer	C	11	0	1	1	5	3	1	0	0	0	0	0	0	0	0	3.6	4.2	4.9	4.2	1.1	3690	4190	4944	4172
621	Recreation or playgrd dir.	C	9	1	1	0	0	6	0	1	0	0	0	0	0	0	0	4.5	4.9	5.3	4.4	1.8	4534	4944	5392	4433
623	Forestry, hunt., fishing,etc.	NC	10	1	0	1	1	4	1	1	0	1	0	0	0	0	0	4.0	5.0	6.0	5.0	2.2	4001	5040	6350	5040
631	Farm or ranch owner	NC	54	8	4	2	8	8	5	4	3	9	1	0	1	0	1	3.2	5.1	8.0	5.4	3.1	3364	5188	10080	5561
		C	16	0	2	0	2	5	2	1	1	2	0	0	0	1	0	4.5	5.3	7.5	5.9	2.8	4490	5402	8980	6259
632	Farm or ranch manager	C	9	1	1	0	1	4	2	0	0	0	0	0	0	0	0	3.8	4.9	5.4	4.3	1.7	3776	4897	5576	4321
639	Farming: other & Misc. (incl. gardener, nurseryman, etc.)	NC	75	9	12	14	21	10	6	0	2	0	0	1	0	0	0	2.3	3.6	4.5	3.6	1.8	2709	3663	4516	3670
		C	26	4	3	5	2	3	6	2	0	1	0	0	0	0	0	2.3	4.0	5.9	4.1	2.2	2722	4001	6229	4109
640	Armed Forces: rank not indicated	NC	18	8	2	1	2	3	2	0	0	0	0	0	0	0	0	1.1	2.0	4.7	2.8	2.0	**	2520	4667	3016-
		C	36	15	3	7	2	6	3	0	0	0	0	0	0	0	0	1.1	2.5	4.5	2.7	1.8	**	2829	4490	2978-
641	Armed Forces: enlisted personnel	NC	131	67	18	27	10	7	2	0	0	0	0	0	0	0	0	1.0	1.5	3.0	2.1	1.3	**	**	3169	2561-
		C	149	91	15	16	10	11	5	0	0	1	0	0	0	0	0	0.9	1.3	2.9	2.0	1.6	**	**	3074	2540-
642	Armed Forces: officers	C	280	3	4	89	62	87	30	5	0	0	0	0	0	0	0	3.2	4.2	5.1	4.2	1.2	3331	4199	5155	4190
650	Cloak & dagger (CIA, etc.)	C	12	4	0	2	1	5	0	0	0	0	0	0	0	0	0	1.2	3.5	4.9	3.2	1.8	**	3564	4925	3364-
661	Police (public) NEC	NC	70	15	4	5	7	13	20	6	0	0	0	0	0	0	0	2.1	4.8	5.9	4.2	2.1	2594	4821	6241	4176
		C	71	17	3	3	8	11	23	6	0	0	0	0	0	0	0	1.8	4.9	6.0	4.2	2.1	2379	4935	6334	4201
666	Fireman	NC	19	2	2	0	5	7	2	1	0	0	0	0	0	0	0	3.6	4.6	5.2	4.2	1.7	3690	4565	5340	4200
		C	10	0	0	0	3	4	1	2	0	0	0	0	0	0	0	4.3	5.0	6.0	5.2	1.1	4321	5040	6350	5279
669	Other protective (incl. pri. police & pri. detectives)	NC	9	0	2	0	3	3	0	0	1	0	0	0	0	0	0	3.6	4.3	5.1	4.3	1.8	3633	4321	5138	4321
		C	13	3	0	2	0	3	5	0	0	0	0	0	0	0	0	2.6	5.0	5.8	4.2	2.1	2912	5040	6134	4145
711	Banking and finance	C	37	1	0	2	4	11	15	4	0	0	0	0	0	0	0	4.7	5.5	6.2	5.3	1.2	4708	5701	6574	5399
717	Accountant, auditor, compt. (except CPA)	NC	25	1	0	1	6	15	1	1	0	0	0	0	0	0	0	4.2	4.8	5.2	4.6	1.1	4198	4813	5299	4638
		C	239	4	0	2	13	81	98	40	1	0	0	0	0	0	0	5.0	5.7	6.3	5.6	1.0	5044	5923	6819	5815
721	Purchasing and procurement	C	26	0	0	0	6	9	6	4	0	0	1	0	0	0	0	4.6	5.3	6.2	5.5	1.4	4548	5374	6728	5657
722	Buyer for retail store	C	15	0	0	0	1	9	2	2	1	0	0	0	0	0	0	4.8	5.2	6.1	5.5	1.1	4819	5306	6536	5701
723	Eff. expert, ind. engr., production mgmt (NEC)	NC	12	0	0	0	3	3	5	0	0	1	0	0	0	0	0	4.5	5.5	6.1	5.5	1.4	4490	5657	6499	5657
		C	97	0	0	0	6	11	47	28	4	1	0	0	0	0	0	5.7	6.2	6.8	6.2	.9	5863	6605	7661	6597
724	Advertising	C	19	0	0	1	2	5	8	3	0	0	0	0	0	0	0	4.8	5.7	6.3	5.5	1.1	4869	5908	6776	5692

TABLE 12-2a. (cont.)

Job Code Q-2-jb-A	Job	College or Noncoll. (C or NC)	N	No. of cases <$2246 L=1	 $2246-2828 L=2	 $2829-3563 L=3	 $3564-4490 L=4	 $4491-5657 L=5	 $5658-7126 L=6	 $7127-8979 L=7	 $8980-11314 L=8	 $11315-14253 L=9	 $14254-17958 L=10	 $17959-22627 L=11	 $22628-28508 L=12	 $28509-35919 L=13	 $35920+ L=14	L-scale statistics*** Q_1	 Md	 Q_3	 M	 σ	Salary in dollars per yr.**** Q_1	 Md	 Q_3	 Geom. mean
726	Personnel administration	C	22	2	2	1	0	10	5	2	0	0	0	0	0	0	0	4.6	5.1	5.8	4.7	1.8	4543	5158	6063	4683
727	Appraising, estimating	NC	15	0	0	0	2	8	3	2	0	0	0	0	0	0	0	4.7	5.2	5.9	5.3	.9	4723	5263	6229	5444
		C	57	0	0	0	1	24	24	6	2	0	0	0	0	0	0	5.1	5.6	6.2	5.7	.8	5101	5851	6711	5951
728	Loan investigator, credit investigator	NC	9	0	0	0	3	2	4	0	0	0	0	0	0	0	0	4.2	5.2	5.9	5.1	.9	4238	5340	6259	5171
		C	65	0	0	0	3	30	30	2	0	0	0	0	0	0	0	4.9	5.5	6.0	5.5	.6	4973	5636	6387	5627
730	Bus. mgmt, business admin. (NEC)	NC	36	0	1	0	8	15	8	4	0	0	0	0	0	0	0	4.5	5.1	5.9	5.1	1.1	4490	5158	6169	5205
		C	130	2	0	3	9	40	52	19	3	0	1	1	0	0	0	5.0	5.7	6.3	5.7	1.3	4997	5941	6864	5883
731	Manufacturing management	C	15	0	0	0	0	3	7	3	2	0	0	0	0	0	0	5.6	6.1	6.9	6.3	1.0	5799	6563	7848	6754
732	Wholesale or retail trade management/ marketing	NC	45	0	0	2	6	16	11	6	4	0	0	0	0	0	0	4.7	5.4	6.4	5.6	1.3	4706	5536	6943	5730
		C	60	0	1	1	5	14	33	5	1	0	0	0	0	0	0	5.1	5.8	6.2	5.6	1.0	5124	6025	6692	5790
738	Supervisor in a business (e.g. night manager)	NC	71	0	0	3	6	32	21	8	1	0	0	0	0	0	0	4.8	5.3	6.1	5.4	1.0	4783	5437	6474	5521
		C	83	0	0	3	13	23	24	13	6	1	0	0	0	0	0	4.7	5.6	6.5	5.6	1.3	4710	5795	7076	5841
741	Salesclerk, checker, cashier in a store	NC	60	1	4	10	19	16	8	1	0	0	0	1	0	0	0	3.5	4.3	5.2	4.4	1.5	3564	4277	5263	4337
		C	69	3	8	18	21	8	8	3	0	0	0	0	0	0	0	2.8	3.8	4.7	3.9	1.4	3065	3786	4723	3869
742	Routeman	NC	33	2	0	2	4	13	8	3	0	1	0	0	0	0	0	4.5	5.2	6.0	5.1	1.6	4510	5223	6304	5111
745	Real estate salesman	C	12	0	1	0	1	3	3	0	2	1	0	0	1	0	0	4.8	5.8	8.0	6.3	2.6	4850	6110	10080	6858
746	Insurance salesman	NC	19	0	0	0	2	6	3	5	2	1	0	0	0	0	0	5.0	6.0	7.2	6.1	1.4	4992	6350	8283	6506
		C	56	0	0	0	2	16	18	12	7	0	0	0	1	0	0	5.2	6.1	7.0	6.2	1.3	5340	6432	8001	6672
747	Auto salesman	C	16	1	0	1	2	3	4	2	2	1	0	0	0	0	0	4.5	5.8	7.0	5.6	2.0	4490	5994	8001	5823
748	Other salesman (NEC)	NC	62	0	2	9	7	16	11	12	4	1	0	0	0	0	0	4.1	5.3	6.6	5.3	1.6	4135	5418	7337	5430
		C	195	1	1	5	18	38	78	44	6	2	0	1	1	0	0	5.1	5.9	6.6	5.9	1.3	5188	6266	7327	6165
749	Sales manager	C	36	1	0	1	1	8	13	7	5	0	0	0	0	0	0	5.2	6.0	6.9	6.0	1.4	5340	6407	7870	6309
751	Bookkeeper	NC	10	0	0	0	6	3	1	0	0	0	0	0	0	0	0	3.9	4.3	5.0	4.5	.7	3924	4321	5040	4490
		C	25	0	2	2	11	7	3	0	0	0	0	0	0	0	0	3.7	4.3	5.0	4.3	1.1	3737	4261	5082	4268
752	Teller or bank clerk	NC	13	0	0	0	6	5	2	0	0	0	0	0	0	0	0	4.0	4.6	5.2	4.7	.8	4039	4595	5340	4694
		C	33	0	1	2	13	15	2	0	0	0	0	0	0	0	0	3.9	4.5	5.1	4.5	.8	3913	4525	5138	4443
755	Misc. computing and account-recording occupations	NC	63	3	5	3	22	19	9	0	1	1	0	0	0	0	0	3.7	4.4	5.2	4.4	1.5	3746	4420	5340	4369
		C	102	14	5	6	25	35	17	0	0	0	0	0	0	0	0	3.5	4.5	5.3	4.1	1.6	3581	4520	5349	4101
758	Computer and EAM operator, supervisor, etc.	NC	39	2	0	1	8	23	4	1	0	0	0	0	0	0	0	4.3	4.9	5.3	4.7	1.1	4331	4891	5394	4694
		C	51	3	0	3	8	21	15	1	0	0	0	0	0	0	0	4.3	5.0	5.7	4.8	1.3	4331	5096	5948	4839
766	Typist, clerk-typist	NC	15	10	2	1	0	2	0	0	0	0	0	0	0	0	0	0.9	1.2	2.1	1.8	1.4	**	**	2594	2407-
		C	22	11	0	1	4	5	1	0	0	0	0	0	0	0	0	1.0	2.0	4.6	2.8	1.9	**	2520	4595	3013-
769	Clerk (misc.)	NC	28	4	3	2	9	8	2	0	0	0	0	0	0	0	0	2.5	4.1	4.9	3.7	1.5	2829	4052	4897	3745
		C	42	8	2	4	10	12	5	0	1	0	0	0	0	0	0	2.6	4.2	5.1	3.9	1.8	2912	4190	5188	3871
771	Office supervisor	C	12	0	0	0	0	2	8	1	0	1	0	0	0	0	0	5.6	6.0	6.4	6.2	1.0	5823	6350	6925	6599
772	Office manager	NC	15	0	0	0	1	5	6	1	2	0	0	0	0	0	0	5.0	5.8	6.4	5.9	1.1	5099	5994	6925	6157
		C	34	0	0	1	3	14	13	3	0	0	0	0	0	0	0	4.8	5.4	6.1	5.4	.9	4836	5565	6464	5543
789	Other "public contact" occ.; recept., misc. clerks, etc.	NC	16	0	2	1	3	6	3	1	0	0	0	0	0	0	0	3.8	4.8	5.5	4.6	1.4	3849	4850	5657	4622
		C	26	1	2	0	0	9	12	2	0	0	0	0	0	0	0	4.9	5.6	6.1	5.2	1.5	4912	5767	6536	5316
791	Radio, telegraph, or teletype operator	NC	20	8	2	1	2	4	3	0	0	0	0	0	0	0	0	1.1	2.5	5.0	3.0	2.0	**	2829	5040	3212-
		C	18	10	4	1	1	1	1	0	0	0	0	0	0	0	0	1.0	1.4	2.4	2.0	1.5	**	**	2748	2520-

TABLE 12-2a. (cont.)

Job Code Q-2-jb-A	Job	College or Noncoll. (C or NC)	N	No. of cases L=1 <$2246	L=2 $2246-2828	L=3 $2829-3563	L=4 $3564-4490	L=5 $4491-5651	L=6 $5658-7126	L=7 $7127-8979	L=8 $8980-11314	L=9 $11315-14253	L=10 $14254-17958	L=11 $17959-22627	L=12 $22628-28508	L=13 $28509-35919	L=14 $35920+	L-scale statistics*** Q_1	Md	Q_3	M	σ	Salary in dollars per yr.**** Q_1	Md	Q_3	Geom. mean
796	Mail carrier	NC	16	0	1	0	0	7	8	0	0	0	0	0	0	0	0	4.9	5.5	6.0	5.3	1.0	4958	5657	6350	5418
		C	17	0	0	0	0	12	3	1	1	0	0	0	0	0	0	4.9	5.2	5.8	5.5	.9	4873	5289	5994	5619
797	Miscellaneous clerical	NC	178	8	16	27	47	58	20	2	0	0	0	0	0	0	0	3.3	4.3	5.1	4.1	1.3	3371	4296	5172	4111
		C	165	18	6	17	33	53	31	6	0	1	0	0	0	0	0	3.5	4.7	5.4	4.3	1.6	3570	4660	5578	4321
798	Miscellaneous administrative	C	31	3	0	3	6	7	9	3	0	0	0	0	0	0	0	3.8	5.0	6.0	4.7	1.7	3813	5040	6309	4713
810	Electrician (NEC)	NC	129	4	9	12	30	27	29	9	9	0	0	0	0	0	0	3.7	4.9	6.0	4.8	1.7	3769	4871	6363	4837
		C	58	5	4	3	13	14	14	2	3	0	0	0	0	0	0	3.7	4.8	5.8	4.6	1.8	3726	4797	6093	4581
811	Electronic technician	NC	115	9	14	7	15	40	26	3	1	0	0	0	0	0	0	3.3	4.8	5.5	4.4	1.7	3420	4827	5721	4361
		C	142	27	19	8	20	33	30	5	0	0	0	0	0	0	0	1.9	4.4	5.5	3.9	1.9	2490	4337	5638	3879
812	Appliance repair	NC	31	1	2	6	9	7	5	1	0	0	0	0	0	0	0	3.3	4.2	5.2	4.2	1.4	3397	4211	5340	4215
		C	19	4	0	2	4	5	4	0	0	0	0	0	0	0	0	2.9	4.4	5.4	3.9	1.8	3085	4363	5465	3952
813	Phone installation and repair	NC	45	1	1	1	23	10	6	3	0	0	0	0	0	0	0	3.9	4.3	5.3	4.6	1.2	3872	4335	5371	4548
		C	28	0	0	1	9	13	4	1	0	0	0	0	0	0	0	4.2	4.8	5.3	4.8	.9	4158	4821	5460	4836
814	Repair and service computers & punch-card equipment	NC	12	1	0	0	1	5	4	1	0	0	0	0	0	0	0	4.7	5.3	6.0	5.1	1.5	4703	5402	6350	5138
		C	19	1	1	0	2	5	8	2	0	0	0	0	0	0	0	4.6	5.6	6.2	5.2	1.5	4649	5740	6584	5227
820	Mechanic (NEC)	NC	83	9	8	12	16	18	16	4	0	0	0	0	0	0	0	2.8	4.3	5.5	4.1	1.7	3041	4269	5603	4079
		C	42	11	2	6	1	8	12	1	1	0	0	0	0	0	0	1.5	4.6	5.8	3.9	2.2	2222	4622	6052	3913
821	Auto mechanic	NC	64	1	1	7	13	19	19	3	1	0	0	0	0	0	0	4.0	5.0	5.9	4.9	1.3	4036	5071	6160	4932
		C	14	0	1	1	7	1	4	0	0	0	0	0	0	0	0	3.7	4.2	5.6	4.4	1.2	3745	4204	5823	4417
822	Airplane mechanic	NC	58	8	8	1	9	14	18	0	0	0	0	0	0	0	0	2.3	4.7	5.7	4.2	1.8	2709	4718	5917	4147
		C	19	3	7	0	3	2	3	1	0	0	0	0	0	0	0	1.8	2.4	5.1	3.4	2.0	2379	2783	5188	3457
823	Office machine repair	NC	26	2	0	1	8	9	5	1	0	0	0	0	0	0	0	3.9	4.7	5.4	4.6	1.4	3943	4727	5585	4571
		C	12	0	0	1	1	5	5	0	0	0	0	0	0	0	0	4.7	5.3	5.9	5.2	.9	4703	5402	6205	5238
824	Industrial machine repair	NC	21	0	1	1	0	1	7	8	3	0	0	0	0	0	0	5.8	6.6	7.2	6.3	1.5	6093	7231	8415	6783
828	Machinist	NC	151	2	1	7	19	61	43	15	3	0	0	0	0	0	0	4.6	5.3	6.0	5.3	1.2	4642	5355	6410	5342
		C	60	0	1	2	7	18	29	3	0	0	0	0	0	0	0	4.8	5.6	6.1	5.4	1.0	4788	5748	6478	5465
832	Carpenter	NC	66	0	1	5	11	15	17	14	2	1	0	0	0	0	0	4.5	5.6	6.5	5.5	1.4	4443	5735	7187	5618
		C	22	0	0	0	5	3	8	5	0	1	0	0	0	0	0	4.7	5.9	6.6	5.8	1.3	4667	6169	7294	6025
833	Metal trades	NC	94	2	1	7	15	33	16	11	8	1	0	0	0	0	0	4.4	5.2	6.3	5.3	1.6	4388	5238	6776	5373
		C	23	0	2	0	3	8	7	2	0	1	0	0	0	0	0	4.6	5.3	6.1	5.3	1.5	4589	5418	6509	5353
834	Bricklayer, mason, roofer, painter, plasterer, etc.	NC	71	1	2	5	9	18	18	13	5	0	0	0	0	0	0	4.5	5.5	6.5	5.4	1.5	4534	5694	7159	5557
		C	23	0	0	1	3	9	5	4	1	0	0	0	0	0	0	4.7	5.3	6.4	5.5	1.2	4697	5444	6885	5629
835	Plumber, pipefitter	NC	61	0	4	4	6	19	13	7	7	1	0	0	0	0	0	4.6	5.4	6.5	5.4	1.7	4559	5488	7096	5562
		C	17	1	0	0	3	4	4	4	0	1	0	0	0	0	0	4.6	5.6	6.7	5.5	1.8	4556	5823	7443	5696
836	Roadbuilding, earthmoving equipment	NC	49	1	0	5	3	11	15	9	3	1	1	0	0	0	0	4.8	5.8	6.7	5.7	1.7	4808	6063	7455	5917
		C	14	0	0	1	3	3	3	4	0	0	0	0	0	0	0	4.3	5.5	6.6	5.4	1.3	4321	5657	7337	5565
837	Misc. building and construction	NC	52	2	2	4	6	15	16	3	3	0	1	0	0	0	0	4.3	5.3	6.1	5.2	1.7	4321	5402	6536	5223
		C	33	1	0	3	4	6	12	4	3	0	0	0	0	0	0	4.5	5.7	6.4	5.5	1.6	4534	5936	6958	5598
838	Mining, quarrying, well-drilling	NC	12	0	1	2	3	1	2	3	0	0	0	0	0	0	0	3.5	4.5	6.5	4.8	1.7	3564	4490	7128	4850
		C	10	0	0	0	3	1	4	2	0	0	0	0	0	0	0	4.3	5.8	6.4	5.5	1.2	4321	5994	6925	5657
841	Airplane pilot	C	60	0	1	5	3	13	31	7	0	0	0	0	0	0	0	5.0	5.8	6.2	5.5	1.1	4996	6005	6715	5636

TABLE 12-2a. (cont.)

Job Code Q-2-jb-A	Job'	College or Noncoll. (C or NC)	N	No. of cases														L-scale statistics***					Salary in dollars per yr.****			
				<$2246	$2246-2828	$2829-3563	$3564-4490	$4491-5657	$5658-7126	$7127-8979	$8980-11314	$11315-14253	$14254-17958	$17959-22627	$22628-28508	$28509-35919	$35920+									
				L=1	L=2	L=3	L=4	L=5	L=6	L=7	L=8	L=9	L= 10	L= 11	L= 12	L= 13	L= 14	Q_1	Md	Q_3	M	σ	Q_1	Md	Q_3	Geom. mean
843	Airplane navigator	C	12	0	0	1	0	4	6	1	0	0	0	0	0	0	0	5.0	5.7	6.2	5.5	1.0	5040	5879	6599	5657
851	Merchant marine occupations	C	11	0	0	0	2	2	1	3	0	3	0	0	0	0	0	4.9	6.7	8.6	6.5	1.9	4897	7407	11534	7203
852	Railroad engr., cond., etc.	NC	14	0	0	0	0	1	8	4	1	0	0	0	0	0	0	5.8	6.2	6.9	6.4	.7	6081	6728	7773	6896
853	Auto, bus & truck drivers, etc.	NC	129	9	7	19	26	23	33	9	2	0	0	1	0	0	0	3.4	4.7	5.9	4.6	1.8	3447	4651	6186	4543
		C	34	6	2	6	3	9	5	2	1	0	0	0	0	0	0	2.6	4.5	5.4	4.0	2.0	2884	4490	5585	4028
861	Printing trades	NC	81	1	0	4	7	31	27	9	1	1	0	0	0	0	0	4.8	5.4	6.2	5.4	1.2	4775	5553	6585	5538
		C	23	1	0	1	8	6	4	1	2	0	0	0	0	0	0	4.0	4.8	5.8	4.9	1.6	3972	4757	6081	4940
863	Surveyor	NC	24	0	2	7	5	2	6	1	0	1	0	0	0	0	0	3.1	4.1	5.8	4.5	1.7	3228	4094	6110	4447
		C	22	1	0	1	4	7	8	1	0	0	0	0	0	0	0	4.4	5.2	5.9	5.0	1.3	4363	5296	6259	5040
864	Draftsman	NC	71	1	1	1	15	28	16	9	0	0	0	0	0	0	0	4.5	5.1	6.0	5.1	1.2	4473	5188	6282	5207
		C	87	2	3	1	15	35	24	6	1	0	0	0	0	0	0	4.5	5.1	5.9	5.1	1.3	4513	5209	6184	5108
865	Photography	NC	18	2	4	0	1	4	4	3	0	0	0	0	0	0	0	2.1	5.0	6.1	4.4	2.1	2594	5040	6536	4377
		C	16	1	3	0	5	1	3	2	1	0	0	0	0	0	0	3.0	4.3	6.2	4.5	2.1	3175	4288	6599	4490
868	Clothing and fashion trades	NC	18	1	1	3	6	4	2	0	1	0	0	0	0	0	0	3.3	4.2	5.1	4.2	1.6	3429	4158	5188	4211
881	Food & bev. prep., etc. (cook, chef, baker, bart., caterer)	NC	22	3	0	3	4	7	4	1	0	0	0	0	0	0	0	3.3	4.6	5.4	4.3	1.7	3429	4641	5565	4261
		C	13	1	2	0	3	5	2	0	0	0	0	0	0	0	0	3.6	4.6	5.2	4.2	1.6	3633	4595	5340	4145
885	Butcher, meat cutter	NC	25	0	2	1	3	7	10	2	0	0	0	0	0	0	0	4.5	5.4	6.1	5.1	1.3	4528	5565	6461	5182
891	Miscellaneous services (personal and other)	NC	69	1	8	18	16	18	8	0	0	0	0	0	0	0	0	3.0	4.0	5.0	4.0	1.3	3145	3972	5024	3961
		C	24	3	4	5	5	6	1	0	0	0	0	0	0	0	0	2.2	3.5	4.7	3.4	1.5	2670	3564	4667	3496
892	Barber	NC	27	0	2	3	4	8	5	4	1	0	0	0	0	0	0	3.9	5.1	6.2	5.0	1.6	3943	5113	6574	5040
895	Nurses' aide, medical aide, psychiatric aide, etc.	NC	15	4	4	3	2	1	1	0	0	0	0	0	0	0	0	1.4	2.4	3.6	2.7	1.5	**	2748	3669	2940-
		C	31	12	6	9	3	1	0	0	0	0	0	0	0	0	0	1.1	2.1	3.1	2.2	1.2	**	2569	3237	2636-
899	General labor, unspecialized (unskilled & semi-skilled)	NC	600	5	21	53	112	232	136	26	14	1	0	0	0	0	0	4.1	5.0	5.7	4.9	1.3	4126	5005	5923	4912
		C	223	4	9	17	40	81	62	10	0	0	0	0	0	0	0	4.1	5.0	5.8	4.8	1.3	4136	5055	6010	4861
950	Miscellaneous	NC	79	0	4	7	24	22	20	2	0	0	0	0	0	0	0	3.9	4.7	5.6	4.7	1.2	3877	4708	5806	4671
		C	115	17	5	5	22	27	27	9	1	0	0	0	1	1	0	3.6	4.8	5.9	4.5	2.1	3630	4829	6176	4540
Total			9384	620	377	680	1337	2757	2338	986	214	48	11	6	6	2	2	4.0	5.1	6.0	4.9	1.7	4001	5168	6412	4918

*This table is based on the 12th-grade TALENT sample. Only those job groups with at least 9 cases are listed but the "Total" row includes all males in the full-time labor force.

**This value cannot be determined accurately, because of the large number of cases in the lowest interval (L = 1). For the same reason the corresponding geometric mean is probably somewhat too high.

***For definition of L-values, see Table 12-1.

****Q_1, Md, and Q_3 in dollars are obtained by converting from the corresponding L statistics, using the formula given in a footnote to Table 12-1.

of both the L scale and annual salary in dollars; also the geometric mean of the salaries in dollars. Table 12-2b shows the corresponding data for women. These two tables are based on the grade 12 sample; i.e., the high school class of 1960. Therefore these are 1965 salaries.

Table 12-3 summarizes these data, combining all job categories, separately for those who have never gone to college and those who have had some college education.

People often speak of how much a college education is "worth" in terms of salary. They base their conclusions on the difference between the average salary for college graduates (or perhaps for those with some college education, not necessarily just college graduates) and the average salary for high school graduates who never went to college. Whatever the difference is is then said to be what a college education is worth, in dollars. The author of this chapter takes a dim view of such reasoning, which very often assumes explicitly (and when it doesn't it almost always assumes implicitly) that the only difference between people with four years of college education and people with none is possession of a sheepskin. Occasionally the salary differential is attributed to the acquisition of special skills by virtue of having taken courses in college which impart these skills. But almost never, in estimating the dollar value of a college education, is the selectivity of many colleges and the consequent difference in average level of ability of the college and noncollege groups taken into account. It should be.

Having issued this caveat against assuming that differences in salary between those who have gone to college and those who haven't are due entirely to just that, let us proceed to present a table which is of exactly the kind we have warned may mislead the unwary. It is not our intention to mislead the unwary--or the wary, for that matter--or anyone else. Table 12-3 is presented as preliminary data only, and the reader is urged to regard it as such. This table shows the overall distributions of salary for those members of the full-time labor force who have gone to college, those who haven't, and the total. This represents the first step in a more complex series of data analyses planned for the future. In these future analyses

TABLE 12-2b. Salary distributions five years after high school by job, sex, and amount of education (i.e., some college versus no college)

For women, five years after high school; based on cases in the full-time labor force only*

Job Code Q-2-jb-A	Job	College or Noncoll. (C or NC)	N	No. of cases														L-scale statistics***					Salary in dollars per yr.****			
				<$2246 L=1	$2246-2828 L=2	$2829-3563 L=3	$3564-4490 L=4	$4491-5657 L=5	$5658-7126 L=6	$7127-8979 L=7	$8980-11314 L=8	$11315-14253 L=9	$14254-17958 L=10	$17959-22627 L=11	$22628-28508 L=12	$28509-35919 L=13	$35920+ L=14	Q_1	Md	Q_3	M	σ	Q_1	Md	Q_3	Geom. mean
221	Systems analyst (computer)	C	9	0	0	0	1	2	3	3	0	0	0	0	0	0	0	5.1	6.0	6.8	5.9	1.1	5188	6350	7551	6189
222	Computer programmer	C	26	0	0	0	0	4	13	9	0	0	0	0	0	0	0	5.7	6.2	6.8	6.2	.7	5914	6639	7600	6639
231	Chemist	C	10	0	0	0	0	0	7	3	0	0	0	0	0	0	0	5.9	6.2	6.7	6.3	.5	6144	6672	7407	6806
299	Lab tech. & res. assist.	C	25	0	0	2	4	8	10	1	0	0	0	0	0	0	0	4.5	5.3	6.0	5.2	1.0	4523	5418	6314	5230
337	Graduate nurse (RN)	NC	258	3	1	9	74	135	35	1	0	0	0	0	0	0	0	4.2	4.8	5.3	4.7	.9	4186	4825	5388	4734
		C	222	2	0	3	59	126	31	0	1	0	0	0	0	0	0	4.4	4.9	5.3	4.8	.8	4343	4894	5419	4840
341	Dental hygienist	C	20	0	0	1	0	6	6	1	5	1	0	0	0	0	0	5.2	6.0	7.7	6.2	1.5	5238	6350	9405	6728
346	Spec. therapist: misc.	C	9	1	0	0	1	4	2	1	0	0	0	0	0	0	0	4.6	5.1	5.9	4.9	1.7	4556	5188	6169	4912
347	Med. & dental technologists, other	NC	15	0	0	1	7	5	2	0	0	0	0	0	0	0	0	3.9	4.4	5.2	4.5	.8	3903	4417	5218	4525
		C	68	2	0	0	10	50	6	0	0	0	0	0	0	0	0	4.6	4.9	5.3	4.8	.8	4595	4971	5377	4839
348	Medical & dental tech. (also lab tech. in bio. & sci)	NC	87	4	9	19	37	16	2	0	0	0	0	0	0	0	0	3.0	3.8	4.4	3.7	1.1	3146	3829	4386	3704
		C	83	1	2	20	29	24	7	0	0	0	0	0	0	0	0	3.4	4.1	4.9	4.1	1.0	3473	4130	4956	4125
370	Social work	C	90	0	0	0	12	59	18	1	0	0	0	0	0	0	0	4.7	5.1	5.4	5.1	.6	4679	5110	5580	5145
400	Teaching (NEC)	C	295	3	0	7	32	143	98	9	0	0	0	1	0	1	1	4.7	5.2	5.9	5.3	1.2	4727	5325	6162	5370
411	Teaching pre-school children	C	54	1	1	0	4	22	24	2	0	0	0	0	0	0	0	4.8	5.5	6.0	5.3	1.0	4858	5598	6381	5420
412	Teaching elementary school	C	854	5	1	8	84	431	281	41	0	1	0	1	0	1	0	4.8	5.3	5.9	5.3	.9	4777	5356	6200	5405
420	Teaching high school (NEC)	C	97	1	0	3	11	57	22	2	0	0	0	0	1	0	0	4.7	5.1	5.5	5.1	1.1	4662	5143	5702	5186
421	Teaching h.s. math	C	71	1	0	1	6	31	29	3	0	0	0	0	0	0	0	4.8	5.4	6.0	5.3	.9	4829	5512	6337	5432
422	Teaching h.s. science	C	29	1	0	0	5	11	9	3	0	0	0	0	0	0	0	4.6	5.3	6.0	5.2	1.2	4610	5368	6391	5287
423	Teaching h.s. social studies	C	64	1	0	0	6	33	22	1	1	0	0	0	0	0	0	4.8	5.3	5.9	5.3	.9	4782	5349	6153	5359
424	Teaching h.s. English	C	173	3	0	0	16	93	54	6	0	0	0	1	0	0	0	4.8	5.2	5.8	5.3	1.0	4769	5310	6104	5345
425	Teaching h.s. foreign lang.	C	44	0	0	1	1	20	21	0	1	0	0	0	0	0	0	5.0	5.5	6.0	5.5	.8	4982	5657	6385	5628
426	Teaching h.s. commercial ed	C	42	0	0	1	7	25	8	1	0	0	0	0	0	0	0	4.6	5.0	5.4	5.0	.7	4595	5064	5579	5068
427	Teaching h.s. home ec.	C	45	0	0	2	3	23	15	2	0	0	0	0	0	0	0	4.8	5.3	5.9	5.3	.8	4781	5353	6181	5360
429	Teaching h.s. phys. ed.	C	66	0	0	1	4	38	21	2	0	0	0	0	0	0	0	4.8	5.2	5.8	5.3	.7	4816	5324	6077	5387
431	Teaching art (all schools)	C	34	[illegible]	1	1	0	22	9	1	0	0	0	0	0	0	0	4.8	5.2	5.7	5.2	.9	4808	5256	5879	5250
432	Teaching music (all schools)	C	32	[illegible]	[illegible]	0	3	20	6	2	1	0	0	0	0	0	0	4.8	5.2	5.7	5.3	.9	4757	5218	5879	5418
440	Teaching the handicapped	C	56	1	0	0	2	22	22	8	0	0	0	0	0	0	1	5.0	5.6	6.3	5.7	1.5	5040	5838	6763	5969
441	Speech therapist	C	40	1	1	0	2	13	19	4	0	0	0	0	0	0	0	5.0	5.7	6.2	5.4	1.2	4996	5868	6626	5592
460	Coll. or univ. teacher (NEC)	C	11	0	0	0	2	6	2	0	1	0	0	0	0	0	0	4.6	5.1	5.6	5.3	1.1	4622	5138	5823	5368
491	Peace Corps teacher	C	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0		1.0		1.0	.0				
492	Grad. assist (teach.&/or res.)	C	9	0	3	1	1	2	2	0	0	0	0	0	0	0	0	2.2	4.0	5.4	3.9	1.7	2670	4001	5496	3899
511	Librarians & related occup.	C	68	1	1	6	15	32	12	0	0	1	0	0	0	0	0	4.1	4.8	5.4	4.7	1.1	4094	4861	5496	4741
534	Journalists, reporters, etc.	C	10	0	0	0	1	6	1	1	0	0	0	1	0	0	0	4.8	5.2	6.0	5.8	2.0	4757	5238	6350	6063

TABLE 12-2b. (cont.)

Job Code Q-2-jb-A	Job	College or Noncoll. (C or NC)	N	No. of cases														L-scale statistics***					Salary in dollars per yr.****			
				<$2246	$2246-2828	$2829-3563	$3564-4490	$4491-5657	$5658-7126	$7127-8979	$8980-11314	$11315-14253	$14254-17958	$17959-22627	$22628-28508	$28509-35919	$35920+									
				L=1	L=2	L=3	L=4	L=5	L=6	L=7	L=8	L=9	L= 10	L= 11	L= 12	L= 13	L= 14	Q_1	Md	Q_3	M	σ	Q_1	Md	Q_3	Geom. mean
545	Comm. artist, illus., etc.	C	10	0	1	1	2	3	3	0	0	0	0	0	0	0	0	3.8	4.8	5.7	4.6	1.4	3776	4850	5879	4595
621	Recreation or playgrd dir.	C	13	0	0	1	1	9	2	0	0	0	0	0	0	0	0	4.6	5.0	5.4	4.9	.8	4637	5040	5479	4951
717	Acct.,aud.,compt.(except CPA)	C	16	0	0	1	5	3	6	1	0	0	0	0	0	0	0	4.1	5.2	6.0	5.1	1.1	4094	5238	6350	5113
722	Buyer for retail store	C	17	1	0	0	4	11	1	0	0	0	0	0	0	0	0	4.3	4.8	5.2	4.6	1.1	4300	4833	5284	4583
724	Advertising	C	16	1	1	1	5	6	2	0	0	0	0	0	0	0	0	3.7	4.5	5.2	4.2	1.3	3733	4490	5238	4238
726	Personnel administration	C	16	0	0	0	3	8	4	1	0	0	0	0	0	0	0	4.6	5.1	5.8	5.2	.8	4622	5188	5994	5263
727	Appraising, estimating	NC	16	0	0	5	7	4	0	0	0	0	0	0	0	0	0	3.3	3.9	4.5	3.9	.8	3403	[illegible]	4490	3943
		C	12	0	0	1	5	6	0	0	0	0	0	0	0	0	0	3.9	4.5	5.0	4.4	.7	3909	[illegible]	5040	4405
728	Loan investigator, credit investigator	NC	11	1	0	2	6	2	0	0	0	0	0	0	0	0	0	3.4	3.9	4.4	3.7	1.1	3463	3924	4363	3756
		C	16	0	1	1	5	5	3	1	0	0	0	0	0	0	0	3.9	4.7	5.5	4.7	1.2	3909	4703	5657	4689
738	Supervisor in bus.(e.g. night)	C	11	1	0	0	3	4	3	0	0	0	0	0	0	0	0	4.1	4.9	5.6	4.6	1.4	4078	4897	5767	4634
741	Salesclerk, checker, cashier in a store	NC	92	12	45	21	6	4	3	1	0	0	0	0	0	0	0	1.7	2.3	3.1	2.5	1.2	2376	2674	3228	2857
		C	29	6	13	8	2	0	0	0	0	0	0	0	0	0	0	1.6	2.2	2.8	2.2	.9	2296	2612	3063	2644
748	Other salesmen (NEC)	C	9	0	0	1	3	4	1	0	0	0	0	0	0	0	0	3.9	4.6	5.2	4.6	.9	3924	4622	5263	4548
751	Bookkeeper	NC	140	4	14	49	48	20	5	0	0	0	0	0	0	0	0	2.8	3.6	4.3	3.6	1.1	3065	3616	4279	3629
		C	47	1	3	13	17	9	4	0	0	0	0	0	0	0	0	3.1	3.9	4.6	3.9	1.1	3247	3893	4637	3903
752	Teller or bank clerk	NC	66	0	6	24	28	8	0	0	0	0	0	0	0	0	0	2.9	3.6	4.2	3.6	.8	3130	3653	4186	3627
		C	35	1	1	15	16	2	0	0	0	0	0	0	0	0	0	3.0	3.5	4.1	3.5	.8	3139	3590	4073	3552
753	Cashier	NC	44	1	8	16	16	3	0	0	0	0	0	0	0	0	0	2.6	3.3	4.0	3.3	.9	2912	3413	4001	3382
		C	14	0	1	8	4	1	0	0	0	0	0	0	0	0	0	2.8	3.2	3.9	3.4	.7	3041	3364	3887	3448
755	Misc. computing & account-recording occupations	NC	210	0	15	45	94	48	7	0	0	0	0	1	0	0	0	3.3	4.0	4.6	4.0	1.0	3429	3981	4567	3974
		C	90	2	7	19	35	25	1	0	0	0	1	0	0	0	0	3.2	4.0	4.7	3.9	1.2	3334	3987	4681	3939
756	Keypunch operator, flexowriter operator, etc.	NC	93	0	3	14	45	27	3	0	0	0	0	1	0	0	0	3.6	4.2	4.8	4.2	1.1	3680	4147	4798	4204
		C	21	0	0	5	8	7	0	1	0	0	0	0	0	0	0	3.5	4.2	4.9	4.2	1.0	3590	4178	4917	4227
758	Computer and EAM operator, supervisor, etc.	NC	33	0	1	9	15	7	1	0	0	0	0	0	0	0	0	3.3	3.9	4.5	3.9	.9	3408	3939	4473	3945
		C	10	0	1	2	3	3	1	0	0	0	0	0	0	0	0	3.2	4.2	5.0	4.1	1.2	3364	4158	5040	4094
761	Secretary (NEC)	NC	624	8	29	70	234	228	52	2	0	0	1	0	0	0	0	3.7	4.4	5.1	4.3	1.1	3742	4364	5107	4295
		C	440	8	19	57	157	148	46	3	0	0	0	0	2	0	0	3.7	4.4	5.1	4.3	1.2	3703	4354	5160	4319
762	Secretary-bookkeeper	NC	28	0	4	10	9	5	0	0	0	0	0	0	0	0	0	2.8	3.5	4.3	3.5	1.0	3032	3564	4266	3594
		C	16	1	0	5	5	5	0	0	0	0	0	0	0	0	0	3.1	3.9	4.7	3.8	1.1	3250	3909	4703	3831
763	Medical or dental secretary	NC	27	0	0	10	13	4	0	0	0	0	0	0	0	0	0	3.2	3.8	4.3	3.8	.7	3306	3793	4276	3800
		C	30	0	2	4	17	5	2	0	0	0	0	0	0	0	0	3.6	4.0	4.5	4.0	.9	3637	4028	4460	4031
764	Legal secretary	NC	66	0	7	9	25	20	4	1	0	0	0	0	0	0	0	3.5	4.2	4.9	4.1	1.1	3581	4170	4954	4114
		C	41	0	0	1	21	51	4	0	0	0	0	0	0	0	0	3.9	4.4	5.1	4.5	.7	3946	4417	5138	4528
765	Stenographer, court reporter, etc.	NC	107	1	0	20	43	36	7	0	0	0	0	0	0	0	0	3.6	4.3	5.0	4.3	.9	3676	4244	4984	4241
		C	61	1	2	10	22	21	5	0	0	0	0	0	0	0	0	3.6	4.3	5.0	4.2	1.0	3649	4283	5054	4218
766	Typist, clerk-typist	NC	314	5	30	91	128	51	9	0	0	0	0	0	0	0	0	3.0	3.7	4.4	3.7	1.0	3159	3769	4343	3725
		C	110	3	12	25	53	16	0	1	0	0	0	0	0	0	0	3.0	3.8	4.3	3.6	1.0	3175	3805	4289	3686
769	Clerk (misc.)	NC	96	2	14	27	44	7	2	0	0	0	0	0	0	0	0	2.8	3.6	4.2	3.5	1.0	3029	3659	4150	3547
		C	41	1	6	10	17	7	0	0	0	0	0	0	0	0	0	2.8	3.7	4.3	3.6	1.0	3049	3738	4296	3615

TABLE 12-2b. (cont.)

Job Code Q-2-jb-A	Job	College or Noncoll. (C or NC)	N	No. of cases														L-scale statistics***					Salary in dollars per yr.****			
				<$2246 L=1	$2246-2828 L=2	$2829-3563 L=3	$3564-4490 L=4	$4491-5657 L=5	$5658-7126 L=6	$7127-8979 L=7	$8980-11314 L=8	$11315-14253 L=9	$14254-17958 L=10	$17959-22627 L=11	$22628-28508 L=12	$28509-35919 L=13	$35920+ L=14	Q_1	Md	Q_3	M	σ	Q_1	Md	Q_3	Geom. mean
771	Office supervisor	NC	25	0	2	4	7	10	2	0	0	0	0	0	0	0	0	3.5	4.4	5.1	4.2	1.1	3594	4417	5128	4229
		C	13	0	0	1	4	5	3	0	0	0	0	0	0	0	0	4.1	4.8	5.4	4.8	.9	4059	4813	5592	4779
772	Office manager	NC	10	0	1	1	5	2	1	0	0	0	0	0	0	0	0	3.6	4.1	4.8	4.1	1.1	3647	4094	4757	4094
781	Phone operator, PBX operator	NC	66	1	7	16	38	4	0	0	0	0	0	0	0	0	0	3.0	3.7	4.2	3.6	.8	3198	3765	4162	3614
		C	16	0	1	3	11	1	0	0	0	0	0	0	0	0	0	3.5	3.9	4.2	3.8	.7	3564	3876	4216	3776
789	Other "public contact" occup: recept., clerks, etc.	NC	83	6	2	16	38	17	2	1	1	0	0	0	0	0	0	3.3	4.0	4.5	3.9	1.2	3401	3964	4506	3891
		C	69	1	6	16	20	24	2	0	0	0	0	0	0	0	0	3.1	4.1	4.9	4.0	1.1	3280	4070	4885	3961
791	Radio, telegraph/teletype op.	NC	13	0	0	1	5	4	2	1	0	0	0	0	0	0	0	4.0	4.6	5.4	4.8	1.1	3955	4622	5576	4779
797	Miscellaneous clerical	NC	62	4	11	13	16	18	0	0	0	0	0	0	0	0	0	2.5	3.7	4.6	3.5	1.3	2854	3722	4637	3591
		C	18	1	1	2	8	6	0	0	0	0	0	0	0	0	0	3.6	4.1	4.8	3.9	1.1	3616	4118	4757	3949
798	Miscellaneous administrative	C	10	0	0	0	1	4	3	1	1	0	0	0	0	0	0	4.9	5.5	6.3	5.7	1.2	4897	5657	6858	5925
868	Clothing and fashion trades	NC	75	3	40	20	9	2	1	0	0	0	0	0	0	0	0	1.9	2.4	3.2	2.6	.9	2459	2740	3297	2895
		C	15	0	2	1	3	5	4	0	0	0	0	0	0	0	0	3.8	4.8	5.6	4.5	1.4	3776	4813	5740	4525
871	Dietitian	C	19	0	0	3	1	12	3	0	0	0	0	0	0	0	0	4.6	5.0	5.4	4.8	.9	4556	4992	5470	4801
872	Home economist (other & NEC)	C	20	0	0	0	2	8	9	1	0	0	0	0	0	0	0	4.9	5.5	6.1	5.4	.8	4897	5657	6432	5592
873	Airline steward, stewardess	NC	17	0	0	0	1	10	6	0	0	0	0	0	0	0	0	4.8	5.2	5.8	5.3	.6	4840	5340	6052	5395
		C	13	0	0	0	5	4	3	0	1	0	0	0	0	0	0	4.2	4.9	5.8	5.1	1.2	4142	4897	5994	5131
881	Food & bev. preparation, etc.	NC	16	7	3	3	2	1	0	0	0	0	0	0	0	0	0	1.1	1.8	3.2	2.2	1.3	**	2425	3300	2632-
891	Miscellaneous services (personal and other)	NC	67	27	17	14	4	5	0	0	0	0	0	0	0	0	0	1.1	1.9	2.9	2.1	1.2	**	2453	3136	2609-
		C	17	7	3	2	3	0	1	0	0	0	0	0	0	1	0	1.1	2.0	3.8	2.9	3.0	**	2520	3776	3132-
893	Hairdresser, manic., cosmet.	NC	71	7	14	14	13	16	4	2	0	1	0	0	0	0	0	2.3	3.5	4.8	3.6	1.7	2681	3596	4844	3652
894	Practical nurse (PN)	NC	47	2	5	22	17	1	0	0	0	0	0	0	0	0	0	2.7	3.2	3.9	3.2	.8	2974	3364	3880	3335
		C	11	1	1	5	3	1	0	0	0	0	0	0	0	0	0	2.6	3.2	3.9	3.2	1.1	2929	3325	3924	3312
895	Nurses' aide, med. aides, etc.	NC	32	8	8	9	5	1	1	0	0	0	0	0	0	0	0	1.5	2.5	3.4	2.6	1.3	2245	2829	3474	2870
896	Domestic service	NC	35	30	2	0	2	0	0	0	0	0	0	0	0	0	1	0.8	1.1	1.4	1.6	2.3	**	**	2182	2298-
		C	9	6	2	0	0	1	0	0	0	0	0	0	0	0	0	0.9	1.2	1.9	1.7	1.3	**	**	2449	2334-
899	General labor, unspecialized (unskilled & semi-skilled)	NC	186	2	37	60	62	19	5	1	0	0	0	0	0	0	0	2.6	3.4	4.2	3.4	1.1	2912	3483	4145	3498
		C	20	0	5	5	5	4	1	0	0	0	0	0	0	0	0	2.5	3.5	4.5	3.6	1.2	2829	3564	4490	3606
950	Miscellaneous	NC	21	3	3	4	4	4	3	0	0	0	0	0	0	0	0	2.2	3.6	4.9	3.6	1.7	2670	3669	4968	3623
		C	28	3	3	2	7	9	4	0	0	0	0	0	0	0	0	3.0	4.4	5.2	4.0	1.6	3175	4345	5238	4001
Total			7609	254	471	976	1998	2608	1122	139	15	6	4	7	3	3	3	3.6	4.5	5.3	4.4	1.4	3648	4533	5364	4360

*This table is based on the 12th-grade TALENT sample. Only those job groups with at least 9 cases are listed but the "Total" row includes all females in the full-time labor force.

**This value cannot be determined accurately, because of the large number of cases in the lowest interval (L = 1). For the same reason the corresponding geometric mean is probably somewhat too high.

***For definition of L-values, see Table 12-1.

****Q_1, Md, and Q_3 in dollars are obtained by converting from the corresponding L statistics, using the formula given in a footnote to Table 12-1.

TABLE 12-3. Salary distributions five years after high school by sex and amount of education (i.e., some college versus no college)

For 12th-grade sample, five years after high school; based on cases in the full-time labor force only; the distributions and statistics based on them include only the employed members of the full-time labor force.

L	Annual Salary	NUMBER OF CASES					
		Males			Females		
		Non-college	College	Total	Non-college	College	Total
14	$35,920 and up	2	0	2	1	2	3
13	28,509-35,919	0	2	2	0	3	3
12	22,628-28,508	2	4	6	0	3	3
11	17,959-22,627	4	2	6	2	5	7
10	14,254-17,958	5	6	11	1	3	4
9	11,315-14,253	23	25	48	3	3	6
8	8,980-11,314	96	118	214	1	14	15
7	7,127- 8,979	273	713	986	12	127	139
6	5,658- 7,126	825	1,513	2,338	169	953	1,122
5	4,491- 5,657	1,132	1,625	2,757	783	1,825	2,608
4	3,564- 4,490	696	641	1,337	1,152	846	1,998
3	2,829- 3,563	354	326	680	667	309	976
2	2,246- 2,828	212	165	377	346	125	471
1	Under 2,245	235	385	620	152	102	254
N***		3,859	5,525	9,384	3,289	4,320	7,609
N_o***		659	593	1,252	379	324	703
L-scale statistics*							
	Q_3	5.8	6.2	6.0	4.7	5.5	5.3
	Md	4.9	5.3	5.1	3.9	4.9	4.5
	Q_1	3.7	4.3	4.0	3.0	4.1	3.6
	M	4.7	5.0	4.9	3.8	4.8	4.4
	σ	1.7	1.7	1.7	1.3	1.3	1.4
Annual salary**							
	Q_3	$6,094	$6,592	$6,412	$4,693	$5,703	$5,364
	Md	4,905	5,360	5,168	3,924	4,955	4,533
	Q_1	3,763	4,276	4,001	3,165	4,135	3,648
	Geom. mean	$4,705	$5,072	$4,918	$3,833	$4,809	$4,360

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* For definition of L-values, see Table 12-1.

** Q_1, Md, and Q_3 in dollars are obtained by converting from the corresponding L statistics, using the formula given in a footnote to Table 12-1. The geometric mean in dollars is obtained by converting from the arithmetic mean value of L, using the same formula (in the Table 12-1 footnote).

*** N = number reporting salary; i.e., number of cases included in the distribution above.

N_o = number not reporting salary, plus number of unemployed.

amount of education (broken down into finer categories than the college-noncollege dichotomy used in Table 12-3) and ability will be taken into account.

Summary and conclusions

In this chapter, salary distributions are presented for the grade 12 sample five years after high school, for men classified on the basis of kind of job and whether they have had any college education; comparable data are presented for women. These data are for salaries in 1965.

The chief findings are:

1. Men's salaries five years after high school are about $600 more per year than women's, on the average.
2. Men with some college education are making about four or five hundred dollars a year more, on the average, than their high school classmates who didn't go to college.
3. Women who have been to college make about $1000 more per year than those who haven't.

The reader is cautioned against inferring a cause-and-effect relationship from the above figures. The differences in salary between those who have some college training and those who have none is not necessarily due entirely to the mere fact of having been to college. Differences in ability between the two groups at the time of high school graduation probably account for at least some of the differential.

Chapter 13. USE OF TOBACCO BY YOUNG ADULTS

Marion F. Shaycoft

What factors are related to the use of tobacco among young people? Which ones are most likely to acquire the habit, and at what age? Do those who have become smokers indicate any regret that they have? Preliminary exploration of questions like these was made possible by the inclusion of the following three items in the tenth-grade five-year follow-up questionnaire:

19. (a) Please indicate how much you smoke.

0 ☐ I have never smoked. (Skip to Question 20.)
1 ☐ I did smoke heavily but have stopped completely.
2 ☐ I did smoke heavily but have cut down to less than half a pack of cigarettes a day.
3 ☐ I did smoke heavily but have cut down to between half a pack and a pack of cigarettes a day.
4 ☐ I never was a heavy smoker, and now I have stopped completely.
5 ☐ I have never been a heavy smoker. I now smoke less than half a pack of cigarettes a day.
6 ☐ I now smoke between half a pack and a pack of cigarettes a day. I have never smoked more heavily than that.
7 ☐ I smoke more than a pack of cigarettes a day.
8 ☐ I primarily smoke cigars.
9 ☐ I primarily smoke a pipe.

(b) At what age did you start smoking? ____________

(c) How do you feel about the amount you smoke?

☐ 8 a. I am quite satisfied.
☐ 1 b. I plan to cut down on the amount I smoke.
☐ 2 c. I plan to stop smoking in the near future.
☐ 4 d. I have tried to stop smoking but have not been able to.

The hazards of smoking have been widely publicized for over a decade. It seems clear, therefore, that among those who were in the tenth grade in 1960, most of the ones who became smokers must have started long after the presumptive relationship between smoking and cancer became well-known to the general public, including, of course, the tyro smokers themselves.

It would seem (to this researcher at least) that among the young people who were coming of age during a period when the health hazards invited by the use of tobacco were being made known through newspapers, popular magazines, television and other widely available sources of information, there would be some tendency for the more intelligent to understand the implications of this information better, and to act accordingly. Nobody would expect intellectual factors to be the sole factor determining whether one adopts the cigarette habit. Obviously factors of temperament must play some role. And certainly nobody would be naive enough to think that confirmed smokers who understood the arguments against smoking and were convinced by them would therefore necessarily stop. But it did seem reasonable (to this researcher) to expect reason to play some role in the decision whether to start smoking; and perhaps even more of a role than for mature adults who already had a well-established habit to contend with.

In line with these suppositions the relation of amount smoked (Question 19a) to general academic ability (Composite C-002[1]) was investigated. Before undertaking this, however, it seemed desirable to start by looking into the question of age at which the smoker became a smoker. Tables 13-1 and 13-2 summarize the results. Table 13-1 shows the percentage distribution of smoking patterns (Question 19a) for groups homogeneous with respect to sex and age at which they started smoking. Table 13-2 shows mean age of starting smoking, for groups differing in their smoking patterns. Inspection of both these tables (but Table 13-2 in particular) reveals some tendency for the earlier smokers to become the heavier smokers. This is true for both sexes. Boys start smoking about half a year earlier than girls, on the average (boys at just under seventeen and girls at about seventeen and a half), but if we leave out of consideration the pipe and cigar smokers, the four groups that became heavy smokers (codes 1, 2, 3, and 7) started earlier, in the case of both sexes, than the three light-to-moderate categories (codes 4, 5, and 6). Of course this does not necessarily mean that early smoking causes heavy smoking, but it does seem likely that the same predisposing factors (whatever they may be) that lead a boy or girl to start smoking very early would also produce a tendency to become a heavy smoker. It seems to this writer that an alternative hypothesis, that the early smokers became heavier smokers only because they had had more time to, having started earlier, can be ruled out. It is improbable that by age 23 (the typical age of TALENT sample members five years after high school) the mere fact of having obtained a headstart by beginning to smoke at sixteen and a half, for instance, instead of seventeen, would still have a direct effect.

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[1] See Appendix D for a description of this composite.

TABLE 13-1. Joint distributions showing relation of amount smoked five years after high school to age at which smoking was started.

Based on grade 10 sample, separately by sex

		Amount smoked**		Change in amt. smoked?**	Percent of group who smoke the indicated amount, 5 years after high school												
					No ans.	Age at which started											
Sex	Code	Formerly	Now			4	5	6	7	8	9	10	11	12	13	14	15
M	0	None	None	-	95.1***	-	-	-	-	-	-	-	-	-	-	-	-
	1	Heavily	None	Stopped	.2	-	-	7.7	-	12.5	15.6	3.1	15.9	11.2	13.5	[illegible]	8.5
	2*	Heavily	<1/2 pack	Cut down	.1	-	-	-	9.1	3.1	6.3	3.1	1.4	2.9	2.4	2.5	2.3
	3*	Heavily	1/2 to 1 pack	Cut down	.2	33.3	-	-	18.2	6.3	9.4	4.2	8.7	5.9	6.0	4.7	5.3
	4	Not heavily	None	Stopped	.9	-	14.3	30.8	36.4	12.5	18.8	20.8	11.6	13.8	11.0	12.7	9.7
	5*	Not heavily	<1/2 pack	Cut down	.8	-	-	7.7	-	3.1	6.3	7.3	10.1	7.9	6.7	6.5	6.9
	6*	1/2 to 1 pack	1/2 to 1 pack	No	1.4	-	28.6	15.4	18.2	28.1	31.3	29.2	23.2	25.9	27.3	33.3	36.9
	7*	>1 pack	>1 pack	?	.7	66.7	42.9	38.5	18.2	31.3	12.5	26.0	26.1	28.2	29.2	29.2	25.1
	8	?	Cigar	?	.4	-	14.3	-	-	3.1	-	3.1	-	2.4	1.3	.9	1.6
	9	?	Pipe	?	.3	-	-	-	-	-	-	3.1	2.9	1.8	2.4	2.1	3.8
	Total				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	No. of cases on which %'s are based				(6525)***	(3)	(7)	(13)	(11)	(32)	(32)	(96)	(69)	(340)	(534)	(893)	(1066)

Code	Formerly	Now	Change	Age at which started										All cases	
				16	17	18	19	20	21	22	23	24	25 or over	%	N
0	None	None	-	-	-	-	-	-	-	-	-	-	-	33.6	6208
1	Heavily	None	Stopped	6.1	5.4	4.4	3.3	3.0	2.2	1.9	2.4	-	-	3.8	702
2*	Heavily	<1/2 pack	Cut down	2.0	2.5	2.3	1.6	1.2	1.1	1.2	2.4	-	-	1.4	255
3*	Heavily	1/2 to 1 pack	Cut down	5.5	5.0	4.9	4.0	2.9	3.3	1.2	-	-	-	3.1	570
4	Not heavily	None	Stopped	8.3	10.3	10.4	10.6	10.0	10.7	9.0	7.1	6.7	66.7	7.0	1298
5*	Not heavily	<1/2 pack	Cut down	7.9	10.5	10.9	13.6	15.8	18.4	19.3	17.9	20.0	-	7.1	1317
6*	1/2 to 1 pack	1/2 to 1 pack	No	37.9	37.5	35.7	36.2	29.0	27.2	23.0	16.7	20.0	-	22.4	4143
7*	>1 pack	>1 pack	?	25.8	21.8	18.1	14.5	9.9	11.6	4.7	3.6	-	33.3	13.5	2488
8	?	Cigar	?	2.0	2.4	4.1	4.7	9.4	9.7	13.0	23.8	6.7	-	2.7	499
9	?	Pipe	?	4.4	4.5	9.1	11.6	18.6	15.8	26.7	26.2	46.7	-	5.3	979
Total				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
No. of cases on which %'s are based				(1955)	(1574)	(2187)	(1158)	(996)	(544)	(322)	(84)	(15)	(3)		18459

Sex	Code	Formerly	Now	Change	No ans.	Age at which started										
						5	6	7	8	9	10	11	12	13	14	15
F	0	None	None	-	98.2 ***	-	-	-	-	-	-	-	-	-	-	-
	1	Heavily	None	Stopped	.1	-	-	-	-	-	15.4	4.3	10.1	7.4	10.0	7.0
	2*	Heavily	<1/2 pack	Cut down	.1	-	-	-	-	-	-	4.3	5.1	2.3	1.5	2.6
	3*	Heavily	1/2 to 1 pack	Cut down	-	-	-	-	-	-	7.7	-	3.8	3.7	4.1	2.9
	4	Not heavily	None	Stopped	.6	-	-	50.0	50.0	50.0	23.1	17.4	19.0	18.5	16.1	16.4
	5*	Not heavily	<1/2 pack	Cut down	.3	-	100.0	-	-	-	-	4.3	13.9	19.9	16.9	14.7
	6*	1/2 to 1 pack	1/2 to 1 pack	No	.5	-	-	50.0	-	-	15.4	26.1	30.4	29.6	32.0	38.0
	7*	>1 pack	>1 pack	?	.2	100.0	-	-	50.0	50.0	38.5	34.8	17.7	18.5	18.9	18.5
	8	?	Cigar	?	-	-	-	-	-	-	-	8.7	-	-	-	-
	9	?	Pipe	?	-	-	-	-	-	-	-	-	-	-	.5	-
	Total				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	No. of cases on which %'s are based				(9104)***	(1)	(1)	(2)	(2)	(2)	(13)	(23)	(79)	(216)	(391)	(660)

Code	Formerly	Now	Change	Age at which started										All cases	
				16	17	18	19	20	21	22	23	24	25 or over	%	N
0	None	None	-	-	-	-	-	-	-	-	-	-	-	50.3	8940
1	Heavily	None	Stopped	5.6	5.0	4.0	3.0	2.0	1.9	3.1	1.4	10.0	-	2.3	406
2*	Heavily	<1/2 pack	Cut down	2.5	2.3	2.3	2.3	2.1	1.4	2.0	1.4	-	-	1.1	203
3*	Heavily	1/2 to 1 pack	Cut down	4.8	3.3	2.7	2.5	2.0	2.1	2.0		10.0	-	1.5	270
4	Not heavily	None	Stopped	15.8	20.5	21.5	22.8	21.5	22.8	18.9	18.6	10.0	50.0	10.0	1773
5*	Not heavily	<1/2 pack	Cut down	18.2	18.7	23.1	24.8	33.9	37.2	43.4	60.0	20.0	33.3	11.4	2033
6*	1/2 to 1 pack	1/2 to 1 pack	No	37.8	38.0	35.6	35.9	32.3	30.7	27.0	18.6	50.0	-	17.5	3100
7*	>1 pack	>1 pack	?	15.1	12.1	10.8	8.4	5.8	4.0	3.1	-	-	16.7	5.8	1025
8	?	Cigar	?	.1	-	.1	.2	.1	-	.5	-	-	-	.1	10
9	?	Pipe	?	-	-	.1	-	.3	-	-	-	-	-	-	5
Total				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
No. of cases on which %'s are based				(1381)	(1332)	(1958)	(1127)	(761)	(430)	(196)	(70)	(10)	(6)		17765

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* These categories refer to cigarette smoking only; amounts are expressed in terms of number of packs per day.

** The categories of amount smoked (now and formerly) correspond to the ten options of follow-up questionnaire item 19(a). The code above is the same as the option number in the questionnaire although the wording of the options is different.

*** These percentages and N's include a handful of cases (3 men, 5 women) who said they had never started but who reported ages of starting (men--ages 17, 18, 20; women--ages 16, 17, 17, 19, 20).

TABLE 13-2. Mean and standard deviation* of age at which smoking was started, for groups classified on the basis of amount smoked and sex

Based on grade 10 sample

Amount smoked			N		Male		Female		No. of cases for whom age of starting is unknown (Not included in N's at left)	
Code	Formerly	Now	M	F	$\bar{X}$	σ	$\bar{X}$	σ	M	F
1	Heavily	None	688	400	15.81	2.56	16.64	2.16	14	6
2	Heavily	<1/2 pack	248	197	16.44	2.63	17.31	2.12	7	6
3	Heavily	1/2 to 1 pack	558	267	16.40	2.54	17.03	2.06	12	3
4	Not heavily	None	1242	1720	16.73	2.88	17.69	2.18	56	53
5	Not heavily	<1/2 pack	1268	2002	17.76	2.60	18.12	2.25	49	31
6	1/2 to 1 pack	1/2 to 1 pack	4053	3053	16.90	2.41	17.43	2.05	90	47
7	>1 pack	>1 pack	2442	1009	16.15	2.49	16.63	2.11	46	16
8	?	Cigar	476	8	18.73	2.62	17.00	4.07	23	2
9	?	Pipe	959	5	18.71	2.34	17.20	3.03	20	0
Total group for whom age of starting is known			11934	8661	16.94	2.65	17.50	2.19		
Never smoked			6208	8940						
Age of starting unknown			317	164					317	164
Total			18459	17765						

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* These means and standard deviations are based on the frequency distributions from which Table 13-1 was derived.

TABLE 13-3. Percentage distribution of amount smoked five years after high school
Based on 10th grade cases, classified by academic aptitude (C-002) and sex

Sex	Code	Amt. smoked** Formerly	Amt. smoked** Now	Change in amt smoked?**	Percentage of C-002 group who smoke the indicated amount, Academic Aptitude (C-002): Bottom tenth	2nd tenth	3rd tenth	4th tenth	5th tenth	6th tenth	7th tenth	8th tenth	9th tenth	Top tenth	All cases*** %	All cases*** N
M	0	None	None	-	28.1	28.5	28.6	26.9	30.0	32.0	34.1	35.9	35.9	40.9	33.6	6208
	1	Heavily	None	Stopped	3.2	4.7	4.6	4.7	2.7	4.2	4.3	4.2	3.2	3.4	3.8	702
	2*	Heavily	<1/2 pack	Cut down	1.9	1.6	0.8	1.8	1.7	1.1	1.2	1.4	1.2	1.4	1.4	255
	3*	Heavily	1/2 to 1 pack	Cut down	4.2	3.7	3.6	3.8	3.2	3.0	3.4	3.0	2.4	2.7	3.1	570
	4	Not heavily	None	Stopped	6.3	8.1	6.6	7.2	7.4	7.7	6.6	6.0	6.8	7.5	7.0	1298
	5*	Not heavily	<1/2 pack	Cut down	12.5	7.7	7.8	7.7	6.7	7.8	5.5	6.7	6.6	6.6	7.1	1317
	6*	1/2 to 1 pack	1/2 to 1 pack	No	25.8	25.9	28.2	26.5	25.6	23.0	24.3	21.7	19.6	16.1	22.4	4143
	7*	>1 pack	>1 pack	?	12.5	13.4	13.4	13.4	15.1	14.8	13.2	13.1	14.8	11.3	13.5	2488
	8	?	Cigar	?	2.4	3.5	3.0	3.2	2.7	2.5	2.4	2.8	2.8	2.4	2.7	499
	9	?	Pipe	?	3.0	2.9	3.4	4.9	5.0	3.9	5.1	5.3	6.8	7.7	5.3	979
	Total				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases on which %'s are based				(790)	(1041)	(1187)	(1132)	(1428)	(1590)	(1974)	(2368)	(2577)	(3220)		18459
F	0	None	None	-	51.4	48.8	49.4	49.0	51.3	51.5	48.5	49.3	50.2	52.3	50.3	8940
	1	Heavily	None	Stopped	1.4	1.3	1.6	1.9	2.2	1.7	2.0	2.2	2.6	3.4	2.3	406
	2*	Heavily	<1/2 pack	Cut down	1.7	1.8	0.9	0.9	0.8	0.9	1.1	1.1	1.3	1.0	1.1	203
	3*	Heavily	1/2 to 1 pack	Cut down	2.3	1.4	2.2	2.2	1.3	1.5	1.3	1.2	1.5	1.4	1.5	270
	4	Not heavily	None	Stopped	5.7	8.9	10.1	9.4	10.2	8.9	10.0	10.3	9.7	11.6	10.0	1773
	5*	Not heavily	<1/2 pack	Cut down	17.2	12.7	12.1	10.4	11.0	11.4	13.0	11.7	10.4	10.4	11.4	2033
	6*	1/2 to 1 pack	1/2 to 1 pack	No	14.1	18.3	18.5	19.6	16.5	18.8	19.4	18.6	17.9	14.1	17.5	3100
	7*	>1 pack	>1 pack	?	5.8	6.5	5.1	6.5	6.6	5.3	4.6	5.5	6.4	5.8	5.8	1025
	8	?	Cigar	?	0.3	0.1	0.1		0.1					0.1	.1	10
	9	?	Pipe	?		0.2					0.1					5
	Total				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	No. of cases on which %'s are based				(702)	(952)	(1114)	(1385)	(1475)	(1618)	(1906)	(2176)	(2203)	(3219)		17765

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* These categories refer to cigarette smoking only; amounts are expressed in terms of number of packs per day.

** The categories of amount smoked (now and formerly) correspond to the ten options of follow-up questionnaire item 19(a). The code above is the same as the option number in the questionnaire although the wording of the options is different.

*** Included in these columns are not only the cases in the ten columns for C-002 tenths but also cases for whom the C-002 score is lacking (1152 males, 1015 females).

TABLE 13-4a. Relation of amount smoked five years after high school and Academic Aptitude to attitude towards amount smoked

Grade 10 cases: MALES

Amount smoked			Change in amt. smoked?	How feel about amt. smoked?	Percentage of column (N's in parentheses)										
					Academic Aptitude (C-002)										
Code	Formerly	Now			Bottom tenth	2nd tenth	3rd tenth	4th tenth	5th tenth	6th tenth	7th tenth	8th tenth	9th tenth	Top tenth	All cases
2	Heavily	<1/2 pack	Cut down	a. Satisfied	13.3	17.6	10.0	10.0	33.3	27.8	20.8	15.2	23.3	20.5	20.0
				b. Plan to cut down		17.6	10.0	5.0	8.3	22.2	8.3	27.3	20.0	27.3	17.0
				c. Plan to stop	40.0	35.3	10.0	60.0	41.7	33.3	62.5	42.4	33.3	40.9	41.7
				b and c*		5.9					4.2				.9
				d. Wasn't able to stop	20.0		20.0	20.0	4.2	5.6		9.1	13.3	11.4	9.8
				c and d*	6.7										.4
				e. No answer	20.0	23.5	50.0	5.0	12.5	11.1	4.2	6.1	10.0		10.2
				Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				N	(15)	(17)	(10)	(20)	(24)	(18)	(24)	(33)	(30)	(44)	(235)
3	Heavily	1/2 to 1 pack	Cut down	a. Satisfied	18.2	23.7	27.9	18.6	22.2	22.9	19.4	35.7	14.8	16.1	21.9
				b. Plan to cut down	18.2	10.5	20.9	27.9	26.7	16.7	22.4	25.7	32.8	33.3	24.9
				c. Plan to stop	30.3	23.7	27.9	25.6	17.8	35.4	26.9	22.9	29.5	18.4	25.2
				b and c*					2.2		1.5			1.1	.6
				d. Wasn't able to stop	21.2	28.9	16.3	18.6	22.2	20.8	17.9	14.3	13.1	23.0	19.3
				b and d*			2.3							2.3	.6
				c and d*							4.5			2.3	.9
				e. No answer	12.1	13.2	4.7	9.3	8.9	4.2	7.5	1.4	9.8	3.4	6.7
				Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				N	(33)	(38)	(43)	(43)	(45)	(48)	(67)	(70)	(61)	(87)	(535)
5	Not heavily	<1/2 pack	Cut down	a. Satisfied	22.2	36.3	44.6	35.6	38.5	50.0	45.9	50.3	48.5	53.1	44.6
				b. Plan to cut down	12.1	10.0	10.9	11.5	13.5	12.1	11.9	10.7	13.5	14.6	12.4
				c. Plan to stop	35.4	27.5	18.5	26.4	27.1	19.4	30.3	22.0	24.6	21.1	24.6
				b and c*							.9		.6	.5	.2
				d. Wasn't able to stop	7.1	7.5	5.4	8.0	10.4	4.8	3.7	6.3	7.6	5.2	6.4
				b and d*		1.3		1.1							.2
				c and d*			2.2			.8	.9	.6			.4
				b, c, and d*	1.0					.8					.2
				e. No answer	22.2	17.5	18.5	17.2	10.4	12.1	6.4	10.1	5.3	5.6	11.1
				Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				N	(99)	(80)	(92)	(87)	(96)	(124)	(109)	(159)	(171)	(213)	(1230)
6	1/2 to 1 pack	1/2 to 1 pack	No	a. Satisfied	22.5	29.3	31.9	31.7	33.6	32.9	34.0	40.2	34.1	39.8	34.2
				b. Plan to cut down	12.7	16.7	14.0	14.7	15.0	21.9	16.9	19.9	21.8	21.6	18.2
				c. Plan to stop	17.6	18.9	20.9	24.7	21.3	23.3	22.1	17.5	18.7	17.0	20.0
				b and c*			.3	.7			.2		.2	.2	.2
				d. Wasn't able to stop	21.6	15.6	19.4	16.7	19.1	13.7	14.6	16.2	17.7	15.6	16.7
				b and d*		.4	.3			.3	.4	.6		.4	.3
				c and d*	1.5	1.1	1.2	.7	1.4	.3	.6	.2	.6	1.0	.8
				b, c, and d*									.2		
				e. No answer	24.0	18.1	11.9	11.0	9.6	7.7	11.1	5.5	6.7	4.4	9.7
				Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				N	(204)	(270)	(335)	(300)	(366)	(365)	(479)	(513)	(504)	(518)	(3854)

TABLE 13-4a. (cont.)

Amount smoked			Change in amt. smoked?	How feel about amt. smoked	Percentage of column (N's in parentheses)										
					Academic Aptitude (C-002)										
Code	Formerly	Now			Bottom tenth	2nd tenth	3rd tenth	4th tenth	5th tenth	6th tenth	7th tenth	8th tenth	9th tenth	Top tenth	All cases
7	>1 pack	>1 pack	?	a. Satisfied	27.3	27.1	23.9	22.4	29.2	28.1	27.3	32.6	31.5	35.7	29.7
				b. Plan to cut down	14.1	17.9	24.5	19.1	18.1	23.0	26.2	19.0	26.0	21.7	21.8
				c. Plan to stop	8.1	14.3	12.6	10.5	12.5	10.2	13.5	13.9	12.3	12.4	12.3
				b and c*		.7			.5	.4					.1
				d. Wasn't able to stop	28.3	28.6	26.4	36.2	28.7	31.1	25.0	25.2	24.4	23.6	26.9
				b and d*					1.4	.9	1.5	.3		.8	.6
				c and d*	1.0		.6		.9	1.3	.8	.6	.8	.8	.7
				b, c, and d*								.3	.3		.1
				e. No answer	21.2	11.4	11.9	11.8	8.8	5.1	5.8	8.1	4.7	4.9	7.8
				Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				N	(99)	(140)	(159)	(152)	(216)	(235)	(260)	(310)	(381)	(364)	(2316)
8	?	Cigar	?	a. Satisfied	47.4	77.8	69.4	72.2	78.9	70.0	81.3	86.4	88.9	92.3	80.6
				b. Plan to cut down	10.5			2.8	7.9	2.5	4.2	4.5	2.8	7.7	4.3
				c. Plan to stop	15.8	5.6	16.7	11.1	5.3	15.0	8.3	6.1	6.9		7.7
				b and c*	5.3										.2
				d. Wasn't able to stop	5.3	5.6	2.8	5.6		2.5	2.1	1.5			1.9
				c and d*						2.5					.2
				b, c, and d*							2.1				.2
				e. No answer	15.8	11.1	11.1	8.3	7.9	7.5	2.1	1.5	1.4		4.9
				Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				N	(19)	(36)	(36)	(36)	(38)	(40)	(48)	(66)	(72)	(78)	(469)
9	?	Pipe	?	a. Satisfied	62.5	60.0	77.5	76.4	71.8	79.0	78.0	81.6	92.5	86.6	82.0
				b. Plan to cut down	12.5	13.3		9.1	7.0	6.5	6.0	8.0	2.3	6.1	6.0
				c. Plan to stop	16.7	20.0	17.5	3.6	15.5	6.5	6.0	5.6	2.3	2.4	6.1
				d. Wasn't able to stop		3.3	2.5			1.6	4.0	1.6	1.1	1.2	1.5
				c and d*										.4	.1
				e. No answer	8.3	3.3	2.5	10.9	5.6	6.5	6.0	3.2	1.7	3.2	4.2
				Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				N	(24)	(30)	(40)	(55)	(71)	(62)	(100)	(125)	(174)	(247)	(928)

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* Inferred meanings of combination answers:
b and c: Plan to cut down, and then to stop.
b and d: Tried to stop and wasn't able to, but plan to cut down.
c and d: Tried to stop and wasn't able to, but plan to try again.
b, c, and d: Tried to stop and wasn't able to, but plan to try again to cut down or stop.

TABLE 13-4b. **Relation of amount smoked five years after high school and Academic Aptitude to attitude towards amount smoked**

Grade 10 cases: FEMALES

Amount smoked Code	Formerly	Now	Change in amt. smoked?	How feel about amt. smoked?	Percentage of column (N's in parentheses) Academic Aptitude (C-002) Bottom tenth	2nd tenth	3rd tenth	4th tenth	5th tenth	6th tenth	7th tenth	8th tenth	9th tenth	Top tenth	All cases
2	Heavily	<1/2 pack	Cut down	a. Satisfied		17.6	10.0	15.4	50.0	26.7	28.6	40.0	32.1	32.3	27.7
				b. Plan to cut down	16.7	11.8	10.0	23.1				16.0	10.7	12.9	10.3
				c. Plan to stop	50.0	35.3	50.0	38.5	25.0	53.3	38.1	28.0	28.6	35.5	36.4
				b and c*					8.3						.5
				d. Wasn't able to stop	16.7	17.6	30.0	15.4	8.3	6.7	19.0	16.0	21.4	16.1	16.8
				c and d*				7.7			4.8				1.1
				e. No answer	16.7	17.6			8.3	13.3	9.5		7.1	3.2	7.1
				Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				N	(12)	(17)	(10)	(13)	(12)	(15)	(21)	(25)	(28)	(31)	(184)
3	Heavily	1/2 to 1 pack	Cut down	a. Satisfied	12.5	23.1	12.0	19.4	15.8	25.0	24.0	11.1	21.9	25.0	19.5
				b. Plan to cut down	6.3	7.7	12.0	22.6	26.3	25.0	16.0	29.6	18.8	20.5	19.5
				c. Plan to stop	37.5	7.7	36.0	19.4	10.5	25.0	36.0	29.6	21.9	34.1	27.0
				d. Wasn't able to stop	18.8	46.2	28.0	29.0	26.3	20.8	24.0	18.5	31.3	20.5	25.4
				b and d*				3.2		4.2					.8
				c and d*			4.0		5.3						.8
				e. No answer	25.0	15.4	8.0	6.5	15.8			11.1	6.3		7.0
				Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				N	(16)	(13)	(25)	(31)	(19)	(24)	(25)	(27)	(32)	(44)	(256)
5	Not heavily	<1/2 pack	Cut down	a. Satisfied	36.4	38.0	43.7	40.3	39.5	44.6	48.4	53.1	56.8	56.4	48.0
				b. Plan to cut down	7.4	7.4	8.9	11.1	8.0	10.3	9.3	9.4	9.2	10.1	9.3
				c. Plan to stop	24.8	25.6	28.9	29.9	34.6	32.1	29.8	24.0	24.9	23.9	27.4
				b and c*					.6				.9		.2
				d. Wasn't able to stop	9.9	14.9	8.1	6.9	11.7	7.6	5.6	7.5	5.7	6.0	7.8
				c and d*		.8	.7			1.1				.3	.3
				e. No answer	21.5	13.2	9.6	11.8	5.6	4.3	6.9	5.9	2.6	3.3	7.1
				Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				N	(121)	(121)	(135)	(144)	(162)	(184)	(248)	(254)	(229)	(335)	(1933)
6	1/2 to 1 pack	1/2 to 1 pack	No	a. Satisfied	24.2	25.9	32.0	31.0	28.7	36.5	31.9	32.8	34.2	35.3	32.4
				b. Plan to cut down	24.2	16.7	15.5	22.9	22.5	17.4	20.0	25.4	20.3	24.7	21.4
				c. Plan to stop	12.1	16.7	16.0	15.9	18.0	15.8	16.8	16.8	20.3	16.8	16.9
				b and c*						.3			.3	.2	.1
				d. Wasn't able to stop	17.2	22.4	16.0	20.3	20.5	20.1	20.8	19.0	20.0	18.3	19.5
				b and d*						.7	.5	.2	.8	.4	.3
				c and d*						1.3	.8	.5	.8	.4	.5
				e. No answer	22.2	18.4	20.4	10.0	10.2	7.9	9.2	5.2	3.5	3.8	8.8
				Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				N	(99)	(174)	(206)	(271)	(244)	(304)	(370)	(405)	(395)	(453)	(2921)

TABLE 13-4b. (cont.)

Amount smoked			Change in amt. smoked?	How feel about amt smoked?	Percentage of column (N's in parentheses)										
					Academic Aptitude (C-002)										
Code	Formerly	Now			Bottom tenth	2nd tenth	3rd tenth	4th tenth	5th tenth	6th tenth	7th tenth	8th tenth	9th tenth	Top tenth	All cases
7	>1 pack	>1 pack	?	a. Satisfied	9.8	12.9	24.6	26.7	22.7	16.3	17.2	26.9	27.1	25.8	22.7
				b. Plan to cut down	14.6	16.1	17.5	25.6	22.7	25.6	32.2	31.1	28.6	33.3	26.9
				c. Plan to stop	12.2	3.2	8.8	10.0	4.1	7.0	13.8	10.9	9.3	10.8	9.2
				b and c*							1.1				.1
				d. Wasn't able to stop	36.6	48.4	42.1	31.1	34.0	43.0	31.0	26.9	31.4	25.3	32.8
				b and d*				1.1	4.1		1.1		.7	.5	.8
				c and d*	2.4									.5	.2
				b, c, and d*					1.0				.7		.2
				e. No answer	24.4	19.4	7.0	5.6	11.3	8.1	3.4	4.2	2.1	3.8	6.9
				Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				N	(41)	(62)	(57)	(90)	(97)	(86)	(87)	(119)	(140)	(186)	(965)

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* Inferred meanings of combination answers:
b and c: Plan to cut down, and then to stop.
b and d: Tried to stop and wasn't able to, but plan to cut down.
c and d: Tried to stop and wasn't able to, but plan to try again.
b, c, and d: Tried to stop and wasn't able to, but plan to try again to cut down or stop.

Now let's look at the data on relation of smoking behavior to academic aptitude (C-002). It is clear from Table 13-3 that there are more non-smokers among the women in our former tenth-grade group than among the men. About 34 percent of the men and about 50 percent of the women report they have never smoked. Table 13-3 shows the relation between amount smoked and general verbal intelligence (of the kind represented by the TALENT Academic Aptitude composite, C-002). For men there seems to be a clear relationship between never having smoked and academic aptitude. There is a general upward trend in the percentage who report they have never smoked, ranging from 28 percent of those in the bottom tenth to 41 percent of those in the top tenth. For women, on the other hand, no such trend is evident. At all levels of intelligence about 50 percent of the women are in the "never smoked" category. But in categories 1 and 4, the two categories for people who used to smoke but have stopped, for the women there is a slight upward trend in percentages as academic aptitude score increases; for men no such trend is apparent.

Tables 13-4a and 13-4b (for men and women respectively) show the percentage distributions of responses to questionnaire Item 19c, "How do you feel about the amount you smoke?" for groups homogeneous with respect to smoking pattern (i.e., Item 19a) and academic aptitude. Those that never smoked or that have given up smoking are omitted from this table since most of the Item 19c options are unsuitable for them and also since the "never smoked" group had been instructed to omit 19c. Inspection of these tables reveals few trends, but no clear relation in the expected direction between a person's level of general intelligence and his attitude towards his own smoking. Insofar as there is any relationship at all it appears to be in the direction of increased complacency, or perhaps just more successful rationalization. In other words there seems to be a tendency, particularly among the women, for the higher-scoring among the more-than-a-pack-a-day smokers to be more likely than their contemporaries with lower academic aptitudes to claim that they are "quite satisfied" with the amount they smoke. Possibly counteracting this to some degree is the tendency, noticeable for the women but not for the men, that the higher-scoring (on C-002) of the more-than-a-pack-a-day smokers are more likely to say they plan to cut down than are the lower-scoring ones (though the latter are a bit more likely to report unsuccessful efforts to stop smoking entirely).

Summary

The major findings, based on the follow-up of 10th-graders, may be summarized as follows:

1. For those that smoke, the average age of starting is just under 17 for boys and about $17\frac{1}{2}$ for girls.
2. There is a tendency for the smokers who start earliest to become the heaviest smokers.
3. Men, at least in the age group under consideration, about 23, smoke more than women on the average. About half of the women report they are nonsmokers and always have been, while only about a third of the men report this.
4. Among women there is no relation between being a nonsmoker and level of general academic aptitude.
5. Among men there is a slight but definite tendency for those at the higher levels of academic aptitude to be more likely never to have smoked than those at the lower levels.
6. On the whole however there is curiously little relationship between amount smoked and general academic ability (which of course is very closely related to "general intelligence" or IQ).
7. There is probably even less relationship among the smokers between a smoker's intelligence and his expressed attitude towards his own smoking. Although some slight trends are observable some of them are in the wrong direction--i.e. in the direction that smoking meets with more favor among those with high C-002 scores than among those with low scores. Thus there is little evidence that the attitude of the smoker towards his smoking is formed as a result of his bringing his intelligence to bear on the issue.

In view of the very slight role scholastic ability or IQ seems to play in determining whether one will become a smoker or not some effort should be made in future research to discover what traits of background and temperament are associated with this behavior. Research utilizing the Student Activities Inventory (the personality inventory in the TALENT battery) and the Student Information Blank (the background inventory) in conjunction with follow-up questionnaire items about smoking behavior should be included in the plans for future studies utilizing TALENT data.

Health organizations that develop anti-tobacco advertisements or run anti-tobacco campaigns should probably develop some materials that will appeal more to the emotions than to the intellect.

Chapter 14. SUMMARY

The initial phase of Project TALENT consisted in administering a comprehensive battery of tests to over 400,000 high school students in grades 9 through 12; this testing took place in 1960. The overall design for Project TALENT called for following up these students by means of questionnaires, one, five, ten, and twenty years after graduation of their high school classes.

A representative sample of all high school students throughout the United States was obtained, by selecting a stratified random sample of all secondary schools and testing all students in grades 9-12 in these schools. The tests administered in 1960 consisted of numerous aptitude and achievement tests and three questionnaires concerning background information about the student, his occupational interests, and his personality. Many later analyses were based on 109 variables derived from the battery--64 cognitive variables and 45 noncognitive variables. The follow-up questionnaires for each class differed somewhat, but they contained a common core of items seeking information relevant to the study of education after high school, jobs, and career plans. About one-third of the original sample returned the five-year follow-up questionnaires. It was therefore necessary to obtain responses from a representative sample of the remaining nonrespondents. A representative sample was selected (about 4 per cent), and these nonrespondents were located and contacted to secure their answers to the questionnaire items. These answers were then weighted appropriately. In all, about 141,000 cases were available for study in the five-year follow-up, of whom about 130,000 were in the probability sample. These latter can be used to derive essentially unbiased estimates for each grade.

After the questionnaires were returned and preliminary processing was completed, responses were put on IBM cards and then transferred to tape. For some purposes "purified" groups were developed, by eliminating individuals whose responses make it extremely unlikely that their career plans will ever be realized. For example, an individual who says that he wishes to be a doctor but has not entered college five years after finishing high school would be eliminated from the purified group of prospective doctors.

One of the considerations of the Project TALENT five-year follow-up was the post-high school educational attainments of students five years after graduation. The sample consisted of about 35,000 persons who had been high school seniors in 1960 and who responded to the five-year questionnaire. Because it could not be assumed that these persons were a random sample of the total population of 1960 seniors, their responses were appropriately weighted, to produce population estimates in cases where they were desired.

Students with higher academic aptitude and socioeconomic status obtain more education; this is true for both sexes. However, the amount of training and education at less than the college level decreases as aptitude and status increase, while training at the college level and above increases with higher aptitude and status. Also, the influence of academic aptitude is generally greater than that of socioeconomic status. Although a greater percentage of males than females enter college, of those who do enter, a larger percentage of females graduate within five years. Students from the lowest-status, highest-aptitude groups are just as likely to enter college as students from the highest-status, middle-aptitude group. Academic aptitude and socioeconomic status influence the student's probability of entering college, but they are even more strongly related to whether a student will graduate from college. An important implication of these findings is that it is not enough only to create opportunities for lower-status students to enter college; programs must be available which will make it possible for them to graduate. According to the present data, if aptitudes are equal, the high-status student is much better off.

Another object of the Project TALENT follow-ups is the comparison of occupational choices of high school students and their choices one year and five years after graduation. For males there are definite shifts in choices. Although in grades 11 and 12 one boy in five indicated his wish to enter a career in engineering or physical science, only one in fifteen made this choice five years later. For girls, the most marked trend is the increase in numbers of girls who indicate that they plan to be mainly housewives. It is evident, however, that many of the shifts which will take place in occupational choice have occurred by the time of the one-year follow-up, though these trends continue at the time of the five-year questionnaire.

The results indicate that there is little stability of career choice over the five-year period after high school, and only about one student in five enters the occupation he chose in high school. It is interesting to note, however, that although very few students who choose a given occupation in high school end up in that occupation, a considerable proportion of the students who enter certain occupations had decided to do so while in high school. For instance, although only 15% of boys choosing engineering in high school chose that occupation five years later, more than half of those who chose engineering after five years had indicated it as their choice in high school.

The results show that there is no particular tendency for students who change careers to move to a career closely related to the one chosen in high school. Careers seem to be chosen in accordance with the overall popularity of various occupations.

This instability of career plans during the period after high school indicates a need for a more accurate way of predicting students' careers. The wide variety of traits of high school students assessed by Project TALENT proved useful for this purpose, and analyses were made to determine the relationships between traits exhibited in high school and subsequent choice of occupation, as well as the predictive efficiency of these traits and the predictive efficiency of expressed occupational choice.

First, point biserial correlations were computed between each of the 109 test scores and each follow-up occupation choice, and then multiple point biserial correlations with the follow-up occupational choices were computed separately for the 64 cognitive and 45 noncognitive scores, and for the combined battery of 109 scores. The results indicate that many of the multiple point biserials are close to the maximum possible point biserial for a given occupation. When all occupations are considered, the predictive accuracies of the cognitive and noncognitive batteries differ only slightly.

The predictive validities of expressed occupational choices were determined by computing phi coefficients between choice of each occupation in high school and choice of the same occupation on the five-year follow-up. These coefficients generally range from low to moderate.

Multiple point biserial correlations were computed between the test batteries and 37 broad categories of follow-up occupation choice. The point biserials range from low to moderate, but they are somewhat higher than correlations with highly specific occupations. Results indicate that the cognitive and noncognitive tests have roughly equivalent validities, but there may be a very small advantage for the noncognitive tests. It appears that the tests have substantial validity for predicting occupational choice five years after high school graduation, and this validity is sufficient to justify their use in counseling individuals.

In order to help high school guidance counselors to advise the student concerning the job families for which he seems most suited in terms of aptitudes and interests, it seemed advisable to collapse the large number of categories to which job choices were originally assigned into a smaller number. This was done as a matter of convenience, but also because some of the less usual career fields had only small numbers of individuals in them, and they probably would not provide stable data unless combined with other fields. A hierarchical analysis, described in Chapter 5, was used to establish tentative job clusters using the cognitive test data, and these clusters were changed or eliminated if the noncognitive data did not confirm them. This procedure, combined with a modified form of d-square analysis, reduced the number of career plan groups to 19 clusters. The conventional d-square analysis is based on the squared geometric distance between the centroid for each occupation in the space defined by the variables involved and every other occupational centroid. The modified procedure weights each dimension in accordance with its relevance in determining the squared distance. Only 11 of these 19 clusters contained at least four groups. On the other hand, there were a few jobs which clustered in more than one job family. Computer programmer, which fell into three separate job families, is an example of this situation.

The fact that so many jobs did not fall into tight clusters is perhaps more of a comment on the illogicality of many young people's career choices than on hierarchical methodology. There appears to be no clear hierarchical structure underlying the career groups; this in turn suggests that many young people are ignoring their aptitudes, temperament, and even their interests in choosing their life-work. On the other hand a somewhat more optimistic interpretation is also suggested. Since the patterns of aptitudes and abilities that characterize various jobs are perhaps almost as diverse as the corresponding patterns for people, almost everyone should be able to find a career field that fits his abilities and interests. As for the hierarchical method itself, it proved useful in providing insights into interrelationships among various career categories, but considerable subjective judgment is necessary to determine practical and useful groups.

In addition to these statistical attempts to develop occupational clusters, an effort was made to develop a practical occupational grouping which the student could use in planning his career. Basic features of the grouping included whether or not occupations within the group require college training, the type of high school courses required for the job, the apprenticeship, the training, or the college course necessary for an occupation, the student's academic ability level, his special abilities for dealing with mathematical concepts, spatial relations, clerical skills, his interests, and special aptitudes for music, art, or theatre. On the basis of these considerations, a tentative definition of 12 groups was arrived at.

Students who replied to the five-year follow-up questionnaire were grouped according to the occupation which they planned to make their career. These groups were purified to include only those students who were making reasonable progress toward their chosen career, and occupations chosen by less than ten males or females in any one class were eliminated. Means and standard deviations were calculated for the 109 variables and were inspected to determine whether the 12 job families arrived at were in fact homogeneous. Another check consisted of examining point-biserial correlation coefficients between each of the variables and each of the occupational groups. The final check consisted of comparing the d-square values between an occupation and other occupations within the group in which it was classified and the d-square values for the occupation as compared with each of the other occupations in the other 11 groups. On the basis of these checks, 12 final job groups were established.

When the multiple correlations are adjusted to eliminate the effect of group size, it becomes evident that the results for 11th and 12th grade students are similar. It is also evident that predicting future membership in a particular group on the basis of the noncognitive variables is as effective as the use of the cognitive variables, and in some cases, such as physician, clergyman, lawyer, and musician, the noncognitive variables are of greater predictive value. By observing the mean scores for members of occupational groups for the 109 variables, one can see that there are marked similarities in the characteristics of the students who five years after graduation from high school are entering occupations within a particular group, and furthermore that there are real differences among the types of students who enter occupations in the 12 groups. By use of all 109 variables the level of predictive effiency in predicting membership in a given occupational group is about .60 in terms of adjusted multiple point biserial coefficients.

The use of multiple point biserial correlation is limiting in that it leaves no room for averages scores to have much effect on the composite. This situation is unfortunate because an average score often indicates that an individual is suited for a given occupation, whereas if his score were particularly high or low, he would not be suited for the occupation. A new technique, called propinquity analysis, was therefore developed to supplement, though not to supplant, the use of multiple point biserial correlation. The mathematical procedure is described in chapter 7. It gives due weight not only to very high or very low scores but also to average or near-average scores when they are relevant. This method should be useful in counseling students concerning their suitability for an occupation because it facilitates explaining to the student exactly what the constituents are that make up his index--in other words on which variables that are heavily weighted his score is distant from the occupational centroid, thus reducing his similarity, on a relevant variable, to the members of the group.

In 1960 the Project TALENT questionnaires asked questions about the student's contact with his high school guidance program, and the responses to these questions were used to determine the influence of counselor contacts on a student's decisions concerning his plans after high school. Analysis of the replies indicates that failure to obtain education after high school is related inversely to discussion of college with a guidance counselor. College attendance is positively related to discussing college with a counselor, but dropping out of college is also positively related to discussing college, especially among females, and this situation indicates that counselors are not successful in discouraging students who are not college material from attending college. On the other hand, discussing jobs with a guidance counselor is not related to future educational decisions. This points to a weakness in the counseling system, because there are many jobs which require post-high-school training, but less than a college education, but evidently students who discuss jobs with their counselors are not being informed of these opportunities.

The responses were also analyzed with regard to academic aptitude, socioeconomic status, and high school curriculum followed by the student. Students who have not attended college tend to come from the lower socioeconomic groups and to have less academic aptitude. However, students who drop out of college are distributed evenly throughout these groups, and this indicates that a proportionately larger number from lower socioeconomic groups drop out. Counselors should make greater efforts to find suitable colleges and scholarship help for these students.

In regard to high school curriculum, there is a strong tendency for college-preparatory students to attend college, and for students in terminal curricula not to attend college, but once they have entered, students from non-college-prep courses are more likely than others to leave college without graduating. It is interesting to note that there is no evidence that discussion of college or jobs with a guidance counselor is systematically related to satisfaction with college- or job-related decisions. However, among those high school students that did not receive any additional education after high school, those who were in non-college-prep courses express the greatest regrets that they did not attend college. This is true for both sexes. Among males, regret at not having gone to college increases with increasing academic aptitude.

Although a student with high academic aptitude stands a good chance of going to college no matter what curriculum he has followed in high school, being in a nonacademic curriculum does hurt his chances somewhat. In fact, in many situations high school curriculum may be a more potent factor than academic aptitude in deciding whether a student will attend college. Socioeconomic status is also important, especially for girls, and for two students of equal academic aptitude, the one from a higher socioeconomic status is more likely to go to college. For students in the highest academic aptitude group, however, this difference is less than for those with only average aptitudes. With regard to graduate work, fewer women than men seek graduate degrees.

All three Project TALENT questionnaires--the one given in high school, the one-year follow-up, and the five-year follow-up--included a question about anticipated or actual college major, and the replies were analyzed with regard to choice of and success in various college majors for the 11th and 12th grade samples. This analysis consisted of the correlation of scores from the TALENT test battery with choice of and success in various college majors. Success was measured on the basis of the students' own reports of their grade point averages. In the choice of major, 31 test scores were used--the TALENT Verbal Composite, Quantitative Composite, Technical Composite, vocational interest tests, personality tests, and measure of socioeconomic status. Correlations with choices of major are multiple point biserials, while correlations with grade point average are multiple product-moment correlations. There are ceiling effects on the point biserials as a result of the small number of students choosing any particular major field.

The results of these analyses indicate that the test scores are valid predictors of a student's final college major. Many students end up majoring in a different field from the one which they indicated as their choice while in high school, and the test scores identify these "recruits" rather well. The student's expressed choice in high school is roughly as accurate as his test score in predicting his final major in college. This conclusion is not surprising because this choice is the basis for selecting a major until or unless new information or conditions change it.

Additional analyses were made on the similarity of the validities of all predictors against the various criteria. The results show that there is considerable similarity among the predictors of choice at different points in time. The most important trend is the relatively low degree of similarity between the predictors of choice and the predictors of success. In some cases predictors of choice are related negatively to predictors of success, and this situation suggests that choice is not always a satisfactory substitute for a measure of success. In general, the best predictor of choice of a given major is likely to be the student's interests, and the best predictor of success is likely to be academic aptitude. Guidance counselors should make use of this information in counseling students.

The grade 12 five-year follow-up questionnaire included a series of questions regarding the individual's progress in his chosen career field, his regrets about decisions made in high school and later, and the salary he was earning in his job. The responses to these questions indicate that education, or lack of it, is strongly related to satisfaction or regret. For women, holding a job in the chosen career field is as conducive to satisfaction as education or training is for men. Those individuals who feel that they have made no progress toward achieving their career goals seem to express regrets about almost everything. Very few respondents who went to college regret doing so, but a sizable number who did not go wish that they had. However, there are still substantial numbers who did not go to college and are not unhappy that they did not. About half of those who dropped out of high school regret that they did so.

From the answers to the questions about salary, it was possible to construct tables showing salaries earned five years after high school in relation to amount of education, sex, and type of job. In general, it could be concluded that men's yearly salaries are about $600 higher than women's; men with some college education earn about $400 to $500 more per year than men who did not go to college; and women who have been to college earn about $1000 more per year than women who did not attend college.

Project TALENT data were also used to analyze the smoking habits of young people five years after they were graduated from high school. In this analysis the relation between the amount smoked and academic ability was investigated. The results show that the average age of starting to smoke is just under 17 for boys and about 17-1/2 for girls. The earlier one starts to smoke the more likely one is to become a heavy smoker. At the age of about 23, more men than women smoke. For women there is no relation between academic ability and being a smoker or nonsmoker, whereas for men there is a slight tendency for those with higher academic ability never to have smoked. There is also little relationship between a smoker's intelligence and his expressed attitude towards smoking; the only observable trend is a slight one for those with higher intelligence who do smoke to be _more_ satisfied with their smoking habits.

To sum up, most of the research presented in this report has dealt with post-high-school education (who gets it, what kind, and how appropriate it seems to be), jobs, long-range career plans, and the interrelationships among all of these. Much of the research reported here has been conclusive; some has been inconclusive. We have every expectation that the next follow-up of these students will provide data that will produce conclusive answers on some of the important questions which are still unanswered--not only by our research but by life itself--five years after high school.

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APPENDIX A

THE FIVE-YEAR FOLLOW-UP QUESTIONNAIRES

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Development of the questionnaires shown in this appendix has been a cooperative effort of the entire research staff of Project TALENT. Present staff members who played major roles in the development of these questionnaires are John C. Flanagan and Marion F. Shaycoft; former staff members who made important contributions to this effort are Alan E. Bayer, Abraham Carp, William W. Cooley, Mark M. Greene, and Lyle F. Schoenfeldt.

A-3

12th Grade Five-Year Follow-up

UNIVERSITY OF PITTSBURGH
PITTSBURGH, PENNSYLVANIA 15213

October 8, 1965

Dear Project TALENT Alumnus:

In the spring of 1960, you participated in a national survey of high school students called Project TALENT. This study is part of the current national effort to improve American education. In 1961 you received a questionnaire from us. We want to thank you for your replies to our earlier questionnaire. Now we are calling on you again for help.

Never before in our country's history has education been such a major national concern. As President Johnson has said, "The first work of these times and the first work of our society is education." With your help, Project TALENT is trying to determine the strengths and weaknesses of our nation's schools so that recommendations for improvement can be made. In this questionnaire a section has been included so that you can tell us how well your school prepared you for an occupation that makes full use of your abilities, a satisfying life outside your work, and your role as a responsible citizen. Your evaluations will contribute a great deal to the improvement of education in this country.

We are very much interested in what has happened to you in the last five years. We would like to know if you have continued your education, or intend to; what jobs you've held; whether you have entered the military service; your career plans, etc. You can answer most of the questions by checking the choice that describes what you've been doing, although you should feel free to write in comments wherever you think some explanation is needed.

We want to emphasize that your answers to this questionnaire are strictly confidential; they will be used for research purposes only. We hope you'll answer all the questions, because the more complete your replies are, the more helpful they will be in this very vital research.

Many Project TALENT participants have written us that they are interested in learning more about the findings from the original Project TALENT tests and the one-year follow-up questionnaire. We try to keep Project TALENT participants informed through the Project TALENT News. We would welcome suggestions from you as to the sorts of things you would be interested in seeing in this publication. Your next copy of the Project TALENT News should reach you in a few days.

The members of the Project TALENT staff are most appreciative of your personal help. We wish you success in carrying out your plans.

Sincerely,

John C. Flanagan
Professor and Director of Project TALENT

JCF:mls

PLEASE CORRECT YOUR ADDRESS

If your present address or name is different from that on the label on the top of page 3, please correct the label, so that we can keep our record up to date. Please do not remove the address label.

PROJECT TALENT FOLLOW-UP SURVEY

PLEASE DO NOT WRITE IN THIS AREA

__ __ 1. Date of your birth ____ ____ ____
Month Day Year
__ __
__ __

2. Check One.
1 ☐ Male
2 ☐ Female
X

3. Did you get a high school diploma?
1 ____ ☐ Yes, when I graduated in ____ (year).
2 ____ ☐ Yes, I dropped out of school, but later returned and got my diploma in ____ (year).
3 ____ ☐ Yes, by examination or through correspondence school after I left high school. (year ____)
6 ____ ☐ No, I dropped out of school in ____ (year).
7 O ☐ No, I went through grade 12 but did not get a diploma.
XX

4. As of October 1, 1965, were you looking for a job?
1 ☐ Yes, a full-time job.
2 ☐ Yes, a part-time job.
3 ☐ No, I had a job.
4 ☐ No, I was in school and didn't want a job.
5 ☐ No, I am a housewife.
6 ☐ No, my health would not permit it.
7 ☐ No, for a reason not given above.
X

5. Did you have any paid job as of October 1, 1965?
100 ☐ No. (If this is your answer, skip Question 6 and go to Question 7.)
2** ☐ Yes, a part-time job.
3** ☐ Yes, a full-time job.
} Average no. of hours worked per week: ____ hours.
XXX

6. If you had a paid job as of October 1, 1965:

(a) What was this job called? ____

__ __ __ __ (b) What did you do on it? ____
____
____

(c) What was your pay (before deductions) when you first started on this job? (Please fill in ONE of the lines.)
5**** $ ____ per week
1**** or $ ____ per month
9**.** or $ ____ per hour
XXXXX

(d) What was your pay (before deductions) on that job as of October 1, 1965? (Please fill in ONE of the lines.)
5**** $ ____ per week
1**** or $ ____ per month
9**.** or $ ____ per hour
XXXXX

PLEASE DO NOT WRITE IN THIS AREA

(e) As of October 1, 1965, how long had you worked on that job?
1 ☐ Less than 2 months.
2 ☐ 2-6 months.
3 ☐ 6-12 months.
4 ☐ 1-2 years.
5 ☐ 2-4 years.
6 ☐ 4-6 years.
7 ☐ More than 6 years.
X

(f) Who was your employer on that job?
0 ☐ Private company with 100 or more employees.
1 ☐ Private company with fewer than 100 employees.
2 ☐ Family business.
3 ☐ Self-employed.
4 ☐ College or university or junior college.
5 ☐ Other educational institutions.
6 ☐ State or local government (except teaching)
7 ☐ Federal Government (U.S.)
8 ☐ Hospital, church, clinic, welfare organization, etc.
9 ☐ Other (Specify) ____
X

PLEASE DO NOT WRITE IN THIS AREA

(g) How do you feel about your present type of work?
4 ☐ Very satisfied with it.
3 ☐ Fairly satisfied with it.
2 ☐ Neither satisfied nor dissatisfied.
1 ☐ Rather dissatisfied with it.
0 ☐ Very dissatisfied with it.
X

(h) Do you plan to remain on this job for at least another year?
1 ☐ Yes.
2 ☐ No. I would like to change jobs, but continue to do the same type of work.
3 ☐ No. I would like to get a job in the same field, but at a more advanced level.
4 ☐ No. I would like to get a job in a different field.
X

7. How many full-time paid jobs have you held between June, 1960 and September 30, 1965? (Circle answer.)

__
X None 1 2 3 4 5 6 7 8 More than 8

8. (a) What occupation do you plan to make your life work? Be as specific as possible. (For instance, if military service, specify type of work.)

__ __ __ __ ____
____
____

(b) What steps have you taken in this direction? Mark as many as apply.
☐ 8 a. I now have a regular job in this field.
☐ 4 b. I now have a job as a trainee in this field.
☐ 2 c. My present job may lead to work in this field.
__ ☐ 1 d. I am doing volunteer work in this field.
☐ 1 e. I have had special training or education in this field.
__ ☐ 0 f. None of the above.

(c) If you have had special training or education in this field, how or where did you get it? (Mark as many as apply.)
☐ 1 a. In high school.
☐ 2 b. In college as an undergraduate.
☐ 4 c. In graduate school or professional school after college.
__ ☐ 8 d. In some other kind of school, since high school.
☐ 1 e. An apprenticeship program.
☐ 2 f. On-the-job training (informal or formal).
__ ☐ 4 g. An informal program: reading or other independent study.
☐ 1 h. Some other way.
__ ☐ 0 i. I have had no special training or education in this field.

PLEASE DO NOT WRITE IN THIS AREA

9. (a) How many times have you married?
0 ☐ Never
1 ☐ Once
2 ☐ More than once
X

__ __ (b) When did you first marry? ____
Month Year
__ __

10. Your present marital status:
1 ☐ Single
2 ☐ Married
3 ☐ Separated
4 ☐ Divorced
5 ☐ Widowed
X

__ 11. How many children do you have? ____

__ 12. How old is your oldest child? ____

PLEASE DO NOT WRITE IN THIS AREA

13. **Please indicate your past and present status in regard to military duty. (Mark as many as apply.)**

(a) Was in	(b) Am now in	
		a. (Active Duty)
☐	☐	1. Air Force
☐	☐	2. Army
☐	☐	3. Navy
☐	☐	4. Marine Corps
☐	☐	5. Coast Guard
		b. (Reserves and National Guard)
☐	☐	1. Air Force Reserve
☐	☐	2. Army Reserve
☐	☐	3. Naval Reserve
☐	☐	4. Marine Corps Reserve
☐	☐	5. Coast Guard Reserve
☐	☐	6. Air National Guard
☐	☐	7. Army National Guard
		c. (ROTC)
☐	☐	1. Air ROTC
☐	☐	2. Army ROTC
☐	☐	3. Naval ROTC
☐	☐	**d. 0. None of the above**

O O
X X

14. **On October 1, 1965, were you on active military duty?**
4 ☐ Yes.
3 ☐ No, I have completed my military duty.
2 ☐ No, but I expect to enlist voluntarily.
1 ☐ No, but I expect to be drafted.
0 ☐ No, and I do not expect to be.

*** 15. **What is your social security number?**
**
****
(X's)

16. **Race:**
1 ☐ Oriental
2 ☐ White
3 ☐ Negro
9 ☐ Other (Please specify.): ____________
X

17. **Religion:**
1 ☐ Protestant
2 ☐ Catholic
3 ☐ Jewish
9 ☐ Other (Please specify.): ____________
0 ☐ None
8 ☐ I prefer not to answer this question.
X

PLEASE DO NOT WRITE IN THIS AREA

18. **Have you made any important decisions that you are sorry about now? (Mark as many as apply.)**
☐ 1 a. I wish I had taken additional educational training after high school to prepare me for a better job.
☐ 2 b. I wish I had graduated from high school instead of dropping out.
☐ 4 c. I'm sorry I didn't go to college.
☐ 8 d. I'm sorry I dropped out of college.
☐ 1 e. I wish I had never gone to college.
☐ 2 f. I'm sorry I didn't select a different college from the one I attended.
☐ 4 g. I wish I had chosen a different major field in college.
☐ 1 h. I'm sorry about the kind of work I decided to do.
☐ 2 i. I wish I hadn't been so young when I got married.
☐ 4 j. Other (Specify.) ____________
☐ 9 k. No, I am not sorry about any important decisions I've made.

PLEASE DO NOT WRITE IN THIS AREA

19. **Have you attended college (four-year college or junior college) since leaving high school?**
1 ☐ Yes, as a full-time student working towards a degree.
2 ☐ Yes, as a part-time student working towards a degree.
3 ☐ Yes, for informal, non-credit courses, or not working towards a degree.
4 ☐ No.
X

20. **Did you attend any other type of school?**
1 ☐ No.
2 ☐ Yes, a technical institute for electronics, drafting, computer programming, or something similar.
3 ☐ Yes, a school of nursing (3-year program).
4 ☐ Yes, a school of practical nursing.
5 ☐ Yes, a secretarial or business school.
6 ☐ Yes, a trade or apprentice school or vocational school.
7 ☐ Yes, an armed forces enlisted-man's school.
9 ☐ Other. (Please specify.) ____________
X

21. **Which of the following licenses, certificates, or diplomas have you obtained or do you plan to obtain?**
(Mark as many as apply.)

	(a) Have Rec'd.	(b) Plan to Obtain	
	☐	☐	1. Certificate based upon apprenticeship or on-the-job training. (Describe) ____________
	☐	☐	2. Certificate or license based upon correspondence or other specified courses. (Please describe.) ____________
	☐	☐	3. Trade school certificate.
(a)	☐	☐	4. Business school or secretarial diploma.
	☐	☐	5. Practical nursing certificate.
	☐	☐	6. RN (Registered Nurse)
(b)	☐	☐	7. Certificate from a technical institute.
	☐	☐	8. CPA (Certified Public Accountant).
X	☐	☐	0. None of the above.

PLEASE DO NOT WRITE IN THIS AREA

22. **Which of the following college degrees or diplomas have you earned or do you plan to earn?**
(Mark as many as apply.)

	(a) Have Rec'd.	(b) Plan to Obtain	
	☐	☐	0. None
	☐	☐	1. Junior college diploma (e.g. Associate in Arts, etc.)
	☐	☐	2. B.A., B.S., B.B.A., B.F.A. (e.g., B.A. in History, B.S. in Ed., etc.)
			2. Other bachelor's degree (Specify). ____________
	☐	☐	3. M.A. or M.S.
(a)	☐	☐	3 Other master's degree (Specify). ____________
	☐	☐	4. Ph.D. or Ed.D.
	☐	☐	5 LL.B. (law)
(b)	☐	☐	6. M.D. (medicine)
	☐	☐	7. D.D.S. (dentistry)
	☐	☐	8. Other professional degree (Specify) ____________
X	☐	☐	9. Other (Specify) ____________

ANSWER THE QUESTIONS IN THIS SECTION IF YOU HAVE ATTENDED OR ARE NOW ATTENDING A COLLEGE OR UNIVERSITY FOR CREDIT. IF NOT, PLEASE TURN TO PAGE 5 AND ANSWER QUESTIONS 32, 33, AND 34.

1, 0

23. What colleges or universities have you attended as an undergraduate? If you have already earned a bachelor's degree, please specify the degree, and the month and year received.' (Put the college you last attended or are now attending first.)

Name of College or University	City and State	(a) Dates Attended	(b) Degree Earned	(b) Date Mo.	Yr.

24. Students who have done or are doing graduate work should also complete the following, giving the name of the graduate or professional school they attended.

Name of University	Name of School	City and State	Dates Attended

PLEASE DO NOT WRITE IN THIS AREA

25. As an undergraduate, in which of the following areas was or is your major in college and which was (is) your minor? (If you did not have a formal minor, mark the other area in which you took the most courses.) Also, if you are a graduate student, what is your graduate major? (Mark ONE for each.)

(a) Undergraduate Major	(b) Undergraduate Minor	(c) Graduate Major	
☐	☐	☐	01. Mathematics
☐	☐	☐	02. Physical Sciences
☐	☐	☐	03. Biological sciences
☐	☐	☐	04. Psychology
☐	☐	☐	05. History
☐	☐	☐	06. Economics
☐	☐	☐	07. Social sciences (other)
☐	☐	☐	08. Social work
☐	☐	☐	09. English
☐	☐	☐	10. Foreign languages
☐	☐	☐	11. Fine Arts
☐	☐	☐	12. Music
☐	☐	☐	13. Philosophy
☐	☐	☐	14. Religion or Theology
☐	☐	☐	15. Law (Pre-Law)
☐	☐	☐	16. Medicine (Pre-Medicine)
☐	☐	☐	17. Dentistry (Pre-Dentistry)
☐	☐	☐	18. Nursing
☐	☐	☐	19. Other health professions
☐	☐	☐	20. Engineering
☐	☐	☐	21. Architecture
☐	☐	☐	22. Elementary education
☐	☐	☐	23. Physical education
☐	☐	☐	24. Education (other)
☐	☐	☐	25. Accounting
☐	☐	☐	26. Business and commerce
☐	☐	☐	27. Home Economics
☐	☐	☐	28. Agriculture or Forestry
☐	☐	☐	29. Some other (please specify.) ______
☐	☐		00. None – I do not intend to earn a bachelor's degree.
		☐	00. None – I am not doing graduate work.

X X

X X

X X

PLEASE DO NOT WRITE IN THIS AREA

26. Are you enrolled in a college or university this semester?

1 ☐ Yes, as an undergraduate, full-time
2 ☐ Yes, as an undergraduate, part-time
3 ☐ Yes, as a graduate student, full-time
4 ☐ Yes, as a graduate student, part-time
5 ☐ No
X

27. During the last year you were an undergraduate, did you also hold a job?

1 ☐ Yes. Average No. of hours worked per week: ______ hrs.
OOO ☐ No
XXX

28. Please indicate your present class status in college (or the highest level you have reached).

1 ☐ Freshman
2 ☐ Sophomore
3 ☐ Junior
4 ☐ Senior
5 ☐ I have already earned a bachelor's degree, and have not done any graduate work.
6 ☐ I have already earned a bachelor's degree, and am or have been a graduate student.
X

29. As an undergraduate, what is or was your average grade in your major subject, and in all subjects? (Please circle one in each row.)

Major subject:
A A– B+ B B– C+ C C– D+ D D– F

All subjects:
X X A A– B+ B B– C+ C C– D+ D D– F

11	10	09	08	07	06	05	04	03	02	01	00

Do not write in this space.

PLEASE DO NOT WRITE IN THIS AREA

30. Where did you get the funds for your undergraduate college education? (Include tuition and other expenses). (Mark as many as apply.)

☐ 1 a. Loans from the National Defense Education Act Loan Fund.
☐ 2 b. Loans from college loan funds
☐ 4 c. Loans from banks or other organizations
☐ 1 d. Loans from family or friends
☐ 2 e. Parents, family, trust fund, or friends
☐ 4 f. My own savings
☐ 1 g. Working while attending college
☐ 2 h. Scholarships or grants from college attended
☐ 4 i. Scholarships or grants from other sources
☐ 1 j. Other. Please specify: ______

31. Where did you live most of the time while attending college? (Mark an answer for each school year.)

(a) Fresh.	(b) Soph.	(c) Jr.	(d) Sr.	
☐	☐	☐	☐	1. At home – within an hour's commuting time.
☐	☐	☐	☐	2. At home – more than an hour's commuting time.
☐	☐	☐	☐	3. In a college dormitory.
☐	☐	☐	☐	4. In a fraternity or sorority house
☐	☐	☐	☐	5. Away from home in a rented room or apartment.
☐	☐	☐	☐	6. Away from home with friends or relatives.
☐	☐	☐	☐	9. Other. (Specify) ______
	☐	☐	☐	0. I didn't reach that year of college.

(a)
(b)
(c)
(d)
X

Project TALENT is a research study that will make recommendations for improving the education and guidance of American youth. On this page we should like to learn about your experiences and get your recommendations and suggestions.

PLEASE DO NOT WRITE IN THIS AREA

32. How well have the training and education you have obtained prepared you for an occupation that will make full use of your abilities?

4 ☐ Very well
3 ☐ Fairly well
2 ☐ Not very well
1 ☐ Rather poorly
0 ☐ Very poorly
X

Please explain your answer by describing the strong or weak points in this aspect of your education.

33. How well have the training and education you have obtained prepared you for a full and satisfying life outside of your work?

4 ☐ Very well
3 ☐ Fairly well
2 ☐ Not very well
1 ☐ Rather poorly
0 ☐ Very poorly
X

Please explain your answer by describing the strong or weak points in this aspect of your education.

PLEASE DO NOT WRITE IN THIS AREA

PLEASE DO NOT WRITE IN THIS AREA

34. How well have the training and education you have obtained prepared you for effective performance of your responsibilities as a citizen?

4 ☐ Very well
3 ☐ Fairly well
2 ☐ Not very well
1 ☐ Rather poorly
0 ☐ Very poorly
X

Please explain your answer by describing the strong or weak points in this aspect of your education.

ADDITIONAL COMMENTS

If you feel you would like to make additional comments on your experiences in high school and in the years since high school, please feel free to do so. Also, you may use this space to explain any of your previous answers.

PLEASE DO NOT WRITE IN THIS AREA

Please sign your name below and fill in the date.

Signature ____________________

Month __________ Day ______ Year ______

PLEASE CORRECT YOUR NAME AND ADDRESS

Please correct your name and address on the label on page 6. This helps us to keep your address file with us up to date.

After you have filled out the questionnaire, please fold the booklet so that our return address is on the outside and your corrected address label is on the inside. Then moisten the tab, seal the booklet, and drop it in a mailbox.

IT REQUIRES NO POSTAGE.

11th Grade - Five Year Follow-up Questionnaire

UNIVERSITY OF PITTSBURGH
PITTSBURGH, PENNSYLVANIA 15213

October 10, 1966

Dear Project TALENT Alumnus:

In the spring of 1960, you participated in a national survey of high school students called Project TALENT. This study is part of the current national effort to improve American education. In 1962 you received a questionnaire from us. We want to thank you for your replies to our earlier questionnaire. Now we are calling on you again for help.

Never before in our country's history has education been such a major national concern. With your help, Project TALENT is trying to determine the strengths and weaknesses of our nation's schools so that recommendations for improvement can be made. To do this, we need to know what has happened to you in the last five years. We would like to know if you have continued your education, or intend to; what jobs you've held; whether you have entered the military service; your career plans, etc. You can answer most of the questions by checking the choice that describes what you've been doing, although you should feel free to write in comments wherever you think some explanation is needed.

We want to emphasize that your answers to this questionnaire are strictly confidential; they will be used for research purposes only. We hope you'll answer all the questions, because the more complete your replies are, the more helpful they will be in this very vital research.

Many Project TALENT participants have written us that they are interested in learning more about the findings from the original Project TALENT tests and the one-year follow-up questionnaires. We try to keep Project TALENT participants informed through the Project TALENT News. We would welcome suggestions from you as to the sorts of things you would be interested in seeing in this publication. Your next copy of the Project TALENT News should reach you in a few days.

The members of the Project TALENT staff are most appreciative of your personal help. We wish you success in carrying out your plans.

Sincerely,

John C Flanagan

John C. Flanagan
Professor and Director of Project TALENT

JCF/c

PLEASE CORRECT YOUR ADDRESS

If your present address or name is different from that on the label on the top of page 6, please correct the label, so that we can keep our record up-to-date. Please do not remove the address label.

PROJECT TALENT FOLLOW-UP SURVEY

PLEASE DO NOT WRITE IN THIS AREA

__ __ 1 Date of your birth ____________________
Month Day Year
__ __
__ __

2. Check one:
1 Male
2 Female
X

3. Did you get a high school diploma?
1__12 Yes, when I graduated in ______ (year).
2__12 Yes, I left school, but later returned and got my diploma in ______ (year).
3__12 Yes, by examination or through correspondence school in ______ (year).
4__-__ __ No, I left school in ______ (year). The last grade
XXXX I completed was ______ (10, 11, 12).

4. Please answer this question only if you had a job or were looking for work in the period between October 1, 1965, and October 1, 1966. (Include military service.)

(a) How much did you earn between October 1, 1965, and October 1, 1966, in wages, salary, commissions, or tips from all jobs (before deductions)?
(Enter amount or check "None." If exact figure is not known, give best estimate.)
__ __ __
000 $ ______________ OR ☐ NONE
XXX (Dollars Only)

(b) How much did you earn between October 1, 1965, and October 1, 1966, in profits or fees from working in your own business, professional practice, partnership, or farm? Please give net income after business expenses.
(Enter amount or check "None." If exact figure is not known, give best estimate. If business or farm lost money, write "Loss" after amount.)
__ __ __ __
0000 $ ______________ OR ☐ NONE
XXXX (Dollars Only)

PLEASE DO NOT WRITE IN THIS AREA

(c) How many weeks did you work between October 1, 1965, and October 1, 1966, either full-time or part-time? Count paid vacation and paid sick leave as weeks worked.
(If exact figure is not known, give best estimate.)
__ __
XX ______________ Number of weeks worked.

(d) How many weeks were you unemployed (without a job, but looking for work) between October 1, 1965, and October 1, 1966?
(If exact figure is not known, give best estimate.)
__ __
XX ______________ Number of weeks unemployed.

5. As of October 1, 1966, were you looking for a job (whether or not you had one)?
1 ☐ Yes, I was looking for a full-time job.
2 ☐ Yes, I was looking for a part-time job.
3 ☐ No.
X

PLEASE DO NOT WRITE IN THIS AREA

6. Did you have any paid job as of October 1, 1966? (Consider active military duty as a full-time job.)
1** ☐ Yes, a part-time job. } Average no. of hours worked
2** ☐ Yes, a full-time job. } per week: ______ hours.
300 ☐ No, I was in school.
400 ☐ No, I am a housewife.
500 ☐ No, my health would not permit it.
600 ☐ No, for a reason not given above.
XXX

7. (a) Did you have any personal income between October 1, 1965, and October 1, 1966, which you did not earn from your work?
1 ☐ No.
2 ☐ Yes, but it was an unimportant part of my total income.
3 ☐ Yes, it was an important part of my total income.
4 ☐ Yes, it was my total income.
X

(b) If you answered "Yes" to Question 7 (a), please check the source(s) of this income:
☐ 1 a. GI Bill.
☐ 2 b. Scholarships, fellowships, etc.
__ ☐ 4 c. Unemployment compensation, disability, insurance, welfare payments, etc.
☐ 1 d. Family or parental support.
☐ 2 e. Inheritance, trust, etc.
__ ☐ 4 f. Investments.
__ ☐ 9 g. Other ____________________

8. (a) What occupation do you plan to make your life work? Be as specific as possible. For instance, if military service, specify type of work. (If your answer is "Housewife," skip 8b and 8c.)
__ __ __ __ ____________________
____
____
____

PLEASE DO NOT WRITE IN THIS AREA

(b) What steps have you taken in this direction? Mark as many as apply.
☐ 1 a. I now have or have had a regular job in this field.
☐ 2 b. I now have or have had a job as a trainee in this field.
__ ☐ 4 c. My present job may lead to work in this field.
☐ 1 d. I am doing or have done volunteer work in this field.
☐ 2 e. I have had special training or education in this field.
__ ☐ 4 f. None of the above.

(c) If you have had special training or education in this field, how or where did you get it? (Mark as many as apply.
☐ 1 a. In high school.
☐ 2 b. In college as an undergraduate.
__ ☐ 4 c. In graduate school or professional school after college.
☐ 1 d. In some other kind of school, since high school.
☐ 2 e. An apprenticeship program.
__ ☐ 4 f. On-the-job training (informal or formal).
☐ 1 g. An informal program: reading or other independent study.
☐ 2 h. Some other way.
__ ☐ 4 i. I have had no special training or education in this field.

9. (a) How many times have you married?
0 ☐ Never.
1 ☐ Once.
2 ☐ More than once.
X (If "Never," skip to Question 13.)

—— **(b) When did you first marry?** ________ **(Year)**

PLEASE DO NOT WRITE IN THIS AREA

10. Your present marital status:
1 ☐ Married.
2 ☐ Separated.
3 ☐ Divorced.
4 ☐ Widowed.
X

—— **11. How many children do you have?** ________

—— **12. How old is your oldest child?** ________

***
**
****
(X's)

13. What is your social security number?

— — — — — — — — —

14. Race:
1 ☐ Negro
2 ☐ Oriental
3 ☐ White
9 ☐ Other (Please specify.) ________
X

15. Religion:
1 ☐ Catholic
2 ☐ Jewish
3 ☐ Protestant
9 ☐ Other (Please specify.) ________
0 ☐ None
8 ☐ I prefer not to answer this question.
X

PLEASE DO NOT WRITE IN THIS AREA

16. What would you have done differently if more information or guidance had been available?
☐ 1 a. I would have taken additional educational training after high school to prepare me for a better job.
☐ 2 b. I would have graduated from high school instead of dropping out.
☐ 4 c. I would have gone to college.
—— ☐ 8 d. I would not have dropped out of college.
☐ 1 e. I would never have gone to college.
☐ 2 f. I would have selected a different college from the one I attended.
—— ☐ 4 g. I would have chosen a different major field in college.
☐ 1 h. I would have gone into some other line of work.
☐ 2 i. I would not have gotten married so young.
—— ☐ 4 j. I would have entered military service earlier.
☐ 1 k. Other (Specify.) ________
____
—— ☐ 8 l. Nothing.

17. Have you attended college (four-year college or junior college) since leaving high school?
1 ☐ Yes, as a full-time student working towards a degree.
2 ☐ Yes, as a part-time student working towards a degree.
3 ☐ Yes, courses for credit, but not working towards a degree.
4 ☐ Yes, for informal, non-credit courses.
5 ☐ No.
X

18. Did you attend any other type of school?
1 ☐ No.
2 ☐ Yes, a technical institute for electronics, drafting, computer programming, or something similar.
3 ☐ Yes, a school of nursing (2- or 3-year program leading to an RN).
4 ☐ Yes, a school of practical nursing.
5 ☐ Yes, a secretarial or business school.
6 ☐ Yes, a trade or apprentice school or vocational school.
7 ☐ Yes, an armed forces enlisted-man's school.
9 Other. (Please specify.) ________
X

PLEASE DO NOT WRITE IN THIS AREA

19. Which of the following licenses, certificates, or diplomas have you received or do you plan to obtain? (Mark as many as apply.)

	(a) Have Rec'd.	(b) Plan to Obtain	
	☐	☐	1. Certificate based on apprenticeship or on-the-job training. (Describe) ________
	☐	☐	2. Teacher's certificate issued by the state.
——	☐	☐	3. Trade school certificate.
(a)	☐	☐	4. Business or secretarial school diploma.
——	☐	☐	5. Practical nursing certificate.
(b)	☐	☐	6. RN (Registered Nurse).
	☐	☐	7. Certificate from a technical institute.
X	☐	☐	8. CPA (Certified Public Accountant).
X	☐	☐	9. Other certificate or license based upon a course of study. (Describe) ________

PLEASE DO NOT WRITE IN THIS AREA

20. Which of the following college degrees or diplomas have you earned or do you plan to earn? (Mark as many as apply.)

	(a) Have Earned	(b) Plan to Earn	
	☐	☐	0. None.
	☐	☐	1. Junior college diploma (e.g., Associate in Arts, etc.)
	☐	☐	2. B.A., B.S., B.B.A., B.F.A., (e.g., B.A. in History, B.S. in Ed., etc.)
	☐	☐	2. Other bachelor's degree (Specify.) ________
——	☐	☐	3. M.A. or M.S.
(a)	☐	☐	3. Other master's degree (Specify.) ________
——	☐	☐	4. Ph.D. or Ed.D.
(b)	☐	☐	5. LL.B. (law)
	☐	☐	6. M.D. (medicine)
X	☐	☐	7. D.D.S. (dentistry)
	☐	☐	8. Other professional degree (Specify.) ________
X			
	☐	☐	9. Other (Specify.) ________

IF YOU HAVE ATTENDED OR ARE NOW ATTENDING A COLLEGE OR UNIVERSITY FOR CREDIT, PLEASE ANSWER THE QUESTIONS ON PAGE 4, AND THEN GO ON TO PAGE 5.

IF YOU HAVE NOT ATTENDED COLLEGE, PLEASE TURN TO PAGE 5.

21. What colleges or universities have you attended as an undergraduate? If you have already earned a bachelor's degree, please specify the degree, and the month and year received. (Put the college you last attended or are now attending first.)

1, 0

Name of College or University	City and State	(a) Dates Attended	(b) Degree Earned	(b) Date Mo.	Yr.

22. Students who are doing or have done graduate work should also complete the following, giving the name of the graduate or professional school they are attending or have attended.

Name of University	Name of School	City and State	Dates Attended

PLEASE DO NOT WRITE IN THIS AREA

23. As an undergraduate, in which of the following areas was or is your major in college and which was (is) your minor? (If you did not have a formal minor, mark the other area in which you took the most courses.) Also, if you are a graduate student, what is your graduate major? (Mark ONE for each.)

(a) Undergraduate Major	(b) Undergraduate Minor	(c) Graduate Major	
☐	☐	☐	01. Mathematics
☐	☐	☐	02. Physical Sciences
☐	☐	☐	03. Biological Sciences
☐	☐	☐	04. Psychology
☐	☐	☐	05. History
☐	☐	☐	06. Economics
☐	☐	☐	07. Political Science
☐	☐	☐	08. Social sciences (other)
☐	☐	☐	09. Social work
☐	☐	☐	10. English
☐	☐	☐	11. Foreign languages
☐	☐	☐	12. Humanities
☐	☐	☐	13. Fine Arts
☐	☐	☐	14. Music
☐	☐	☐	15. Philosophy
☐	☐	☐	16. Religion or Theology
☐	☐	☐	17. Law (Pre-Law)
☐	☐	☐	18. Medicine (Pre-Medicine)
☐	☐	☐	19. Dentistry (Pre-Dentistry)
☐	☐	☐	20. Nursing
☐	☐	☐	21. Other health professions
☐	☐	☐	22. Engineering
☐	☐	☐	23. Architecture
☐	☐	☐	24. Elementary education
☐	☐	☐	25. Physical education
☐	☐	☐	26. Education (other)
☐	☐	☐	27. Library Science
☐	☐	☐	28. Accounting
☐	☐	☐	29. Business and Commerce
☐	☐	☐	30. Home Economics
☐	☐	☐	31. Agriculture or Forestry
☐	☐	☐	32. Some other (please specify.) ____________
☐	☐		00. None – I do not intend to earn a bachelor's degree.
		☐	00. None – I am not doing graduate work.

X X

X X

X X

PLEASE DO NOT WRITE IN THIS AREA

24. Are you enrolled in a college or university this semester (fall, 1966)?

1 ☐ Yes, as an undergraduate, full-time.
2 ☐ Yes, as an undergraduate, part-time.
3 ☐ Yes, as a graduate student, full-time.
4 ☐ Yes, as a graduate student, part-time.
5 ☐ Yes, postgraduate study not for a degree (either full- or part-time).
6 ☐ No.
X

PLEASE DO NOT WRITE IN THIS AREA

25. Please indicate your present class status in college (or the highest level you have reached).

1 ☐ Freshman
2 ☐ Sophomore
3 ☐ Junior
4 ☐ Senior
5 ☐ I have already earned a bachelor's degree, and have not done any graduate work toward an advanced degree.
6 ☐ I have already earned a bachelor's degree, and am or have been a graduate student working toward an advanced degree.
X

26. As an undergraduate, what is or was your average grade in your major subject, and in all subjects? (Please circle one in each row.)

Major subject:

A A− B+ B B− C+ C C− D+ D D− F

X X

All subjects:

A A− B+ B B− C+ C C− D+ D D− F

X X

11	10	09	08	07	06	05	04	03	02	01	00
Do not write in this space											

27. During the last year you were an undergraduate, did you also hold a job?

1 __ __ ☐ Yes. Average no. of hours worked per week: ____ hours.
000 ☐ No.
XXX

PLEASE DO NOT WRITE IN THIS AREA

28. Where did you get the funds for your undergraduate college education? (Include tuition and other expenses.) (Mark as many as apply.)

☐ 1 a. Loans from the National Defense Education Act Loan Fund.
☐ 2 b. Loans from college loan funds.
☐ 4 c. Loans from banks or other organizations.
☐ 1 d. Loans from family or friends.
☐ 2 e. Parents, family, trust fund, or friends.
☐ 4 f. My own savings.
☐ 1 g. Working while attending college.
☐ 2 h. Scholarships or grants from college attended.
☐ 4 i. Scholarships or grants from other sources.
☐ 1 j. GI Bill.
☐ 2 k. War Orphans Act.
☐ 4 l. Other. Please specify: ____________

29. We need to know about the full-time jobs you have had since high school. Please list your full-time jobs from the first job after high school to the last or present one. List active duty in the military service as a job, and tell what type of work you did in the service. It is all right to have overlap in dates if you had two full-time jobs at one time. More than one line can be used for describing a particular job.

DATES From (mo./yr.)	To* (mo./yr.)	JOB TITLE (What was this job called?)	JOB DESCRIPTION (What did you do on the job?)	REASON FOR LEAVING

*For your present job, leave this column blank.

ADDITIONAL COMMENTS

If you would like to make any additional comments concerning your work experiences, please feel free to do so. We are also interested in comments about any of the decisions you made either in high school or after high school.

PLEASE DO NOT WRITE IN THIS AREA

30. If you are presently working, do you plan to remain on this job for at least another year?

1 ☐ Yes.
2 ☐ No, I would like to change jobs, but continue to do the same type of work.
3 ☐ No, I would like to get a job in the same field, but at a more advanced level.
4 ☐ No, I would like to get a job in a different field.
5 ☐ No, for some other reason.
X

§ § § § §

Please sign your name below and fill in the date.

Signature ____________________

Date ____________________
Month Day Year

PLEASE CORRECT YOUR NAME AND ADDRESS

Please correct your name and address on the label on page 6. This helps us to keep your address file up-to-date.

After you have filled out the questionnaire, please fold the booklet so that our return address is on the outside and your corrected address label is on the inside. Then moisten the tab, seal the booklet, and drop it in a mailbox.

IT REQUIRES NO POSTAGE.

A-15

10th grade 5-year follow-up

AMERICAN INSTITUTES FOR RESEARCH
and
UNIVERSITY OF PITTSBURGH

October 2, 1967

Dear Project TALENT Alumnus:

In the spring of 1960, you participated in a national survey of high school students called Project TALENT. This study is part of the continuing national effort to improve American education. We want to thank you again for your previous participation in this important national project. Now we are calling on you once more for help. About 200,000 young Americans who were in the eleventh or twelth grade in 1960 have already been included in this current series of questionnaire follow-ups. Now we are calling on those of you who were in the tenth grade.

Never before in our country's history has education been such a major national concern. With your help, Project TALENT is trying to determine the strengths and weaknesses of our nation's schools so that recommendations for improvement can be made. To do this, we need to know what has happened to you in the last five years. We would like to know if you have continued your education, or intend to; what jobs you've held; whether you have entered the military service; your career plans, etc. You can answer most of the questions by checking the choice that describes what you've been doing, although you should feel free to write in comments wherever you think some explanation is needed.

We want to emphasize that your answers to this questionnaire are strictly confidential; they will be used for research purposes only. We hope you'll answer all the questions, because the more complete your replies are, the more helpful they will be in this very vital research.

Many Project TALENT participants have written us that they are interested in learning more about the findings from the original Project TALENT tests and the one-year follow-up questionnaires. We try to keep Project TALENT participants informed through the Project TALENT News. We would welcome suggestions from you as to the sorts of things you would be interested in seeing in this publication. Your next copy of the Project TALENT News should reach you in a few days.

The members of the Project TALENT staff are most appreciative of your personal help. We wish you success in carrying out your plans.

Sincerely,

John C. Flanagan

John C. Flanagan
Director of Project TALENT

JCF/c

PLEASE CORRECT YOUR ADDRESS

If your present address or name is different from that on the label on the top of page 6, please correct the label, so that we can keep our record up-to-date. Please do not remove the address label.

PROJECT TALENT FOLLOW-UP SURVEY

PLEASE DO NOT WRITE IN THIS AREA

__ __ 1. Date of your birth ______________________________
Month Day Year
__ __
__ __

2. Check one:
1 ☐ Male
2 ☐ Female
X

3. Did you get a high school diploma?
1_12 ☐ Yes, when I graduated in ________(year).
2_12 ☐ Yes, I left school, but later returned and got my diploma in ________(year).
3_12 ☐ Yes, by examination or through correspondence school in ________(year).
4_-_ _ ☐ No, I left school in __________(year). The last grade
XXXX I completed was _________ (9, 10, 11, 12).

4. Please answer this question only if you had a job or were looking for work in the period between October 1, 1966, and September 30, 1967. (Include military service.)

(a) What were your total earnings between October 1, 1966, and September 30, 1967, before deductions and taxes? Include as earnings wages, salary, commissions, or tips from all jobs; also, profits or fees from working in your own business, professional practice, partnership, or farm.

(Enter amount or check "None." If exact figure is not known, give best estimate.)

__ __ __ 000 $ _______________ OR ☐ NONE
XXX (Dollars Only)

(b) How many weeks did you work between October 1, 1966, and September 30, 1967, either full-time or part-time? Count paid vacation and paid sick leave as weeks worked.
(If exact figure is not known, give best estimate.)
__ __
XX ____________Number of weeks worked.

PLEASE DO NOT WRITE IN THIS AREA

(c) How many weeks were you unemployed (without a job, but looking for work) between October 1, 1966, and September 30, 1967.
(If exact figure is not known, give best estimate.)
__ __
XX ____________Number of weeks unemployed.

5. As of September 30, 1967, were you looking for a job (whether or not you had one)?
1 ☐ Yes, I was looking for a full-time job.
2 ☐ Yes, I was looking for a part-time job.
3 ☐ No.
X

6. Did you have any paid job as of September 30, 1967? (Consider active military duty as a full-time job.)
1** ☐ Yes, a part-time job. } Average no. of hours worked
2** ☐ Yes, a full-time job. } per week: _________ hours.
300 ☐ No, I was in school.
400 ☐ No, I am a housewife.
500 ☐ No, my health would not permit it.
600 ☐ No, for a reason not given above.
XXX

7. If you had a paid job as of September 30, 1967:
(a) What was this job called? ____________________
_ _ _ _(b) What did you do on it? ____________________

PLEASE DO NOT WRITE IN THIS AREA

(c) Do you plan to remain on this job for at least another year?
1 ☐ Yes.
2 ☐ No, I would like to change jobs, but continue to do the same type of work.
3 ☐ No, I would like to get a job in the same field, but at a more advanced level.
4 ☐ No, I would like to get a job in a different field.
5 ☐ No, for some other reason.
X

8. How many full-time paid jobs have you held between June, 1962 and September 30, 1967? (Circle answer.)
__
X None 1 2 3 4 5 6 7 8 More than 8

9. (a) What occupation do you plan to make your life work? Be as specific as possible. For instance, if military service, specify type of work. (If your answer is "Housewife," skip 9b and 9c.)
_ _ _ _ ______________________________

PLEASE DO NOT WRITE IN THIS AREA

(b) What steps have you taken in this direction? Mark as many as apply.
☐ 1 a. I now have or have had a regular job in this field.
☐ 2 b. I now have or have had a job as a trainee in this field.
__ ☐ 4 c. My present job may lead to work in this field.
☐ 1 d. I am doing or have done volunteer work in this field.
☐ 2 e. I have had special training or education in this field.
__ ☐ 4 f. None of the above.

(c) If you have had special training or education in this field, how or where did you get it? (Mark as many as apply.)
☐ 1 a. In high school.
☐ 2 b. In college as an undergraduate.
__ ☐ 4 c. In graduate school or professional school after college.
☐ 1 d. In some other kind of school, since high school.
☐ 2 e. An apprenticeship program.
__ ☐ 4 f. On-the-job training (informal or formal).
☐ 1 g. An informal program: reading or other independent study.
☐ 2 h. Some other way.
__ ☐ 4 i. I have had no special training or education in this field.

10. Have you ever voted in a national, state, or local election?
20 ☐ No.
1 _ ☐ Yes, I first voted in 196_.
X X

PLEASE DO NOT WRITE IN THIS AREA

11. **Please indicate your past and present status in regard to military duty. (Mark as many as apply.)**

(a) Was in	(b) Am Now in	
		a. (Active Duty)
☐	☐	1. Air Force
☐	☐	2. Army
☐	☐	3. Navy
☐	☐	4. Marine Corps
☐	☐	5. Coast Guard
		b. (Reserves and National Guard)
☐	☐	1. Air Force Reserve
☐	☐	2. Army Reserve
☐	☐	3. Naval Reserve
☐	☐	4. Marine Corps Reserve
☐	☐	5. Coast Guard Reserve
☐	☐	6. Air National Guard
☐	☐	7. Army National Guard
		c. (ROTC)
☐	☐	1. Air ROTC
☐	☐	2. Army ROTC
☐	☐	3. Naval ROTC
☐	☐	**d. 0. None of the above**

O O
X X

12. **How many times have you married?**
0 ☐ Never (If "Never," skip to Question 17.)
1 ☐ Once
2 ☐ More than once.
X

13. **(a) When did you first marry?** ____________ **(Year)**

(b) How long had you known your spouse at the time?
______ years ______ months.

X X

(c) How much formal education has he or she had?
1 ☐ Did not graduate from high school.
2 ☐ Graduated from high school.
3 ☐ Some college or junior college.
4 ☐ Graduated from a 4-year college.
5 ☐ Work towards a graduate or professional degree.
6 ☐ Has received a graduate or professional degree.
X

(d) Did he(she) attend any other type of school, such as business, vocational, trade, or technical?
1 ☐ Yes
2 ☐ No
X

PLEASE DO NOT WRITE IN THIS AREA

(e) Did he (she) also participate in Project TALENT'S testing in 1960?
1 ☐ Yes
2 ☐ No
3 ☐ Don't know.
X

If Yes, what was his or her full name in 1960?

____
Last First Middle

Date of his (her) birth ______________________

14. **Your present marital status:**
1 ☐ Married.
2 ☐ Separated.
3 ☐ Divorced.
4 ☐ Widowed.
X

15. **How many children do you have?** ______________

16. **How old is your oldest child?** ______________

17. **Is your mother still living?**
100 ☐ Yes, she is still living.
2 ☐ No, she has been dead ______ years.
X X X

18. **Is your father still living?**
100 ☐ Yes, he is still living.
2 ☐ No, he has been dead ______ years.
X X X

PLEASE DO NOT WRITE IN THIS AREA

19. **(a) Please indicate how much you smoke.**
0 ☐ I have never smoked. (Skip to Question 20.)
1 ☐ I did smoke heavily but have stopped completely.
2 ☐ I did smoke heavily but have cut down to less than half a pack of cigarettes a day.
3 ☐ I did smoke heavily but have cut down to between half a pack and a pack of cigarettes a day.
4 ☐ I never was a heavy smoker, and now I have stopped completely.
5 ☐ I have never been a heavy smoker. I now smoke less than half a pack of cigarettes a day.
6 ☐ I now smoke between half a pack and a pack of cigarettes a day. I have never smoked more heavily than that.
7 ☐ I smoke more than a pack of cigarettes a day.
8 ☐ I primarily smoke cigars.
9 ☐ I primarily smoke a pipe.
X

(b) At what age did you start smoking? ____________

(c) How do you feel about the amount you smoke?
☐ 8 a. I am quite satisfied.
☐ 1 b. I plan to cut down on the amount I smoke.
☐ 2 c. I plan to stop smoking in the near future.
☐ 4 d. I have tried to stop smoking but have not been able to.

20. **Race:**
1 ☐ Negro
2 ☐ Oriental
3 ☐ White
4 ☐ American Indian
9 ☐ Other (Please specify.) ____________________
X

21. **Religion:**
1 ☐ Catholic
2 ☐ Jewish
3 ☐ Protestant
9 ☐ Other (Please specify.) ____________________
0 ☐ None
8 ☐ I prefer not to answer this question.
X

PLEASE DO NOT WRITE IN THIS AREA

22. **Have you attended college (four-year college or junior college) since leaving high school?**
1 ☐ Yes, as a full-time student working towards a degree.
2 ☐ Yes, as a part-time student working towards a degree.
3 ☐ Yes, courses for credit, but not working towards a degree.
4 ☐ Yes, for informal, non-credit courses.
5 ☐ No.
X

23. **Did you attend any other type of school?**
1 ☐ No.
2 ☐ Yes, a technical institute for electronics, drafting, computer programming, or something similar.
3 ☐ Yes, a school of nursing (2- or 3-year program leading to an RN).
4 ☐ Yes, a school of practical nursing.
5 ☐ Yes, a secretarial or business school.
6 ☐ Yes, a trade or apprentice school or vocational school.
7 ☐ Yes, an armed forces enlisted-man's school.
9 ☐ Other. (Please specify.) ____________________
X

PLEASE DO NOT WRITE IN THIS AREA

(a)

(b)

X

X

24. Which of the following licenses, certificates, or diplomas have you received or do you plan to obtain? (Mark as many as apply.)

(a) Have Rec'd.	(b) Plan to Obtain	
☐	☐	1. Certificate based on apprenticeship or on-the-job training. (Describe) ______
☐	☐	2. Teacher's certificate issued by the state.
☐	☐	3. Trade school certificate.
☐	☐	4. Business or secretarial school diploma.
☐	☐	5. Practical nursing certificate.
☐	☐	6. RN (Registered Nurse).
☐	☐	7. Certificate from a technical institute.
☐	☐	8. CPA (Certified Public Accountant).
☐	☐	9. Other certificate or license based upon a course of study. (Describe) ______
☐	☐	0. None of the above.

PLEASE DO NOT WRITE IN THIS AREA

(a)

(b)

X

X

25. Which of the following college degrees or diplomas have you earned or do you plan to earn? (Mark as many as apply.)

(a) Have Earned	(b) Plan to Earn	
		0. None.
	☐	1. Junior college diploma (e.g., Associate in Arts, etc.)
	☐	2. B.A., B.S., B.B.A., B.F.A., (e.g., B.A. in History, B.S. in Ed., etc.)
☐	☐	2. Other bachelor's degree (Specify.) ______
☐		3. M.A. or M.S.
☐	☐	3. Other master's degree (Specify.) ______
	☐	4. Ph.D. or Ed.D.
☐	☐	5. LL.B. (law)
☐	☐	6. M.D. (medicine)
☐	☐	7. D.D.S. (dentistry)
		8. Other professional degree (Specify.) ______
☐	☐	9. Other (Specify.) ______

IF YOU HAVE ATTENDED OR ARE NOW ATTENDING A COLLEGE OR UNIVERSITY FOR CREDIT, PLEASE ANSWER THE FOLLOWING QUESTIONS, NOS. 26-34, AND THEN GO ON TO QUESTION 35.

IF YOU HAVE NOT ATTENDED COLLEGE, PLEASE TURN TO PAGE 5 AND ANSWER QUESTION 35.

1, 0

26. What colleges or universities have you attended as an undergraduate? If you have already earned a bachelor's degree, please specify the degree, and the month and year received. (Put the college you last attended or are now attending first.)

Name of College or University	City and State	(a) Dates Attended	(b) Degree Earned	(b) Date Mo.	Yr.

27. Students who are doing or have done graduate work should also complete the following, giving the name of the graduate or professional school they are attending or have attended.

Name of University	Name of School	City and State	Dates Attended

PLEASE DO NOT WRITE IN THIS AREA

X X

X X

28. As an undergraduate, what is or was your average grade in your major subject, and in all subjects? (Please circle one in each row.)

Major subject:

A A− B+ B B− C+ C C− D+ D D− F

All subjects:

A A− B+ B B− C+ C C− D+ D D− F

11	10	09	08	07	06	05	04	03	02	01	00

Do not write in this space

29. Where did you get the funds for your undergraduate college education? (Include tuition and other expenses.) (Mark as many as apply.)

☐ 1 a. Loans from the National Defense Education Act Loan Fund.
☐ 2 b. Loans from college loan funds.
☐ 4 c. Loans from banks or other organizations.
☐ 1 d. Loans from family or friends.
☐ 2 e. Parents, family, trust fund, or friends.
☐ 4 f. My own savings.
☐ 1 g. Working while attending college.
☐ 2 h. Scholarships or grants from college attended.
☐ 4 i. Scholarships or grants from other sources.
☐ 1 j. GI Bill.
☐ 2 k. War Orphans Act.
☐ 4 l. Other. Please specify: ______

30. As an undergraduate, in which of the following areas was or is your major in college and which was (is) your minor? (If you did not have a formal minor, mark the other area in which you took the most courses.) Also, if you are a graduate student, what is your graduate major? (Mark ONE for each.)

(a) Undergraduate Major	(b) Undergraduate Minor	(c) Graduate Major	
☐	☐	☐	01. Mathematics
☐	☐	☐	02. Chemistry
☐	☐	☐	03. Physics
☐	☐	☐	04. Physical Sciences (other)
☐	☐	☐	05. Anatomy Physiology
☐	☐	☐	06. Biochemistry
☐	☐	☐	07. Zoology
☐	☐	☐	08. Botany
☐	☐	☐	09. Biological Sciences (other)
☐	☐	☐	10. Psychology
☐	☐	☐	11. History
☐	☐	☐	12. Economics
☐	☐	☐	13. Political Science or Government
☐	☐	☐	14. Social Sciences (other)
☐	☐	☐	15. Social Work
☐	☐	☐	16. English
☐	☐	☐	17. Journalism
☐	☐	☐	18. Foreign Languages
☐	☐	☐	19. Humanities
☐	☐	☐	20. Fine Arts
☐	☐	☐	21. Music
☐	☐	☐	22. Philosophy
☐	☐	☐	23. Religion or Theology
☐	☐	☐	24. Law (Pre-Law)
☐	☐	☐	25. Medicine (Pre-Medicine)
☐	☐	☐	26. Dentistry (Pre-Dentistry)
☐	☐	☐	27. Nursing
☐	☐	☐	28. Other health professions
☐	☐	☐	29. Engineering
☐	☐	☐	30. Architecture
☐	☐	☐	31. Elementary Education
☐	☐	☐	32. Physical Education
☐	☐	☐	33. Education (other)
☐	☐	☐	34. Library Science
☐	☐	☐	35. Accounting
☐	☐	☐	36. Business and Commerce
☐	☐	☐	37. Home Economics
☐	☐	☐	38. Agriculture or Forestry
☐	☐	☐	39. Some other (Please specify.) ____________
☐	☐		00. None — I do not intend to earn a bachelor's degree.
		☐	00. None — I am not doing graduate work.

X X

X X

X X

PLEASE DO NOT WRITE IN THIS AREA

31. Please indicate your present class status in college (or the highest level you have reached).

1 ☐ Freshman
2 ☐ Sophomore
3 ☐ Junior
4 ☐ Senior
5 ☐ I have already earned a bachelor's degree, and have not done any graduate work toward an advanced degree.
6 ☐ I have already earned a bachelor's degree, and am or have been a graduate student working toward an advanced degree.
X

32. Are you enrolled in a college or university this semester (fall, 1967)?

1 ☐ Yes, as an undergraduate, full-time.
2 ☐ Yes, as an undergraduate, part-time.
3 ☐ Yes, as a graduate student, full-time.
4 ☐ Yes, as a graduate student, part-time.
5 ☐ Yes, postgraduate study not for a degree (either full- or part-time).
6 ☐ No.
X

PLEASE DO NOT WRITE IN THIS AREA

33. As a college undergraduate, did you participate in any athletic activities? Mark as many as apply.

a. Yes, I received a varsity "letter" (or its equivalent) in:
  ☐ 1 e. Baseball
  ☐ 2 f. Basketball
— ☐ 4 g. Football
  ☐ 1 h. Swimming
  ☐ 2 i. Track
— ☐ 4 j. Other (Specify) ____________
☐ 1 b. Yes, I played for a school team, but did not receive a "letter" (or its equivalent).
☐ 2 c. Yes, I participated in intramural activities (or their equivalent).
— ☐ 4 d. No, I did not take part in any organized athletic activities (even intramurals). (If "No," skip to Question 35).

34. Did you receive any awards for athletic participation?

4 ☐ Yes, I was nominated to an all-America team.
3 ☐ Yes, I was nominated to an all-state, all-regional team.
2 ☐ Yes, I received an award from my college or university (other than a varsity letter).
1 ☐ No, I did not receive any athletic awards.
9 ☐ Other (specify) ____________
X

ADDITIONAL COMMENTS

If you would like to make any additional comments concerning your work experiences, please feel free to do so. We are also interested in comments about any of the decisions you made either in high school or after high school.

____

____

____

____

____

____

____

____

35. If you have it readily available, please give us your social security number:

***
**
****
(X's)

__ __ __ - __ __ - __ __ __ __

§ § § § §

Please sign your name below and fill in the date.

Signature ____________

Date ____________
Month Day Year

PLEASE CORRECT YOUR NAME AND ADDRESS

Please correct your name and address on the label on page 6. This helps us to keep your address file up-to-date.

After you have filled out the questionnaire, please fold the booklet so that our return address is on the outside and your corrected address label is on the inside. Then moisten the tab, seal the booklet, and drop it in a mailbox.

IT REQUIRES NO POSTAGE.

A-21

9th grade 5-year follow-up

AMERICAN INSTITUTES FOR RESEARCH

and

UNIVERSITY OF PITTSBURGH

October 2, 1968

Dear Project TALENT Member:

In the spring of 1960, you participated in a national survey of high school students called Project TALENT, a joint study conducted by the University of Pittsburgh and the American Institutes for Research. This study is part of the continuing national effort to understand and improve American life. We want to thank you again for your previous participation in this important national project. Now we need your help again. About 300,000 individuals who were in the tenth, eleventh, and twelfth grades in 1960 have already been included in this current series of questionnaire follow-ups. Now we are calling on those of you who were in the ninth grade.

With your help, Project TALENT is trying to determine the strengths and weaknesses of our local, state, and national programs in many spheres of life so that recommendations for improvement and change can be made. To do this, we need to know what has happened to you in the last five years. We would like to know if you have continued your education, or intend to; what jobs you've held; whether you have entered the military service; your career plans; your family plans; etc. You can answer most of the questions by checking the choice that describes what you've been doing, although you should feel free to write in comments wherever you think some explanation is needed.

We want to emphasize that your answers to this questionnaire are strictly confidential; they will be used for research purposes only. We hope you'll answer all the questions, because the more complete your replies are, the more helpful they will be in this very vital research.

The members of the Project TALENT staff are most appreciative of your personal help. We wish you success in carrying out your plans.

Sincerely,

John C. Flanagan

John C. Flanagan
Director of Project TALENT

PLEASE CORRECT YOUR ADDRESS

If your present address or name is different from that on the label on page 6, please correct the label, so that we can keep our records up-to-date. Please do not remove the address label.

START HERE

PLEASE DO NOT WRITE IN THIS AREA

— — **1. Date of your birth**_____________________________
Month **Day** **Year**
— —
— —

2. Check one:
1 ☐ Male
2 ☐ Female
X

3. Did you get a high school diploma?
1 — 12 ☐ Yes, when I graduated in_________(year).
2 — 12 ☐ Yes, I left school, but later returned and got my diploma in _________(year).
3 — 12 ☐ Yes, by examination or through correspondence school in _________(year).
4 — — — — ☐ No, I left school in_________(year). The last grade I completed was_________(8, 9, 10, 11, 12).
XXXX

PLEASE DO NOT WRITE IN THIS AREA

4. How many times have you married?
0 ☐ Never (If "Never," skip to Question 9.)
1 ☐ Once
2 ☐ More than once.
X

— — **5. When did you first marry?**____________**(year).**

6. What is your present marital status?
1 ☐ Married.
2 ☐ Separated.
3 ☐ Divorced.
4 ☐ Widowed.
X

___ **7. How many children do you have?**____________________

___ **8. How old is your oldest child?**____________________

*** **9. What is your social security number?**
**
****
(X's)
_ _ _ - _ _ - _ _ _ _

10. How many full-time paid jobs have you held between June 1963 and September 30, 1968? (Circle answer.)

__ None 1 2 3 4 5 6 7 8 More than 8
X

PLEASE DO NOT WRITE IN THIS AREA

11. Please answer this question only if you had a job or were self-employed, or were looking for work in the period between October 1, 1967, and September 30, 1968. (Include military service.)

(a) What were your total earnings between October 1, 1967, and September 30, 1968, before deductions and taxes? Include as earnings wages, salary, commissions, or tips from all jobs; also, profits or fees from working in your own business, professional practice, partnership, or farm.

(Enter amount below. If exact figure is not known, give best estimate.)

_ _ _ **$______________** **If you had no earnings,**
000 **(Dollars Only)** **check box.** ☐
XXX

(b) How many weeks did you work between October 1, 1967, and September 30, 1968, either full-time or part-time, including self-employment. Count paid vacation and paid sick leave as weeks worked.
_ _ **(If exact figure is not known, give best estimate.)**
XX ____________**Number of weeks worked.**

(c) How many weeks were you unemployed (without a job, but looking for work) between October 1, 1967, and September 30, 1968.
_ _ **(If exact figure is not known, give best estimate.)**
XX ____________**Weeks**

12. As of September 30, 1968, were you looking for a job (whether or not you had one)?
1 ☐ Yes, I was looking for a full-time job.
2 ☐ Yes, I was looking for a part-time job.
3 ☐ No.
X

13. Did you have any paid job as of September 30, 1968? (Consider active military duty as a full-time job.)
1_ _ ☐ Yes, a part-time job. } Average no. of hours
2_ _ ☐ Yes, a full-time job. } worked per week:__________hrs.
300 ☐ No, I was in school. (Skip to Question 15).
400 ☐ No, I am a housewife. (Skip to Question 15.)
500 ☐ No, my health would not permit it. (Skip to Question 15.)
900 ☐ No, for a reason not given above. (Skip to Question 15.)
XXX

14. If you had a paid job as of September 30, 1968:

(a) What was this job called?____________________

_ _ _ _ **(b) What did you do on it?**____________________

____

____

____

PLEASE DO NOT WRITE IN THIS AREA

(c) Do you plan to remain on this job for the next several years?
23 ☐ Yes
21 ☐ Probably
10 ☐ I can't decide.
22 ☐ No, I would like to change jobs, but continue to do the same kind of work.
30 ☐ No, I would like to get a job in the same field, but at a more advanced level.
02 ☐ No, I would like to get a job in a different field.
01 ☐ No, I plan to stop work altogether.
90 ☐ No, for some other reason.
XX

(d) Considering all aspects of your present job (the work, pay, co-workers, future, etc.), how do you feel about your job?
5 ☐ Very satisfied with it
4 ☐ Fairly satisfied with it
3 ☐ Neither satisfied nor dissatisfied
2 ☐ Rather dissatisfied with it
1 ☐ Very dissatisfied with it
X

PLEASE DO NOT WRITE IN THIS AREA

(e) How do you feel about the kind of work you do on your present job? (Consider only the work itself—not the pay, working conditions, or other factors that might make the job attractive or unattractive.)
5 ☐ Like the work very much
4 ☐ Like the work somewhat
3 ☐ Neither like it nor dislike it
2 ☐ Dislike the work somewhat
1 ☐ Dislike the work very much
X

(f) How well do you feel you do your job, in comparison with other people doing the same type of work?
56 ☐ I'm probably in the top 10%.
45 ☐ I'm probably in the top quarter, but not the top 10%.
34 ☐ I'm probably in the top half but not the top quarter.
23 ☐ I'm probably not in the top half, but am better than the bottom 25%.
12 ☐ I'm probably in the bottom quarter but better than the bottom 10%.
01 ☐ I'm probably in the bottom 10% but better than the bottom 5%.
00 ☐ I'm probably in the bottom 5%.
XX

(g) Do you expect to advance in your present job?
5 ☐ No, I have already reached the top.
4 ☐ Yes, I expect to advance far in this job.
3 ☐ Yes, I expect to advance some.
0 ☐ No, there is little or no opportunity for advancement.
2 ☐ No, I am content with my present level.
1 ☐ No, I do not expect to stay long enough to advance.
X

(h) Does your job provide good financial security?
5 ☐ Yes, that is one of the things I like about the job.
4 ☐ Yes, but financial security isn't what I'm looking for.
3 ☐ I don't know.
2 ☐ No, but it doesn't matter because financial security is not what I want from a job.
1 ☐ No, but it doesn't matter because I wouldn't want to stay very long anyhow.
0 ☐ No, this is one of the drawbacks of the job.
X

PLEASE DO NOT WRITE IN THIS AREA

(i) How well does your present job fit in with your long-range plans or goals?
5 ☐ Extremely well
4 ☐ Very well
3 ☐ Fairly well
2 ☐ Hardly at all
1 ☐ Not at all
0 ☐ I don't have any long-range plans or goals.
X

15. (a) What occupation do you plan to make your life work? Be as specific as possible. For instance, if military service, specify type of work. (If your answer is "Housewife," skip to Question 16.)

_ _ _ _ ______________________________________

____

____

(b) What steps have you taken in this direction? (Mark as many as apply.)

☐ 1 a. I now have or have had a regular job in this field.
☐ 2 b. I now have or have had a job as a trainee in this field.
— ☐ 4 c. My present job may lead to work in this field.
☐ 1 d. I am doing or have done volunteer work in this field.
☐ 2 e. I have had special training or education in this field.
— ☐ 4 f. None of the above.

(c) If you have had special training or education in this field, how or where did you get it? (Mark as many as apply.)

☐ 1 a. In high school.
☐ 2 b. In college as an undergraduate.
— ☐ 4 c. In graduate school or professional school after college.
☐ 1 d. In some other kind of school, since high school.
☐ 2 e. An apprenticeship program.
— ☐ 4 f. On-the-job training (informal or formal).
☐ 1 g. An informal program: reading or other independent study.
☐ 2 h. Some other way.
— ☐ 4 i. I have had no special training or education in this field.

PLEASE DO NOT WRITE IN THIS AREA

WOMEN PLEASE ANSWER QUESTIONS 16-19, AND THEN GO ON TO QUESTION 20. MEN PLEASE SKIP TO QUESTION 20.

16. Have you been employed continuously since leaving school (except, perhaps, for brief periods between jobs)?

3 ☐ Yes (Skip to Question 18.)
0 ☐ I am still in school. (Skip to Question 18.)
1 ☐ No, I have never had a job since leaving school.
2 ☐ No, but I have been employed some of the time since leaving school.
X

17. What was the main reason you stopped working (if you did) or did not start working (if you didn't)? (Check only one.)

01 ☐ Marriage
02 ☐ Pregnancy
03 ☐ Care of children
04 ☐ To devote more time to my family
05 ☐ Other household responsibilities
06 ☐ Adequate child-care facilities not available
07 ☐ To attend school
08 ☐ Did not enjoy working
09 ☐ Did not need the money
10 ☐ Illness or disability
11 ☐ Moved to new location
12 ☐ No jobs with suitable hours available
13 ☐ No suitable jobs available
14 ☐ Other____________________
XX

18. What are your long-range employment plans? (Mark as many as apply.)

10 ☐ Continue working indefinitely
21 ☐ Stop work when I get married
22 ☐ Stop work when I have children
23 ☐ Stop work when family means permit
24 ☐ Stop work when other circumstances make this convenient
XX
31 ☐ Start or return to work as soon as I can find a suitable job
32 ☐ Start or return to work as soon as possible after children are born
33 ☐ Start or return to work when youngest child is in school
34 ☐ Start or return to work when youngest child is in high school
35 ☐ Start or return to work when children are grown
36 ☐ Start or return to work only if the extra income is needed.
41 ☐ I don't intend to return to work after stopping.
42 ☐ I haven't had a job and don't intend to.
XX

PLEASE DO NOT WRITE IN THIS AREA

19. If you plan to return to work after a long interval, will you require some training (or retraining) first?

0 ☐ Not applicable
1 ☐ No, I will go into about the same kind of work I did on previous jobs.
2 ☐ I don't think so, even though I will probably go into a somewhat different type of work.
3 ☐ Perhaps some retraining or further schooling will be required, though I will be going back into the same field.
4 ☐ Extensive study or schooling will almost certainly be necessary, even though I will be going back into the same field.
5 ☐ Additional schooling will be necessary, since I will probably be going into an entirely different field.
X

PLEASE DO NOT WRITE IN THIS AREA

20. What would you have done differently in the light of what you now know? (Mark as many as apply.)

☐ 1 a. I would have graduated from high school instead of dropping out.
☐ 2 b. I would have taken additional educational training after high school to prepare me for a better job.
— ☐ 4 c. I would have gone to college.
☐ 1 d. I would never have gone to college.
☐ 2 e. I would have selected a different college from the one I attended.
— ☐ 4 f. I would have chosen a different major field in college.
☐ 1 g. I would not have dropped out of college.
☐ 2 h. I would have gone to graduate school.
— ☐ 4 i. I would not have gone to graduate school.
☐ 1 j. I would have gone into some other line of work.
☐ 2 k. Other (Specify.) ____________________
— ☐ 4 l. None of the above.
XXXX

21. Race:

1 ☐ Black/Negro
2 ☐ Oriental
3 ☐ White/Caucasian
4 ☐ American Indian
9 ☐ Other (Please specify.) ____________________
X

22. Religion:

1 ☐ Catholic
2 ☐ Jewish
3 ☐ Protestant
9 ☐ Other (Please specify.) ____________________
0 ☐ None
8 ☐ I prefer not to answer this question.
X

PLEASE DO NOT WRITE IN THIS AREA

23. Please indicate your past and present status in regard to military duty. (Mark as many as apply.)

	(a) Was in	(b) Am Now in	
			a. (Active Duty)
	☐	☐	1. Air Force
	☐	☐	2. Army
— —	☐	☐	3. Navy
00	☐	☐	4. Marine Corps
XX	☐	☐	5. Coast Guard
			b. (Reserves and National Guard)
	☐	☐	1. Air Force Reserve
	☐	☐	2. Army Reserve
	☐	☐	3. Naval Reserve
	☐	☐	4. Marine Corps Reserve
— —	☐	☐	5. Coast Guard Reserve
00	☐	☐	6. Air National Guard
XX	☐	☐	7. Army National Guard
			c. (ROTC)
	☐	☐	1. Air ROTC
	☐	☐	2. Army ROTC
— —	☐	☐	3. Naval ROTC
00			
XX	☐	☐	**d. 0. None of the above**

24. Have you served on active military duty for more than thirty days? (Mark as many as apply.)

8 ☐ Yes, I was drafted
1 ☐ Yes, I enlisted
2 ☐ Yes, as a commissioned officer
4 ☐ Yes, I was activated through the Reserves or National Guard.
0 ☐ No.
X

25. Do you have a military serial number? (Do not give your selective service number.)

0 ☐ No.
1 ☐ Yes, the number is______________________
X

PLEASE DO NOT WRITE IN THIS AREA

26. Have you attended college (2-year or 4-year) since leaving high school?

1 ☐ Yes, a 2-year college only (junior or community college)
2 ☐ Yes, two or more 2-year colleges only.
3 ☐ Yes, one 4-year college only.
4 ☐ Yes, two or more 4-year colleges only.
5 ☐ Yes, both 2-year and 4-year colleges.
0 ☐ No. (Skip to Question 28.)
X

27. What was your status most of the time while you attended college?

4 ☐ A full-time student working towards a degree.
3 ☐ A part-time student working towards a degree.
2 ☐ Taking courses for credit, but not working towards a degree.
1 ☐ Taking informal, non-credit courses.
X

28. Did you attend any other type of school for four weeks or more?

0 ☐ No.
1 ☐ Yes, a technical institute for electronics, drafting, computer programming, or something similar.
2 ☐ Yes, a school of nursing (2- or 3-year program leading to an RN).
3 ☐ Yes, a school of practical nursing.
4 ☐ Yes, a secretarial or business school.
5 ☐ Yes, a trade or apprentice school or vocational school.
6 ☐ Yes, an armed forces school.
9 ☐ Other. (Please specify.)______________________
X

29. Which of the following licenses or certificates do you have already or plan to get?

	(a) Have received	(b) Plan to get	
	☐	☐	1. C.P.A. (Certified Public Accountant)
	☐	☐	2. Practical nursing certificate
—	☐	☐	3. R.N. (Registered Nurse)
a X	☐	☐	4. Teacher's certificate, issued by state or city
—	☐	☐	9. Other (Specify)______________
b X	☐	☐	0. None of the above

PLEASE DO NOT WRITE IN THIS AREA

30. Which of the following college degrees or diplomas have you earned or do you plan to earn?

	(a) Have earned	(b) Plan to earn	
	☐	☐	00. None
	☐	☐	01. Junior college diploma (e.g., Associate in Arts, etc.)
	☐	☐	11. B.A. or B.S.
	☐	☐	12. Other bachelor's degree (Specify)______________
	☐	☐	21. M.A. or M.S.
	☐	☐	22. Other master's degree (Specify)______________
— —			
a	☐	☐	31. LL.B. or J.D. (law)
XX	☐	☐	41. D.D.S. (dentistry)
	☐	☐	42. M.D. (medicine)
— —	☐	☐	51. Ed.D.
b	☐	☐	52. Ph.D.
XX	☐	☐	61. Other professional degree (Specify)______________
	☐	☐	71. Other (Specify)______________ ______________

IF YOU HAVE ATTENDED OR ARE NOW ATTENDING A COLLEGE OR UNIVERSITY FOR CREDIT, PLEASE ANSWER THE FOLLOWING QUESTIONS, NUMBERS 31 – 38.
IF YOU HAVE NOT ATTENDED COLLEGE, PLEASE TURN TO PAGE 5, SIGN YOUR NAME AND THE DATE, CHECK THE ADDRESS FOR ACCURACY, AND RETURN THE QUESTIONNAIRE IN THE MAIL.

1,0

31. What colleges or universities have you attended as an undergraduate? If you have already earned a bachelor's degree, please specify the degree, and the month and year received. (Put the college you last attended or are now attending first.)

	Name of College or University	City and State	(a) Dates Attended	(b) Degree Earned	(c) Date Mo. Yr.
— —					
— — —					
—					
—					
—					

PLEASE DO NOT WRITE IN THIS AREA

32. Those who are doing or have done graduate work should also complete the following, giving the name of the graduate or professional school they are attending or have attended.

	Name of University	Name of School	City and State	Dates Attended
— —				
— — —				
—				

33. As an undergraduate, what is or was your average grade in your major subject, and in all subjects? (Please circle one in each row.)

Major subject:												
— — XX	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
All subjects:												
— — XX	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
Do not write in this space	11	10	09	08	07	06	05	04	03	02	01	00

34. Please indicate your present class status in college (or the highest level you have reached).

1 ☐ Freshman
2 ☐ Sophomore
3 ☐ Junior
4 ☐ Senior
5 ☐ I have already earned a bachelor's degree, and have not done any graduate work toward an advanced degree.
6 ☐ I have already earned a bachelor's degree, and am or have been a graduate student working toward an advanced degree.
X

PLEASE DO NOT WRITE IN THIS AREA

35. Are you enrolled in a college or university in the fall of 1968?

1 ☐ Yes, as an undergraduate, full-time.
2 ☐ Yes, as an undergraduate, part-time.
3 ☐ Yes, as a graduate student, full-time.
4 ☐ Yes, as a graduate student, part-time.
5 ☐ Yes, postgraduate study not for a degree (either full- or part-time
0 ☐ No.
X

36. Have you ever dropped out of college?

00 ☐ No. (Skip to Question 38.)
☐ Yes.
XX

37. What was your main reason for dropping out of college? (Check only one.)

21 ☐ Was offered a job
22 ☐ Changed career goals
23 ☐ Became homesick
24 ☐ Didn't enjoy the social life
25 ☐ Got married
26 ☐ Pregnancy or children
27 ☐ College work was boring
28 ☐ Had to study too hard
31 ☐ Poor grades
32 ☐ Got into disciplinary troubles
33 ☐ Had financial difficulties
34 ☐ Became ill or had an accident
35 ☐ Family emergency
40 ☐ Entered military service
90 ☐ Some other reason. (Please specify.) ______________________

10
XX

38. As an undergraduate, in which of the following areas was or is your major in college and which was (is) your minor? (If you did not have a formal minor, mark the other area in which you took the most courses.) Also, if you have done graduate work, what is your graduate major? (Mark ONE for each.)

PLEASE DO NOT WRITE IN THIS AREA

	(a) Undergraduate Major	(b) Undergraduate Minor	(c) Graduate Major		
	☐	☐	☐	01.	Mathematics
	☐	☐	☐	02.	Chemistry
	☐	☐	☐	03.	Physics
	☐	☐	☐	04.	Physical Sciences (other)
	☐	☐	☐	05.	Anatomy/Physiology
	☐	☐	☐	06.	Biochemistry
	☐	☐	☐	07.	Zoology
	☐	☐	☐	08.	Botany
	☐	☐	☐	09.	Biological Sciences (other)
	☐	☐	☐	10.	Psychology
	☐	☐	☐	11.	Sociology
	☐	☐	☐	12.	History
	☐	☐	☐	13.	Economics
	☐	☐	☐	14.	Political Science or Government
	☐	☐	☐	15.	Social Sciences (other)
	☐	☐	☐	16.	Social Work
	☐	☐	☐	17.	English
	☐	☐	☐	18.	Journalism
	☐	☐	☐	19.	Foreign Languages
	☐	☐	☐	20.	Fine Arts
— —	☐	☐	☐	21.	Performing Arts
XX	☐	☐	☐	22.	Music
	☐	☐	☐	23.	Philosophy
	☐	☐	☐	24.	Religion or Theology
	☐	☐	☐	25.	Humanities (other)
— —	☐	☐	☐	26.	Law (Pre-Law)
XX	☐	☐	☐	27.	Medicine (Pre-Medicine)
	☐	☐	☐	28.	Dentistry (Pre-Dentistry)
	☐	☐	☐	29.	Pharmacy
	☐	☐	☐	30.	Nursing
— —	☐	☐	☐	31.	Other Health Professions
	☐	☐	☐	32.	Architecture
XX	☐	☐	☐	33.	Engineering
	☐	☐	☐	34.	Computer Science
	☐	☐	☐	35.	Statistics
	☐	☐	☐	36.	Elementary Education
	☐	☐	☐	37.	Physical Education
	☐	☐	☐	38.	Education (Other)
	☐	☐	☐	39.	Library Science
	☐	☐	☐	40.	Accounting
	☐	☐	☐	41.	Business and Commerce
	☐	☐	☐	42.	Home Economics
	☐	☐	☐	43.	Agriculture or Forestry
	☐	☐	☐	44.	Some other (Please specify.) ______________
	☐	☐		00.	None
			☐	00.	None—I have not done graduate work.

ADDITIONAL COMMENTS

If you would like to make any additional comments concerning your work experiences, please feel free to do so. We are also interested in comments about any of the decisions you made either in high school or after high school.

____

____

____

____

Please sign your name below and fill in the date.

Signature______________________________

Date______________________________
Month Day Year

PLEASE CORRECT YOUR NAME AND ADDRESS

Please correct your name and address on the address label on page 6. This helps us to keep your address file up-to-date.

After you have filled out the questionnaire, please fold it so that our return address is on the outside and your corrected address label is on the inside. Then moisten the seal, fold the questionnaire, and drop it in a mailbox.

IT REQUIRES NO POSTAGE.

APPENDIX B

NOTATION USED IN THIS REPORT

Appendix		Page
B-1	General Statistical Notation Used in This Report	B-2
B-2	System of TALENT Variable Number Designations	B-3

This appendix was planned and developed by Marion F. Shaycoft, who designed the system of variable number designations described in Appendix B-2.

APPENDIX B-1. General Statistical Notation Used in This Report

Except where otherwise indicated, the following notation is used in this report.

N = number of cases

This is the unweighted number of cases entering into the computation of the statistic, except where it is explicitly indicated to mean the weighted number of cases.

n = number of cases in a specified subgroup
or
n = number of variables

X is any variable (usually, but not necessarily, in raw score form)

M = mean (i.e., arithmetic mean)

$\bar{X}$ = sample mean of variable X

($\bar{X}$ and M may be used interchangeably in this context.)

s = sample standard deviation

$$s = \sqrt{\frac{\Sigma(X - \bar{X})^2}{N}}$$

σ = estimate of population standard deviation

$$\sigma = s\sqrt{\frac{N}{N - 1}}$$

Q_1 = first quartile
Md = median
Q_3 = third quartile

p = proportion of cases having a specified characteristic or in a specified group

q = proportion of cases not having the specified characteristic or not in the specified group

$$q = 1-p$$

r = zero-order product-moment correlation (including point biserial correlation)

R = multiple product-moment correlation (including multiple point biserial r)

r_{bis} = biserial correlation coefficient

$r_{pt\ bis}$ = point biserial correlation coefficient

APPENDIX B-2. System of TALENT Variable Number Designations

I. General format

The code for a variable consists of the three-digit variable number prefixed by a capital letter representing the kind of score.*

II. Letter code for kind of score

The capital letters used as standard prefixes for individual score variables have the following meanings:

R = number of Right responses

W = number of Wrong responses

A = number of items Attempted
This means the number of items to which some response is marked. Items that are deliberately omitted and items that are not reached are not included in this count.

O = number of Omitted items

K = Correction-for-chance score (Estimated number Known)

P = Per item score

P* = Standardized Per-item score**

F = Other Formula score
This score is usually a function of the R and A scores, or of R and W, or of variable weights for item responses. The F scores may represent either empirical or *a priori* scoring formulas.

L = item number of Last item marked

---

* In a very few special cases, where a set of items represented by a three-digit number is occasionally split into two or more subsets, there is also a letter, usually *a* or *b*, *following* the three-digit number. This terminal letter designates the specific subset of items. Examples are 112-a, 112-b, 114-a, 114-b, 150-a, 150-b.

** For instance, P*801, Socioeconomic index.

Basic formulas involving the above kinds of scores are:

$$R + W = A$$

$$A + O = N$$

$$K = R - \frac{W}{n-1} = \frac{nR - A}{n-1}$$

where

N = Number of items in test

n = number of options per item

Other letters in occasional use are:

G = Guessing index*

X = Scores not obtainable from responses to the regular TALENT Battery (e.g. scores involving responses to items in the 1963 SIB (Form B), but not in the regular SIB administered in 1960).*

The letters used as standard prefixes for composites are:

C. A priori Composite (for interim or general use)**

E. A priori or empircal composite specifically set up for Equating a non-TALENT test to TALENT battery*

V. Empircally Validated composite*

III. Three-digit variable-number code

The following is the system used thus far for the three-digit numbers that follow the "kind-of-score" letter.

First digit of individual variables***

1. Information Test scores
2-4. Other aptitude and achievement tests
    2. Verbal, spatial, mechanical, etc.
    3. Math
    4. Speed and accuracy
        (Perceptual, clerical, and computational)
5. Special
6. Student Activities Inventory (SAI)
7. Interest Inventory
8. Student Information Blank (SIB)
9. Other

Numerical part of code for composites**

This is a serial number within letter, starting with 001., e.g:

C-001, C-002, C-003,....C-013
E-001, E-002, E-003,....E-039

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* Not used in this report.

** For specific composites, see Appendix D.

*** For specific three-digit codes for individual variables, see second column of Appendix C.

APPENDIX C

COMPOSITION OF THE PROJECT TALENT BATTERY

Instruments	Page
APTITUDE AND ACHIEVEMENT TESTS	C-2
Information Test	C-2
Other Aptitude and Achievement Tests	C-3
MISCELLANEOUS	C-3
INVENTORIES	C-4
Student Activities Inventory	C-4
Interest Inventory	C-4
Student Information Blank	C-4

This appendix was planned and developed by Marion F. Shaycoft.

APPENDIX C: Composition of the Project TALENT Battery

Variable # Code						
Kind of score*	3 digit #		Options per item	No. of items	No. of minutes working time**	No. of scales****
		APTITUDE AND ACHIEVEMENT TESTS				
		Information Test		(395)	(125)	(43)
		Part I	5	(252)	90	(16)
		Subscales				(15)
R	101	1. Screening		12		1
R	102	2. Vocabulary		21		1
R	103	3. Literature		24		1
R	104	4. Music		13		1
R	105	5. Social studies		24		1
R	106	6. Mathematics		23		1
R	107	7. Physical science		18		1
R	108	8. Biological science		11		1
R	109	9. Scientific attitude		10		1
R	110	10. Aeronautics and space		10		1
R	111	11. Electricity and electronics		20		1
R	112	12. Mechanics		19		1
		a. Tools and construction ***		(10)		
		b. Motors and mechanisms***		(9)		
R	113	13. Farming		12		1
R	114	14. Home economics		21		1
		a. Cooking***		(11)		
		b. Other***		(10)		
R	115	15. Sports		14		1
R	190	Part I Total		(252)		1
		Part II	5	(143)	35	(25)
		Subscales				(22)
R,K	131	1. Art		12		1
R,K	132	2. Law		9		1
R,K	133	3. Health		9		1
R,K	134	4. Engineering		6		1
R,K	135	5. Architecture		6		1
R,K	136	6. Journalism		3		1
R,K	137	7. Foreign travel		5		1
R,K	138	8. Military		7		1
R,K	139	9. Accounting, business, sales		10		1
R,K	140	10. Practical knowledge		4		1
R,K	141	11. Clerical		3		1
R,K	142	12. Bible		15		1
R,K	143	13. Colors		3		1
R,K	144	14. Etiquette		2		1
R,K	145	15. Hunting		5		1
R,K	146	16. Fishing		5		1
R,K	147	17. Outdoor activities (other)		9		1
R,K	148	18. Photography		3		1
R,K	149	19. Games (sedentary)		5		1
R,K	150	20. Theater and ballet		8		1
R,K		a. Theater***		(6)		-
R,K		b. Ballet***		(2)		-
R,K	151	21. Foods		4		1
R,K	152	22. Miscellaneous		10		1
		Overlapping Subscales				(2)
R,K	162	Vocab. (overlapping other scales)		(9)		1
R,K	163	Outdoor activities (Hunting + Fishing + other)		(19)		1
R,K,L	192	Part II Total (inc. 10 misc. items)		(143)		1
		Parts I + II combined		(395)	(125)	(2)
R	172	Vocabulary scale (Variables 102+162)		(30)		1
R	100	Grand Total		(395)		1

Variable # Code Kind of score*	 3 digit #		Options per item	No. of items	No. of minutes working time**	No. of scales****
		Other aptitude and achievement tests				
R	211	Memory for sentences				
		Study	–	(40 sentences)	6	–
		Test	5	16	10	1
R	212	Memory for words				
		Study	–	(24 words)	2	–
		Practice	–	(24)	2	–
		Test	5	24	4	1
R	220	Disguised words	5	30	3	1
		English		(113)	52	(6)
R	231	1. Spelling	5	16		1
R	232	2. Capitalization	2	33		1
R	233	3. Punctuation				
		a. Punctuation marks***	3-5	(16)		
		b. Sentence structure***	3	(11)		
R		Punctuation Total		27		1
R	234	4. English usage	3-5	25		1
R	235	5. Effective expression	3-5	12		1
R	230	Total		(113)		1
R	240	Word functions in sentences				
		Directions	–	–	$2\frac{1}{2}$	
		Test	5	24	15	1
R	250	Reading comprehension	5	48	30	1
R	260	Creativity	5	20	20	1
R	270	Mechanical reasoning	3-5	20	11	1
R	281	Visualization in 2 dimensions	5	24	4	1
R	282	Visualization in 3 dimensions	5	16	9	1
R	290	Abstract reasoning	5	15	11	1
		Mathematics		(54)	50	(6)
R	311	Part I. Arithmetic reasoning	4-5	16		1
R	312	Part II. Introductory h.s. math	5	24		1
R	320	Subtotal (Parts I + II)		(40)		1
R	333	Part III. Advanced h.s. math	5	14		1
R	334	H.S. Subtotal (Parts II + III)		(38)		1
R	340	Total (Parts I + II + III)		(54)		1
R,A,F	410	Arithmetic computation*****	5	72	9	1
R,A,F	420	Table reading*****	5	72	3	1
R,A,F	430	Clerical checking*****	2	74	3	1
R,A,F	440	Object inspection*****	5	40	3	1
		MISCELLANEOUS				
A	500	Preferences test	2	166	3	1
		Themes	–	(2)	(10+)	
–	910	My views about an ideal occupation		1	5+	
–	920	What high school means to me		1	5+	

Variable # Code Kind of score*	3 digit #		Options per item	No. of items	No. of minutes working time**	No. of scales****
		INVENTORIES				
	600	Student Activities Inventory	5	(150)	20	
		Regular scales		(108)		(10)
R	601	Sociability		12		1
R	602	Social sensitivity		9		1
R	603	Impulsiveness		9		1
R	604	Vigor		7		1
R	605	Calmness		9		1
R	606	Tidiness		11		1
R	607	Culture		10		1
R	608	Leadership		5		1
R	609	Self-confidence		12		1
R	610	Mature personality		24		1
		Experimental scales		(18)		
	611	Conventionality***		4		
	612	Theoreticality***		8		
	613	Group centeredness***		6		
		Miscellaneous		24		
L	700	Interest Inventory*****	5	205	20	
		Part I. Occupations		(122)		
		Part II. Activities		(83)		
		Scales: ("core items")		(173)		(17)
F*,P	701	Physical science,engineering,math		16		1
F*,P	702	Biological science and medicine		8		1
F*,P	703	Public service		11		1
F*,P	704	Literary-linguistic		16		1
F*,P	705	Social service		12		1
F*,P	706	Artistic		7		1
F*,P	707	Musical		5		1
F*,P	708	Sports		8		1
F*,P	709	Hunting and fishing		3		1
F*,P	710	Business management		14		1
F*,P	711	Sales		6		1
F*,P	712	Computation		10		1
F*,P	713	Office work		7		1
F*,P	714	Mechanical-technical		15		1
F*,P	715	Skilled trades		18		1
F*,P	716	Farming		7		1
F*,P	717	Labor		10		1
		Miscellaneous: "non-core items"		(32)		
L	800	Student Information Blank*****	2-36	(394)	80	(18)
P*	801	Socioeconomic index		9		1
D	802	H.S. curriculum: acad. vs other		1		1
F	803	H.S. courses taken (acad. orient.)		7		1
P	820	H.S. grades		7		1
F	822	Guid. received in h.s.		10		1
F	823	Guid. received elsewhere		6		1
P	827	Study habits and attitudes		16		1
P	828	Self-perception of writing skills		4		1
P	829	Self-perception of reading skills		6		1
F	830	Amount of extracurricular reading		5		1
P	831	Var. of extracurr. group activities (except sports)		10		1
F	832	Degree of participation in extracurr. group activities (except sports)		10		1
P	833	Variety of hobbies (except sports)		15		1
F	834	Degree of act. in hobbies (exc. sports)		15		1
F	835	Participation in sports		4		1
F	836	Leadership roles		3		1
F	837	Social life		5		1
F	838	Work activities (chores & jobs)		5		1

* The "kind of score" column shows the kinds of scores routinely available for Project TALENT cases in general. The meaning of these code letters is explained in Appendix B-2. Certain additional scores may be available for certain cases, such as the "4% sample" (Subsample A-04.0-25) described in *The American High School Student* (Flanagan et al., 1964, Chapter 2).

** Does not include the time used for giving directions except where otherwise indicated. (The exceptions occur where comprehension of directions is considered an integral part of the testing time allowance.)

*** In the regular TALENT testing (1960), scores on this variable are available for the "4% sample" (Subsample A-04.0-25) only.

**** The term "scale," as used in this table, means set of items. The numbers appearing in the "No. of Scales" column represent the number of scales, including composites, for which scores are available routinely for the Project TALENT cases in general.

***** For information about scoring procedures on these variables see Appendix E.

APPENDIX D

THE *A PRIORI* COMPOSITES OF TEST SCORES

Appendix		Page
D-1	Composition of *A Priori* Composites of Test Scores	D-2
D-2	Norms for C-001, C-002, C-007	D-5

Appendix D was planned and developed by Marion F. Shaycoft. Determination of the components of each *a priori* composite, and the weight to be assigned each composite, was a cooperative effort of the project staff in 1961. The participants in this were, primarily, John C. Flanagan, John T. Dailey, and Marion F. Shaycoft.

TABLE D-1. Composition of _a priori_ composites of test scores

Code for Composite	Composite	Components		Max. Raw Score	Raw Score Weight (k)	Relative Effective Weight (for Gr. 12)*
C-001	**IQ Composite**	R-250	Reading Comp.	48	3	.51
		R-290	Abstract Reasoning	15	5	.25
		R-311	Math I	16	4	.24
		C-001	Total	283		1.00
C-002	**Gen. Academic Aptitude Composite**	R-106	Math Info	23	2	.08
		R-172	Vocab. I + II	30	1	.04
		R-230	English Total	113	3	.28
		R-250	Reading Comp.	48	3	.20
		R-260	Creativity	20	2	.06
		R-290	Abstract Reasoning	15	2	.04
		R-311	Math I	16	-	.12
		R-312	Math II	24	-	.18
		R-320	Math I + II	40	5	-
		C-002	Total	829		1.00
C-003	**Verbal Composite**	R-103	Literature Info	24	1	.20
		R-172	Vocab. I + II	30	1	.23
		R-230	English Total	113	1	.57
		C-003	Total	167		1.00
C-004	**Quantitative Aptitude Composite** **	R-106	Math Info	23	2	.21
		R-311	Math I	16	3	.20
		R-312	Math II	24	4	.39
		R-333	Math III	14	4	.20
		C-004	Total	246		1.00
C-005	**Technical Aptitude Composite** ***	R-107	Physical Sci. Info	18	1	.20
		R-108	Biological Sci. Info	11	1	.11
		R-110	Aero.Space Info	10	1	.11
		R-111	Elec. Info	20	1	.20
		R-112	Mech. Info	19	1	.18
		R-270	Mechanical Reasoning	20	1	.20
		C-005	Total	98		1.00
C-006	**Scientific Aptitude Composite**	C-001	IQ Composite	283	1	.25
		C-004	Quant. Composite	246	1	.24
		C-005	Technical Composite	98	3	.27
		R-260	Creativity	20	12	.24
		C-006	Total	1063		1.00

TABLE D-1. (Cont.)

Code for Composite	Composite	Components		Max. Raw Score	Raw Score Weight (k)	Relative Effective Weight (for Gr. 12)*
C-007	**High School Academic Achievement Composite**	R-103	Literature Info	24	3	.15
		R-105	Social Studies Info	24	2	.11
		R-106	Math Info	23	2	.13
		R-107	Physical Sci. Info	18	3	.14
		R-108	Biological Sci. Info	11	4	.10
		R-230	English Total	113	1	.14
		R-312	Math II	24	2	.11
		R-333	Math III	14	4	.12
		C-007	Total	481		1.00
C-008	**Academic Achievement (curriculum-linked)**	C-007	HS Acad. Ach. Comp.	481	1	.64
		R-250	Reading Comp.	48	2	.17
		R-311	Math I	16	6	.19
		C-008	Total	673		1.00
C-009	**Foreign Language Aptitude Composite**	R-212	Memory for Words	24	2	.18
		R-220	Disguised Words	30	2	.23
		R-230	English Total	113	1	.23
		R-240	Word Funct.in Sent.	24	2	.19
		R-250	Reading Comp.	48	1	.17
		C-009	Total	317		1.00
C-010	**Technical Composite (non-academic)**	R-110	Aero.Space Info	10	5	.16
		R-111	Elec. Info	20	3	.18
		R-112	Mech. Info	19	3	.16
		R-270	Mechanical Reasoning	20	4	.24
		R-281	Vis. in 2 Dimensions	24	1	.08
		R-282	Vis. in 3 Dimensions	16	4	.18
		C-010	Total	335		1.00
C-011	**Composite T**	R-110	Aero.Space Info	10	1	.16
		R-111	Elec. Info	20	1	.29
		R-112	Mech. Info	19	1	.26
		R-270	Mechanical Reasoning	20	1	.29
		C-011	Total	69		1.00
C-012	**Composite S**	C-004	Quant. Composite	246	1	.47
		C-005	Technical Composite	98	3	.53
		C-012	Total	540		1.00

TABLE D-1. (Cont.)

Code for Composite	Composite	Components		Max. Raw. Score	Raw Score Weight (k)	Relative Effective Weight (for grade 12)*
C´004	Math composite**	R-106	Math Info.	23	2	.27
		R-311	Math I	16	3	.24
		R-312	Math II	24	2	.24
		R-333	Math III	14	4	.25
	Total			198		1.00
C´005	Technical Info. Composite***	R-107	Phys.Sci.Info	18	1	.29
		R-110	Aerospace "	10	1	.16
		R-111	Elec. "	20	1	.29
		R-112	Mech. "	19	1	.26
	Total			67		1.00

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* Proportional to $k\sigma$ where σ is grade 12 standard deviation for Subsample A-10.0-3 and k is the raw score weight. The standard deviations are in *The American High School Student* (Flanagan et al., 1964, Table 3-1).

** Compare C´004 (Math composite) and C-004 (Quantitative Aptitude Composite).

*** Compare C´005 (Technical Information Composite) and C-005 (Technical Aptitude Composite).

TABLE D-2. C-001, C-002, and C-007 norms* (stanines, deciles, and quartiles); by grade, for both sexes combined

	C-001 (IQ Composite)				C-002 (Gen. Acad. Apt.)				C-007 (H.S. Acad. Ach.)			
Augmented stanine**	Gr 9	Gr 10	Gr 11	Gr 12	Gr 9	Gr 10	Gr 11	Gr 12	Gr 9	Gr 10	Gr 11	Gr 12
10	252-283	256-283	263-283	268-283	694-829	715-829	751-829	760-829	355-481	380-481	418-481	431-481
9	236-251	243-255	253-262	259-267	647-693	673-714	715-750	731-759	322-354	351-379	391-417	405-430
8	215-235	226-242	238-252	245-258	595-646	626-672	666-714	690-730	292-321	319-350	354-390	371-404
7	190-214	204-225	218-237	228-244	537-594	572-625	611-665	635-689	259-291	284-318	312-353	328-370
6	160-189	177-203	193-217	206-227	476-536	511-571	547-610	573-634	227-258	248-283	270-311	281-327
5	130-159	146-176	164-192	176-205	416-475	449-510	482-546	510-572	196-226	215-247	231-269	241-280
4	101-129	117-145	132-163	146-175	357-415	392-448	421-481	449-509	168-195	185-214	198-230	206-240
3	77-100	89-116	102-131	114-145	300-356	332-391	361-420	385-448	143-167	158-184	170-197	178-205
2	57- 76	66- 88	75-101	83-113	249-299	273-331	300-360	324-384	119-142	130-157	144-169	152-177
1	39- 56	46- 65	51- 74	57- 82	198-248	214-272	240-299	245-323	97-118	104-129	116-143	126-151
0	0- 38	0- 45	0- 50	0- 56	0-197	0-213	0-239	0-244	0- 96	0-103	0-115	0-125
Tenth												
10	217-283	227-283	239-283	246-283	599-829	629-829	670-829	693-829	294-481	321-481	357-481	373-481
9	194-216	209-226	222-238	232-245	548-598	583-628	622-669	646-692	265-293	291-320	319-356	336-372
8	177-193	192-208	207-221	218-231	511-547	545-582	582-621	607-645	244-264	268-290	293-318	306-335
7	161-176	177-191	194-206	206-217	476-510	511-544	548-581	573-606	227-243	248-267	270-292	282-305
6	145-160	162-176	179-193	191-205	445-475	480-510	515-547	542-572	212-226	231-247	249-269	261-281
5	129-144	146-161	163-178	176-190	415-444	448-479	482-514	510-541	196-211	215-230	231-248	241-260
4	114-128	130-145	146-162	159-175	383-414	417-447	448-481	477-509	180-195	198-214	212-230	222-240
3	97-113	113-129	127-145	141-158	346-382	382-416	411-447	439-476	163-179	180-197	193-211	201-221
2	76- 96	87-112	100-126	112-140	296-345	329-381	357-410	381-438	141-162	157-179	168-192	176-200
1	0- 75	0- 86	0- 99	0-111	0-295	0-328	0-356	0-380	0-140	0-156	0-167	0-175
Quarter												
4	186-283	200-283	215-283	225-283	528-829	563-829	602-829	626-829	254-481	278-481	306-481	322-481
3	145-185	162-199	179-214	191-224	445-527	480-562	515-601	542-625	212-253	231-277	249-305	261-321
2	105-144	122-161	137-178	151-190	366-444	400-479	430-514	457-541	172-211	189-230	202-248	211-260
1	0-104	0-121	0-136	0-150	0-365	0-399	0-429	0-456	0-171	0-188	0-201	0-210

* Based on percentile norms in The American High School Student (Flanagan et al, 1964), Chapter 3.

** Augmented stanines are the same as regular stanines, except that instead of dividing the scores into nine categories (1-9), augmented stanines divide them into eleven categories, with one extra interval (designated "10") at the top and one (designated "0") at the bottom.

APPENDIX E

MISCELLANEOUS INFORMATION CONCERNING SCORING

Appendix Page

E-1 Seventeen *A Priori* SIB Scales E-2

  Composition of the 17 Scales E-2
  Obtaining Scores on the 17 Scales E-3

E-2 Scoring Formulas for Other Variables E-11

Appendix E was planned and developed by Marion F. Shaycoft, who set up the 17 *a priori* SIB scales defined in Appendix E-1.

APPENDIX E-1. Seventeen *a priori* SIB scales

Table E1-1. Composition of the 17 scales.

SIB Scale #	SIB scale	No. of SIB items	SIB items*	Possible range of scores
D-802	HS curriculum: academic versus other	1	91	0-1
F-803	HS courses taken (academic orientation)	7	91; 98-99, 104-105; 100-101	0-90
P-820	HS grades	7	113, 106-110; 112	0-50
F-822	Guidance received in high school	10	114-121, 125-126	0-80
F-823	Guidance received elsewhere	6	122-124, 127-129	0-30
P-827	Study habits and attitudes	16	65, 69-71, 73-78, 80-81, 85-86, 88, 97	0-40
P-828	Self-perception of writing skills	4	66, 72, 79, 82	0-40
P-829	Self-perception of reading skills	6	67, 83-84, 87, 89-90	0-40
F-830	Amount of extracurricular reading	5	56; 58-61	0-90
P-831	Variety of extracurricular group activities (except sports)	10	1-10	0-100
F-832	Degree of participation in extracurricular group activities (except sports)	10	1-10	0-100
P-833	Variety of hobbies (except sports)	15	14-26, 28, 30	0-100
F-834	Degree of activity in hobbies (except sports)	15	14-26, 28, 30	0-90
F-835	Participation in sports	4	27, 31-33	0-24
F-836	Leadership roles	3	11, 13; 12	0-50
F-837	Social life	5	51-55	0-83
F-838	Work activities (chores and jobs)	5	34-37, 49	0-34
	TOTAL	103**		

* Groups of items separated by semi-colons differ in their judged importance with respect to the composite. Items in the left-hand group are weighted most heavily; items in the right-hand group have the least weight. See footnote 1 on page F-3.

** Items included in more than one composite were only counted once in this total.

Table E1-2. Obtaining scores on the 17 SIB scales

Scale	Scoring formula*	k	SIB item #'s	Response** Bklet. Option	Response** Tape Code	Weight*** w	Weight*** w'	Possible range of scores	No.of items
P-820	P	10	106-110 113	A	1	10	2	0-50	7
				B	2	8	2		
				C	3	6	2		
				D	4	4	2		
				E	5	2	2		
				F	6	0	2		
				Omit	0	0	0		
					–	–	–		
			112	A	1	5	1		
				B	2	4	1		
				C	3	3	1		
				D	4	2	1		
				E	5	1	1		
				F	6	0	1		
				Omit	0	0	0		
					–	–	–		
P-827	P	2	97	A	1	0	2	0-40	16
				B	2	4	2		
				C	3	12	2		
				D	4	20	2		
				E	5	28	2		
				F	6	40	2		
				Omit	0	0	0		
					–	–	–		
			69-71		1	0	1		
			73-78	A-E	2	5	1		
			80-81	or	3	10	1		
			85-86	E-A	4	15	1		
			88		5	20	1		
				Omit	0	0	0		
					–	–	–		
			65	A	1	20	1		
				B	2	15	1		
				C	3	10	1		
				D	4	5	1		
				E	5	0	1		
				Omit	0	0	0		
					–	–	–		

Table E1-2 (cont.)

Scale	Scoring formula*	k	SIB item #'s	Response** Bklet. Option	Response** Tape Code	Weight*** w	Weight*** w´	Possible range of scores	No.of items
P-828	P	10	66 72 79 82	A-E or E-A	1	0	1	0-40	4
					2	1	1		
					3	2	1		
					4	3	1		
					5	4	1		
				Omit	0	0	0		
P-829	P	10	67 83-84 87 89-90	A-E or E-A	1	0	1	0-40	6
					2	1	1		
					3	2	1		
					4	3	1		
					5	4	1		
				Omit	0	0	0		
P-831	P	100	1-10	A	1	1	1	0-100	10
				B	2	1	1		
				C	3	1	1		
				D	4	1	1		
				E	5	1	1		
				F	6	0	1		
				Omit	0	0	0		
P-833	P	100	14-26 28	A	1	1	1	0-100	15
				B	2	1	1		
				C	3	1	1		
				D	4	1	1		
				E	5	0	1		
				Omit	0	0	0		
			30	A	1	1	1		
				B	2	1	1		
				C	3	1	1		
				D	4	1	1		
				E	5	1	1		
				F	6	0	1		
				Omit	0	0	0		

Table E1-2 (cont.)

Scale	Scoring formula*	SIB item #'s	Response**		Weight***	Possible range of scores	No.of items
			Bklet. Option	Tape Code	w		
D-802	F	91	A	1	0	0-1	1
			B	2	1		
			C	3	0		
			D	4	0		
			E	5	0		
			F	6	0		
			Omit	0	-		
				-	-		
F-803	F	91	A	1	4	0-90	7
			B	2	10		
			C	3	2		
			D	4	0		
			E	5	0		
			F	6	3		
			Omit	0	-		
				-	-		
		98-99 104-105	A	1	0		
			B	2	4		
			C	3	8		
			D	4	10		
			E	5	12		
			F	6	16		
			Omit	0	0		
				-	-		
		100-101	A	1	0		
			B	2	2		
			C	3	4		
			D	4	5		
			E	5	6		
			F	6	8		
			Omit	0	0		
				-	-		

Table E1-2 (cont.)

Scale	Scoring formula*	SIB item #'s	Response**		Weight***	Possible range of scores	No.of items
			Bklet. Option	Tape Code	w		
F-822	F	114-117 125-126	A	1	0	0-80	10
			B	2	4		
			C	3	5		
			D	4	6		
			E	5	7		
			F	6	8		
			Omit	0	0		
				-	-		
		118-121	A	1	0		
			B	2	0		
			C	3	5		
			D	4	6		
			E	5	7		
			F	6	8		
			Omit	0	0		
				-	-		
F-823	F	122-124 127-129	A	1	0	0-30	6
			B	2	1		
			C	3	2		
			D	4	3		
			E	5	4		
			F	6	5		
			Omit	0	0		
				-	-		
F-830	F	56	A	1	0	0-90	5
			B	2	10		
			C	3	20		
			D	4	30		
			E	5	40		
			F	6	50		
			Omit	0	0		
				-	-		
		58-61	A	1	0		
			B	2	4		
			C	3	5		
			D	4	6		
			E	5	7		
			F	6	10		
			Omit	0	0		
				-	-		

Table E1-2 (cont.)

Scale	Scoring formula*	SIB item #'s	Response**		Weight***	Possible range of scores	No.of items
			Bklet. Option	Tape Code	w		
F-832	F	1-10	A	1	10	0-100	10
			B	2	8		
			C	3	6		
			D	4	2		
			E	5	1		
			F	6	0		
			Omit	0	0		
				-	-		
F-834	F	14-26 28	A	1	6	0-90	15
			B	2	4		
			C	3	2		
			D	4	1		
			E	5	0		
			Omit	0	0		
				-	-		
		30	A	1	6		
			B	2	5		
			C	3	3		
			D	4	2		
			E	5	1		
			F	6	0		
			Omit	0	0		
				-	-		
F-835	F	27	A	1	6	0-24	4
			B	2	4		
			C	3	2		
			D	4	1		
			E	5	0		
			Omit	0	0		
				-	-		
		31-33	A	1	6		
			B	2	5		
			C	3	3		
			D	4	2		
			E	5	1		
			F	6	0		
			Omit	0	0		
				-	-		

Table E1-2 (cont.)

Scale	Scoring formula*	SIB item #'s	Response**		Weight***	Possible range of scores	No.of items
			Bklet. Option	Tape Code	w		
F-836	F	11,13	A	1	0	0-50	3
			B	2	12		
			C	3	14		
			D	4	16		
			E	5	18		
			F	6	20		
			Omit	0	0		
				-	-		
		12	A	1	0		
			B	2	6		
			C	3	7		
			D	4	8		
			E	5	9		
			F	6	10		
			Omit	0	0		
				-	-		
F-838	F	34 36-37 49	A	1	0	0-34	5
			B	2	3		
			C	3	4		
			D	4	5		
			E	5	6		
			F	6	7		
			Omit	0	0		
				-	-		
		35	A	1	0		
			B	2	6		
			C	3	5		
			D	4	4		
			E	5	3		
			F	6	2		
			Omit	0	0		
				-	-		

Table E1-2 (cont.)

			Response**		Weight***		
Scale	Scoring formula*	SIB item #'s	Bklet. Option	Tape Code	w	Possible range of scores	No.of items
F-837	F	51	B	1	30	0-83	5
			C	2	25		
			D	3	20		
			E	4	15		
			F	5	10		
			A	6	0		
			Omit	0	0		
				-	-		
		52,55	A	1	0		
			B	2	5		
			C	3	7		
			D	4	9		
			E	5	12		
			F	6	16		
			Omit	0	0		
				-	-		
		53	F	1	0		
			E	2	4		
			A	3	7		
			B	4	9		
			C	5	11		
			D	6	15		
				0	5		
				-	-		
		54	A	1	0		
			B	2	2		
			C	3	4		
			D	4	6		
			E	5	6		
			F	6	6		
			Omit	0	0		
				-	0		

Table E1-2 (cont.)

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[*] Scoring formulas

$$F = \Sigma w$$

$$P = \frac{k\ (\Sigma w)}{\Sigma w'}$$

[**] Item response indicators

A dash (-) in the "tape code" column indicates missing data.

0 means omitted item (which is not to be confused with missing data).

[***] Weights

A dash (-) where the weight is indicated means that the item is unscorable and that therefore any composite into which the item enters cannot be computed, and must therefore be treated as missing data.

APPENDIX E-2. Scoring formulas for other variables

P-scores and F*scores for Interest Inventory

There are two different sets of Interest Inventory scores that have been used extensively. They are designated respectively F*701 through F*717 and P-701 through P-717. The latter is the one recommended for most purposes. In these two Interest Inventory scoring systems, each item is scored as follows:

Response	Option	Item Score (w) F*701 Through F*717	Item Score (w) P-701 Through P-717	Weight for Answering Item (w')
A	Like very much	4	4	1
B	Like fairly well	3	3	1
C	Indifferent or don't know	2	2	1
D	Dislike a little	1	1	1
E	Dislike very much	0	0	1
Omit		2	0	0
Scoring formula		Σw	$\frac{\Sigma w}{\Sigma w'}$	

In the above scoring procedures, response weights have the following interpretation:

w = Item score
w' = Weight for answering item

If $\Sigma w' = 0$, scores on P-701 through P-717 are indeterminate, and are therefore represented on the tape by -0.

P* scores

For details concerning P*801 (Socioeconomic index), see Appendix E of The High School Years: Growth in Cognitive Skills (Shaycoft, 1967).

F scores

F-410 = R - 3W = 4R - 3A

F-420 = R - W = 2R - A

F-430 = R - 3W = 4R - 3A

F-440 = R - W = 2R - A

APPENDIX F

"COMPLETE CASES"

Appendix — Page

F-1 The 109 Project TALENT Variables Used as Predictors — F-2

F-2 Definition of "Complete Cases" — F-3

Appendix F was planned and developed by Marion F. Shaycoft.

APPENDIX F-1. The 109 Project TALENT variables used as predictors

	Instrument	Code Nos. for Variables	Nature of Variables	No. of Variables	
COGNITIVE VARIABLES	Information Test	R101-115, R131-152, R162	Information in specific areas	38	
	Other tests of aptitude and achievement	R211-212, R220, R240	Misc. verbal aptitudes	4	
		R231-235, R250	English and reading	6	
		R260, R270, R281-282, R290	Misc. aptitudes	5	
		R311-312, R333	Mathematics	3	
	4 highly speeded tests of clerical and perceptual skills	F410, F420, F430, F440	Speed and accuracy	4	
		A410, A420, A430, A440	Speed independent of accuracy	4	
			SUBTOTAL		64
NON-COGNITIVE VARIABLES	Preferences Test	A500	Decision making	1	
	Student Activities Inventory	R601-610	Personality traits	10	
	Interest Inventory	P701-717	Occupational interest scales	17	
			SUBTOTAL		28
	Student Information Blank	D802	HS curriculum (acad.)	1	
		F803	HS courses taken (acad.)	1	
		P820	HS grades	1	
		F822-823	Guidance received	2	
		P827	Study habits and attitudes	1	
		P828-829	Self-perception of reading and writing skills	2	
		F830	Amount of extracurricular reading	1	
		P831, F832	Extracurricular activities	2	
		P833, F834	Hobbies	2	
		F835	Participation in sports	1	
		F836	Leadership roles	1	
		F837	Social life	1	
		F838	Work activities	1	
			SUBTOTAL		17
			TOTAL	109	109

APPENDIX F-2. Definition of "complete cases"

1. In this report, some data analyses are indicated to be based on complete cases only. This term, "complete cases", has been defined to mean only those cases that have all of the following:

   a) Scores on all 109 of the variables listed in Appendix F-1
   b) Score on P*801 (socioeconomic index)
   c) Responses on all 10 of the following Student Information Blank (SIB) items:[1]

      29, 39, 41, 57, 62-64, 102-103, 111.

   Note that the above 120 variables are all operationally independent.

2. Cases that are complete on all 109 of the Appendix F-1 variables are also necessarily complete with respect to the following 103 SIB items, since these items are involved in the 17 a priori SIB scales:

   Items 1-28, 30-37, 49, 51-56, 58-61, 65-67,
   69-91, 97-101, 104-110, 112-129.

3. Cases that are complete on all 109 of the Appendix F-1 variables are also necessarily complete with respect to the following composites (defined in Appendix C or Appendix D-1).

R-190, R-192, R-100	(Information Test subtotals and total)
R-172	(Vocabulary total)
R-230	(English total)
R-320, R-334, R-340	(Math subtotals and total)

   C-001 through C-012
   C´004, C´005

4. Combining paragraphs 1-3 above, we see that "complete cases" have valid scores (in the cases of tests, scales, and composites) or valid responses (in the case of individual items) on all of the following:

Scores on 110 operationally independent tests and scales	The 109 Appendix F-1 variables; P*801
Scores on 22 defined composites of the above	R-172, R-190, R-192, R-100, R-230, R-320, R-334, R-340[2] C-001 through C-012, C´004, C´005[3]
Responses on 113 SIB items	SIB items 1-37, 39, 41, 49, 51-67, 69-91, 97-129

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[1] The SIB is reproduced in Appendix K of The American High School Student (Flanagan et al., 1964).

[2] See Appendix C.

[3] See Appendix D-1.

APPENDIX G

CODES FOR CAREER PLANS AND JOBS

Appendix		Page
G-1	Complete Four-Digit Codes (Q2-jb(4) and Q2-cp(4))	G-2
G-2	Condensed Codes (Q-2-jb-A and Q-2-cp-A)	G-22

Appendix G was planned and developed by Marion F. Shaycoft, who developed the coding systems defined in sections G-1 and G-2.

Appendix G-1: Codes Q2-jb(4) and Q2-cp(4)
(Complete 4-digit code for jobs and career plans)*

First 2 digits

0. No specific occupation

00. None
01-09. General categories only (no specific info.)
    01. Classified according to locus
    02. Classified according to "level"
    03. Classified according to activity
    04. Classified according to kind of business
    05-08. ____________________
    09. Other vague designations

1. Math and science

11. Math and allied
12. Physical sciences
13. Biological sciences
14. Medicine
15. Other health professions
16. Psychology

2. Other (professional and semi-prof.)

21. Social science
22. Writing and language skills
23. Religion and theology
24. Education
25. Library science and archival science

3. Cultural, Recreational, etc.

31. Art
32. Music
33. Dance
34. Drama
35. Other performing arts
36. Sports and athletics
37. Other recreational activities

4. Business, clerical, etc.

41-42. Business, other than sales
43. Sales
44-47. Clerical, office work, etc.
    44. Quantitative (other than data proc.)
    45. Data processing (IBM, etc.)
    46. Secretarial, steno., typing
    47. Other
48. Organized labor movement

5. Misc. Skilled Occupations

51. Electrical & mechanical
52. Manufacture & repair of misc. products
53. Structural
54. Mining and quarrying
55. Transportation
56. Printing
57. Misc. (involving creative or artistic elements)
58. Food & beverage preparation (other than domestic)
59. Other skilled occupations

6. Protective, military, etc.

61. Armed forces (NEC)
62. Intelligence (NEC)
63. Protective (other)

7. Agriculture, forestry, fishing

71. Farming (commercial)
72. Gardening, horticulture (ornamental)
73. Other agricultural occupations
74. Forestry, hunting, trapping
75. Fishing

8. Services and labor

81. Services (other than domestic)
82. Domestic services for private family
83. Boarding house & lodging house keeper
84. General labor, unspecialized
85. Inspectors
86. Miscellaneous semi-skilled

9. Other

91. Professional gamblers
92. Various "fringe" occupations
93. Criminal or illegal practice of licensable professions
94-99. Other

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*See footnote on page G-21.

4 Digit Code

00. None

- 000. No answer at all
  - 0001. Don't know
- 001. Answer not usable
  - 0011. Wisecrack
  - 0012. Illegible
  - 0013. Legible but incomprehensible
- 002. No specific income-producing occupation (not available for job)
  - 0020. Reason not indicated
  - 0021. Housewife
  - 0022. Student
  - 0023. Invalid
  - 0024. Incarcerated
  - 0025. Hobo (include "wanderer")
  - 0026. Health would not permit it
  - 0027.
  - 0028.
  - 0029. Other reason
- 003. Unemployed (available for job)
  NOTE: This category (003) may be used for a job code, but not for a career code.
- 004. Have part-time job.

  Not interested in full-time job because:

  - 0041. Housewife
  - 0042. Student
  - 0043. Invalid
  - 0049. Other reason
- 005. Unemployed (available for part-time job).

  Reason not interested in full-time job:

  - 0050. Reason not indicated
  - 0051. Housewife
  - 0052. Student
  - 0053. Invalid
  - 0059. Other Reason

01-09. General Category

NOTE: Use these codes only if nothing more specific is indicated or inferrable.

Classified according to locus

- 011. Civil Service
- 012. Work for government (Civil Service not indicated)
- 013. Industry
- 014. Business or commerce

Classified according to "level"

- 021. Proprietor; in business for self; contractor
- 022. Executive
- 023. Foreman

Classified according to activity

- 031. Research
- 032. Work with people
  - 0321. Work with children
  - 0322. Work with adolescents
  - 0323. Work with adults
  - 0324. Work with old people
- 033.
- 034.
- 035.
- 036.
- 037. Weather (NEC) (unless 1215, etc.)
- 038.
  - 0381. Peace Corps (except teaching, 2491)
  - 0382. Vista Volunteer
  - 0383.
- 039. "Classified" work, top secret work, etc.
  - 0391. For government
  - 0392. For private industry

Classified according to kind of business

- 041. Retail (or Merchandising)
  - 0411. Storekeeper
- 042. Wholesale
- 043. Manufacturing
  - 0431. Textiles
  - 0432. Plastics
- 044. Transportation
  - 0441. Railroad
  - 0442. Airlines
  - 0443. Trucking
- 045.
- 049. Other (include work for specific co.
  - 0491. Insurance (NEC) (see 4384)
  - 0492. Real Estate (NEC) (see 4383)
  - 0493. Electronics (unless 5112,1222)

Other vague designations

- 091. Humanitarian, philanthropist, patron of the arts, etc.
- 099. Other

11. Math and allied fields

- 111. Mathematician or mathematical statistician
  - 1111. Mathematician
  - 1112. Mathematical statistician
- 112. Statistician (NEC)
  - 1121. Actuary
- 113. Electronic computer specialist
  - 1131. Systems Analyst (or "systems engineer" if there is no indication that formal education in the field of engineering is involved, or if the area of concern seems to be primarily software, not hardware.) (cf. 1139)
  - 1132. Computer Programmer (unless just coding)
  - 1139. Computer engineer or systems engineer (Use this code only if there is some indication that formal education as an engineer is involved, and/or that the area of concern is primarily hardware, not software.)(cf. 1131)

12. Physical sciences (pure & applied)

- 121. Physical scientist
  - 1211. Chemist
  - 1212. Physicist
  - 1213. Astronomer
  - 1214. Geologist
  - 1215. Meteorologist
  - 1219. Other physical scientist (NEC)
- 122. Engineer
  - 1221. Civil and hydraulic
  - 1222. Electrical, electronic
  - 1223. Mechanical, automotive
  - 1224. Aeronautical, aerospace
  - 1225. Chemical
  - 1226. Mining, petroleum
  - 1227. Metallurgical
  - 1228. Engineering management (NEC)
  - 1229. Other engineer (NOTE: for Industrial engineer, see 4142)
- 123. Architect
- 127. Automation (NEC)
- 128. Lab Technician (physical sciences and unspecified)
  - 1281. Chemistry
  - 1282. Physics
  - 1287. Research technician
  - 1289. Other
- 129. Support Occupations
  - 1291. Draftsman, mechanical drawing
  - 1292. Surveyor
  - 1293. Lens grinder (except 1581)
  - 1294. Engineer's asst., Student engineer, etc.
  - 1295. Patent examiner
  - 1299. Other

13. Biological Sciences, Clinical Sciences, etc.

- 131. Biologist (NEC)
  - 1311. Zoologist (NEC)
  - 1312. Botanist (NEC)
- 132. Specialists in agricultural science
- 133. Specialists in fish, wildlife, & forestry science; conservation
- 134. Clinical sciences (non-MD's only)
  - 1341. Anatomy (human)
  - 1342. Physiology (human)
  - 1343. Microbiology (includes bacteriology, virology, immunology)
  - 1344. Biochemistry
  - 1345. Histology
  - 1346.
  - 1349. Other
- 138. Lab Technician, etc. (Biological science)
  - 1381. Lab Technician
  - 1382. Extern
  - 1383.
  - 1387. Research asst. (Biology)
- 139.
  - 1391. Paleontologist
  - 1392. Oceanographer
  - 1396. Other

14. Medical Doctors (M.D.)

- 1401. General practitioner
- 1402. Pediatrician (children's doctor)
- 1403. Gerontologist, geriatrician
- 1404. Internist (Do not confuse with interne!)
- 1405. Surgeon
- 1406. Pathologist
- 1407. Radiologist, roentgenologist (X-ray specialist)
- 1408. Preventive medicine
- 1409. Public Health

- 1411. Obstetrician, gynecologist
- 1412. Ophthalmologist, oculist (eye)
- 1413. Otolaryngologist (ear-nose-throat)
- 1414. Dermatologist (skin)
- 1415. Neurologist
- 1416. Anesthesiologist
- 1417.
- 1418.
- 1419.

- 1470. Medical Research

- 1491. Psychiatrist

- 1499. Other specialist

15. Other medical and health professions

- 151. Dentist
- 152. Osteopath
- 153. Veterinarian

- 154. Pharmacy
  - 1541. Pharmacist
  - 1542. Pharmacologist

- 155. Optometrist

- 156. Nursing
  - 1561. RN, graduate nurse, professional nurse
  - 1562. Practical nurse
  - 1563. Nurses' aid, orderly (NOTE: Psychiatric aide is coded 1681)
  - 1564.
  - 1565.
  - 1568. Medical serviceman (corpsman)
  - 1569. Other

- 157. Specialized Therapist
  - 1571. Dental hygienist
  - 1572. Podiatrist, Chiropodist
  - 1573. Physical therapist, physiotherapist
  - 1574. Occupational therapist
  - 1575. Chiropractor
  - 1576.
  - 1577.
  - 1578. Audiologist
  - 1579. Other

- 158. Medical and dental technology
  - 1581. Optician
  - 1582. Medical technologist
  - 1583. X-ray technologist
  - 1584. X-ray technician
  - 1585. Medical or dental or laboratory technician or assistant (NEC)
  - 1586. Anesthetist or nurse-anesthetist (If RN)
  - 1587. Anesthetist or nurse-anesthetist (unless RN)
  - 1588. Dental technology
  - 1589. Other hospital technician

- 159. Health-related Occupations
  - 1591. Hospital administration (NEC)

  - 1595. Public Health (NEC)

16. Psychology and related occupations

- 161. Psychoanalyst (non-MD)
- 162. Psychologist (other)
- 163.
- 164.
- 165.
- 167. Psychiatric Asst. (pre-MD)
- 168. Aide
  - 1681. Psychiatric Aide
- 169. Research Assistant (semi-clerical) (Include psychological and educational research)

21. Social Sciences & Allied Occupations

- 211. Social scientist
  - 2111. Historian
  - 2112. Political scientist
  - 2113. Economist
  - 2114. Sociologist (include criminologist)
  - 2115. Geographer (include cartographer)
  - 2116. Anthropologist
  - 2117. Statistician (primarily economic or social science statistician)
  - 2118.
  - 2119. Other
- 212. Government official or political party official (other than 213-216), Politics (NEC)
  - 2121. Government official-elected
  - 2122. Government official-appointed
  - 2123. Political Party official (NOTE: Political party worker, see 491)
- 213. Diplomacy, Foreign Service
  - 2131. Diplomat, ambassador, minister to foreign country
  - 2132. Consul
  - 2133. Diplomatic or consular attache
  - 2134.
  - 2135.
  - 2136.
  - 2139. Other
- 214. Law, Jurisprudence
  - 2141. Lawyer (NEC)
  - 2142. Government attorney (including district attorney)
  - 2143. Judge
  - 2144.
  - 2149.
- 215. Applied Social Science (misc.)
  - 2151. Intelligence analysts, Intelligence research analysts, etc.
  - 2152. Market Analyst
  - 2159. Other Research (NEC)
- 216. Public Administration (NEC)
- 217. Social Work
  - 2171. Social worker
  - 2172. Psychiatric social worker
  - 2173. Parole Officer, Probation Officer
  - 2174.
  - 2175.
  - 2176.
  - 2177.
  - 2178.
  - 2179. Other (incl. resident advisor or youth worker with Job Corps, unless have MS; also incl. Fld. supervisor for Neighborhood Youth Corps)
- 218. Counseling & Guidance (Non-psychologist)
  - 2181. Vocational and/or educational guidance
  - 2182. Family relations counselor, marriage counselor
  - 2183.
  - 2184.
  - 2189. Other
- 219. Other
  - 2191. Warden
  - 2192. City Planning (NEC)
  - 2193. Park administration
  - 2198. Archaeologist

22. Writing and Language Skills

- 220. Writer (NEC)
- 221. Fiction writers
  - 2211. Novelist, short story writer
  - 2212. Playwright, dramatist
  - 2213. Writer of children's stories
  - 2214.
  - 2215.
  - 2216.
  - 2219. Other
- 222. Poets, etc.
  - 2221. Poet
  - 2222. Lyricist, songwriter (words only)
- 223. Writers of non-fiction (other than 224)
  - 2231. Essayists
  - 2232. Critics
  - 2233. Free-lance writer
  - 2234. Technical writer
  - 2235.
  - 2239. Other

224. Journalist, Reporter, etc.
2241. Reporter, journalist, etc.
2242. Radio-TV newscaster, commentator
2243. Newspaper columnist
2244.
2245.
2246.

2249. Other

225. Writers & Editors for TV, radio, screen

226. Publisher, Editor of Publication, etc.
2261. Publisher
2262. Editor

227. Related Newspaper & Publishing Occupations
2271. Proofreader
2272.
2273.
2274.

2279. Other (NEC)

228. Occupations Requiring Knowledge of Foreign Language
2281. Translator
2282. Interpreter
2283. Linguist
(NOTE: Foreign language teacher, see 2425 or 2465)

2289. Other

229. Miscellaneous
2291. Copywriter (no details given)

23. Religion and Theology

231. Clergyman (Priest, minister, pastor, preacher, rabbi)
2311. Missionary (if clergyman)

232. Monk, brother, or nun
2321. Nursing order
2322. Teaching order
2323.
2324.

2329. Other

233. Lay Missionary (non-clergy)
2331. Medical missionary
2332. Missionary teacher

234. Director of religious education

235. Religious Education (not in a school) (NEC)

236. Salvation Army, etc.

237.

238.

239. Other

24. Education

240. "Teaching", unspecified

241. Teaching of young children
2411 Nursery school or kindergarten teacher
2412. Elementary school teacher

242. Secondary school teacher (including JHS) Except 2491
2421. Math
2422. Science
2423. Social studies
2424. English
2425. Foreign language
2426. Commercial ed.
2427. Home economics
2428. Trade & industrial ed.
2429. Physical education
2430.
2431. Art teacher } also in elemen-
2432. Music teacher } tary school
2433. Speech teaching

244. Teacher of handicapped
2441. Speech therapist
2442.
2443.
2444.

245. School Administration (except 247)
  - 2451. Director of nursery school or kindergarten
  - 2452. Elementary school principal, assistant principal, or other administration
  - 2453. Secondary school, principal, assistant principal, dean, or other administrator
  - 2454. School superintendent, etc.
  - 2459. School Community Coordinator, etc.

246. College or university teacher
  - 2461. Math
  - 2462. Science
  - 2463. Social studies
  - 2464. English
  - 2465. Foreign language
  - 2466.
  - 2467.
  - 2468.
  - 2469. Other (NEC)

247. College or university administration
  - 2471. College or university president
  - 2472. Dean
  - 2479. Other

248. Educational research and other Education Specialties (NEC)
  - 2481. Educational Research(NEC)
  - 2488. Reading Specialist

249. Other (NEC)
  - 2491. Teacher in Peace Corps
  - 2492. Grad. Asst. (Teaching and/or Research)
  - 2493. Teacher's aide
  - 2494.
  - 2495.
  - 2496. Dormitory mgmt. operators
  - 2497. Tutor
  - 2498. Hall counselor at college
  - 2499. Student proctor

25. Library science or Archival science

251. Librarians & related occupations
  - 2519. Other Library Work (Except Page, 2591)

252. Curators and related occupations

253.
254.
255.
256.

257.

258.

259. Other
  - 2591. Library page

26. Audio Visual Education (School or Industry)

29. Other

291. Philosopher

31. Art

311. Fine arts
  - 3111. Artist (painter)
  - 3112. Sculptor

312. Commercial artist, fashion artist, advertising artist, illustrator

313. Designer (Aesthetic) of manufactured goods (except 5741,5742)
  - 3131. Jewelry designer
  - 3132. Designer of consumer goods, etc. (e.g., auto)-Not 122

314. Cartoonist

---- Architect - (See 123)

317. Art teacher (unless teaching in school is specified)

318. Art expert, art critic

32. Music

321. Composer, songwriter
  - 3211. Composer of symphonies, opera, other serious music
  - 3212. Songwriter (popular)

322. Musician (instrumental)
  - 3221. Serious music (e.g., concert artist, symphonic orchestra, etc.)
  - 3222. Popular

323. Conductor, bandleader

324. Singer
    3241. Opera, other serious music
    3242. Folk songs
    3243. Popular

325. Director (e.g., opera)

326. Orchestrator, arranger

327. Music teacher (unless teaching in school is specified)

328. Producer, manager

329. Other
    3299. Very miscellaneous (e.g., Minister of Music)

33. Dance

331. Choreographer

332. Dancer (except 3741)
    3321. Ballet dancer
    3322. Other

333.

334.

335.

336.

337. Professional ice-skater (exhibitions, revues)

338. Instructor (unless 3741, Social dance instructor, is specified)
339. Other

34. Drama, Plays etc. (Stage, Motion Picture, TV, Radio) (except 2212)

340. Theater (NEC)

341. Acting, Stage

342. Directing

343. Designing stage settings, lighting, costuming, etc. (Tech. work, see 3519)

344.

345.

346.

347. Drama coach or teacher

348. Producing

349. Other

35. Other Performing Arts (not 32-34)

350. Vague designations
    3501. Entertainer (NEC)
    3502. Show business (NEC)

351. Misc. TV, radio, stage, and night club occupations
    3511. Announcer (TV or radio)
    3512. MC
    3513. Comedian
    3514. Chorus girl, chorus boy (NEC)
    3515.
    3516.

    3519. Other (include general tech. work, e.g., sound boom, monitor)

352. Misc. performers (other than 32-34, 351) requiring special skills. Includes magicians, ventriloquists, jugglers, acrobats, trapeze and high-wire artists, lion tamers, animal acts, etc.

353. Circus or carnival occupations
    3531. Performer (NEC)
    3532. Barker
    3533.
    3534.

    3538. Producer, manager, director
    3539. Roustabout, other support occupations

354.

355.

356.

357.

358. Modeling
    3581. Advertising model
    3582. Artist's model

359. Miscellaneous
    3591. Stunt man
    3592. Stand-ins (other)
    3593.
    3594.

    3599. Other

36. Sports and Athletics

No indic. of any specific sport
- 3600. Professional athlete
- 3630. Coach
- 3621. Umpire

Team Sports

	Professional Player	Umpire or Referee	Coach or Trainer	Manager	Not indic.
Baseball	3611	3621	3631	3641	3601
Football	3612	3622	3632	3642	3602
Basketball	3613	3623	3633	3643	3603
Hockey	3614	3624	3634	3644	3604
Combination (e.g., baseball or football)	3610	3620	3630	3640	

Individual Sports

	Participant	Referee or Judge	Trainer	Not indic.
Horseracing	3655 (jockey)	3665	3675	3605
Boxing, prize-fighting	3656 (boxer)	3666	3676	3606
Wrestling	3657 (wrestler)	3667	3677	3607
Combination (e.g., boxer or wrestler)	3650			

Pro or instructor in individual sports (primarily recreational)

Golf	3681.
Tennis	3682.
Swimming, water skiing, other water sports, lifeguard	3683.
Skiing	3684.
Ice Skating	3685.
Other	3689.
Combination (e.g., golf and/or tennis)	3680.

Other

Golf Caddie	3691.
Ball Retriever	3692.
Pin setter	3693.

37. Recreational Activities (Other)

- 371. Camping
  - 3711. Camp director
  - 3712. Counselor
  - 3713. Health Director
- 372. Park guides (Nat'l parks, etc.)
- 373. Scouting, 4H, etc.
  - 3731. Scout leader
  - 3732. 4H Club Agent
- 374. Dancing (ballroom, social)
  - 3741. Teacher
- 375. Bridge Pro
- 376. Sightseeing
  - 3761. Guide (NEC) (NOTE: Guide in forest, jungle, etc., see 743)
- 377.
- 378. Recreation or Playground director, (NEC)
  - 3781. Physical Ed. (NEC)
  - 3789. Arts & Crafts Teacher
- 379. Attendants (misc.) at recreation centers, amusement parks, sports facilities, zoos, aquariums, etc. (Include ride operators)

41-42. Business (Other than Sales)

- 411. Banking and Finance
  - 4111. Bank president
  - 4112. Banking (NEC)
  - 4113. Finance (NEC)
  - 4114. Investment Consultant, Stock Consultant, etc.
  - 4119. Miscellaneous
- 412. Accounting, Auditing, Comptroller
  - 4120. Accountant
  - 4121. Auditor
  - 4122. CPA
  - 4123. Other accountant (if kind is indicated)
  - 4124. Comptroller (NOTE: Actuary, see 1121)
- 413. Purchasing, Procurement (exclude 4392)
  - 4131. Purchasing Agent
- 414. Production management
  - 4141. Efficiency expert (NEC)
Industrial engineer (if efficiency expert is implied)
  - 4142. Industrial engineer (if efficiency expert is not implied)
- 415. Advertising
- 416. Public relations
- 417. Personnel administration
  - 4170. Personnel Administration (NEC)
  - 4171. Personnel management
  - 4172. Industrial Relations (NEC)
  - 4173. Labor Relations (for a company) (cf. 493)
- 418. Appraising, Estimating
  - 4181. Loan investigator
Credit investigator
  - 4182. Insurance adjustor, Insurance investigator
  - 4189. Other appraising, estimating
- 419. Management (of a specific kind of business or industry) "Business Administration"
  - 4191. Manufacturing management
  - 4192. Wholesale or retail trade management, marketing
  - 4193. Hotel management
  - 4199. Other (Include Restaurant management, loan company mgmt, mgmt. consultant) (NOTE: Check 422, 4391, 467, 468, and 8121 for other possibilities)
- 420. Business Admin. or Business Mgmt. (Other)
  - 4201. Budget analyst
- 421. Business agent for a private individual
  - 4211. Theatrical agent
  - 4212. Author's agent
  - 4213. Professional athlete's manager
  - 4219. Other
- 422. Supervisor in a business, (e.g., night manager) (NOTE: Factory supervisor or foreman, see 023. Office supervisor or mgr., see 467 or 468)

- 428. Misc. Specialized Business
  - 4281. Pawnbroker

43. Sales

- 430. Sales or selling (unclassified)
  - 4301. Salesclerk (NEC)
- 431. Salesclerk, checker, cashier in grocery store, 5-and-10, drug store, etc. (NOTE: This category implies the kind of clerk who merely registers sales after the customer has made his own selection.)
  - 4311. Primarily selling
  - 4312. Primarily checkout (in self-service store) (NOTE: Include grocery store check-out cashier, bagging of groceries at checkout, etc.)
  - 4313.
  - 4314. Primarily cashier (Include restaurant cashier) (NOTE: Box office attendant, see 4714)
- 432. Salesclerk in other retail store (e.g., department store, clothing store, hardware store, furniture store)
- 433. Routeman (milk, laundry, etc.)
- 434. Peddler, hawker
- 435. Door-to-door sales or canvassing or telephone canvassing
  - 4351. Books, magazines, encyclopedias, educational items
  - 4352. Other (NOTE: Survey interviewers, see 594)
- 436. Demonstrator
- 437. Auctioneer
- 438. Salesman, Saleswoman (except 431-437) (NOTE: These are "real" salesmen, as opposed to sales clerk, where higher pressure and/or more personalized selling is involved.)
  - 4381. Stockbroker
  - 4382. Securities dealer (other than 4381)
  - 4383. Real Estate
  - 4384. Insurance
  - 4385. Auto
  - 4386.
  - 4387.
  - 4388. Sales engineer (NEC)
  - 4389. Other commodities or services (Include salesman for wholesale concerns, e.g., Coca Cola)
- 439. Related Occupations
  - 4391. Sales Manager; Sales management (NOTE: Also check 422)
  - 4392. Buyer for Retail Store (NOTE: Check 413 for Purchasing agent, wholesale buyer, etc.)
  - 4393. Shopper, comparison shopper
  - 4394. Collectors (bill collectors)
  - 4395.
  - 4396.
  - 4397. Florist (Flower arranging, see 579)
  - 4398. Window display
  - 4399. Other (e.g., meter reader)

44-46. Clerical, Office Work, etc.

44. Computing and account recording occupations (other than punchcard or tape record equipment, such as IBM)

- 441. Bookkeeper
- 442. Teller or bank clerk
  - 4421. Teller
  - 4422. Bank clerk
- 443. Cashier (NOTE: This refers to a semi-clerical job, rather than just ringing a cash register)

- 444. Bookkeeping machine, accounting machine, proof machine operator (Not punched card or electronic)
- 445. Comptometer or adding machine operator
  - 4451. Statistical clerk (if operate adding machine but not desk calculator)
- 446. Desk calculator operator (e.g., Friden, Monroe, Marchant)
  - 4461. Statistical clerk (if operate desk calculator)
- 447. Statistical Clerk (except 4451, 4461)
- 448.
- 449. Other (Include Payroll clerk, records clerk, posting clerk, billing clerk, etc. unless typing or machine operation is indicated) (NOTE: Pre-professional clerks, see 476)

45. Punch Card, Paper Tape, Magnetic Tape Equipment (e.g., IBM)

- 450. "IBM", "IBM operator", "Computers", etc. (Proof Machine, see 444)
- 451. Electronic Computer (digital or analog)
  - ----. Computer systems analyst, see 1131
  - ----. Computer Programmer, see 1132
  - 4513. Coder for computer program
  - 4514. Operator
  - 4515.
  - 4516.
  - 4517.
  - 4518.
  - 4519.
- 452. Other punch-card equipment (off-line equipment, EAM equipment), other than keypunch or verifier (NOTE: Use this series of codes (452) as job code only if duties can be inferred to include plugboard or control panel wiring or plugging or supervising or checking this activity.)
  - 4521. Tab supervisor, IBM supervisor, electric accounting machine supervisor
  - 4522. Tab operator, electric accounting machine operator (Operation of other machines, such as reproducer, collator, interpreter, sorter, may also be included as additional duty)
  - 4523. Operator of IBM equipment other than tab or electric accounting machine (e.g., reproducer, collator, interpreter, sorter)
  - 4528. IBM (etc.) instructor-all phases, incl. wiring
- 453. Same as 452, except that plugboard or control panel wiring or plugging is presumably not involved (NOTE: Use this series of codes (453) as job code where appropriate, but it is not usually suitable for use as career code. For latter purpose, 452 series is better.)
  - 4531. Tab supervisor, IBM Supervisor
  - 4532. Operator
- 454. Keypunch and/or verifier and/or paper tape puncher
  - 4541. Keypunch supervisor or keypunch-and-verifier supervisor or flexowriter supervisor
  - 4542. Keypunch and/or verifier operator
  - 4543. Flexowriter operator
  - 4548. Keypunch Instructor
- 459. "Customer Support" Jobs for business machines (assistance in plugboard programming)

46. Secretarial, Steno, Typing, etc.

- 461. Secretary
  - 4611. Secretary-receptionist
  - 4612. Secretary-bookkeeper
  - 4613. Medical or dental secretary
  - 4614. Legal secretary
  - 4615. Executive Secretary
- 462. Stenographer (Include anyone other than 461 that takes shorthand)
  - 4629. Court Reporter, Hearing Reporter
- 463. Typist (shorthand not indicated)
  - 4631. Dictaphone operator
  - 4632. Statistical typist
  - 4633. Varitypist
  - 4634.
- 464. Clerk-typist (Include any Clerk whose duties include typing, e.g., payroll clerk who types)
- 465. File Clerk
- 466. General clerk in an office, general office work (except 464). (Include "clerk" if sales cannot be inferred)
- 467. Office supervisor, or supervisor of clerical staff (NEC)
- 468. Office manager
- 469. Other (e.g., paymaster)

47. Other Clerical, Office Work, etc.

- 471. Public contact occupations
  - 4711. Receptionist, information clerk
  - 4712. Hotel clerk (desk clerk, room clerk)
  - 4713. Telephone operator, Switchboard operator, PBX operator
  - 4714. Box Office attendant
  - 4715. Reservations and tickets (public transportation only)
  - 4716.
  - 4717.
  - 4718.
  - 4719. Other
- 472. Radio and telegraph operator
  - 4721. Radio operator
  - 4722. Telegraph operator
  - 4723. Teletype operator
  - 4729. Communications Specialist
    NOTE: Use this code only if there is some implication of radio or telegraph work
- 473. Office machine operator (NEC)
  - 4731. Duplicating machines, e.g., mimeo, ditto, verifax, thermofax, Xerox, etc. (include printing checks in a bank)
  - 4739. Misc. office machines (NEC) (not typewriter, calculator, etc.)
- 474. Stock checking occupations
  - 4741. Shipping and receiving clerk
    Order clerk
  - 4742. Stock clerk; inventory
  - 4749. "Expediter" (if it seems to involve stock;otherwise 4794)
- 475. Administrative work (NEC)
- 476. Clerks: Pre-Professional
  - 4761. Law clerk
- 477.
- 478. Misc. Communications Clerks
  - 4781. Mail clerks, postal clerks
  - 4782. Mail carriers
- 479. Miscellaneous
  - 4791. Office boys, office girls, messengers, errand boys,etc. (Delivery boy, see 8119)
  - 4792. News carrier
  - 4793. Dispatcher
  - 4794. "Expediter" (unless it seems related to stock-checking; see 4749)
  - 4799. Misc. (Include traffic checker who counts cars)

48. Organized labor movement

- 481. Trade union or labor union official
- 482. Labor organizer

49. Miscellaneous

- 491. Political worker (not an official)
- 492.
  - 4920. Notary
- 493. Labor relations (NEC) (cf. 4173)
- 494. Revenue agents, etc.

51. Electrical and Mechanical

- 511. Electrician and electronic technician
  - 5111. Electrician
  - 5112. Electronic technician (Include radar technician or operator and radio technicians)
  - 5113. Appliance (including refrig., air conditioning, etc.) and radio-TV repair
  - 5114. Telephone installation and repair
  - 5115. Field Engr. (for Telephone Co., etc.)
  - 5116. Computer technician
  - 5119. Other (incl. lineman)
- 512. Mechanic
  - 5121. Auto mechanic
  - 5122. Airplane mechanic
  - 5123. Office machine repair
  - 5124. Indus. Machinery repair/Millwright
  - 5125. Diesel mechanic
  - 5126.
  - 5127.
  - 5128.
  - 5129. Other specialty
- 513. Machinist, diemaker, diesinker, etc. (Include lathe operator) (NOTE: Unskilled or semi-skilled machine op., see 84-86)
- 514. Repair & servicing computers & punch-card equipment
  - 5141. Computers
  - 5142. Other (Include key-punch)

52. Manufacturer and/or repair of miscellaneous small products

- 521. Clock & watch making & repair
- 522. Scientific & Laboratory instruments
- 523. Photographic equipment repair
- 524. Musical instruments
- 525. Jewelry repair/and or manufacture
- 526.
- 527.
- 528.
- 529. Other

53. Structural

- 5311. Plumber
- 5312. Bricklayer, mason
- 5313. Roofer
- 5314. Welding, riveting, other metal trades
- 5315. Plasterer
- 5316. Painter
- 5317. Paperhanger
- 5318. Roadbuilding
- 5319.

- 5321. Carpenter
- 5322. Cabinet maker
- 5323. Tile-setting, etc. (Include laying floors)
- 5324. Glazier
- 5325. Auto Body
- 5326.

- 5329. Other (e.g., Woodwork)

- 5331. Operating heavy earth-moving equipment, e.g., tractor, steam shovel, bulldozer, other heavy machinery

- 5339. Installing and repairing furnaces, boilers, etc., "pipe fitting" (including stationary boilerman)

- 5381. Munitions, explosives, etc.

- 5399. Other (Include "Construction Job")

54. Mining, Quarrying, and Well-drilling

- 541. Mining
- 542. Quarrying
- 543. Oil drilling
- 544.
- 549.

55. Transportation

- 551. Railroad operation (NOTE: "Railroad", see 0441)
  - 5511. RR engineer
  - 5512. Fireman
  - 5513. Conductor
  - 5514. Switchman
  - 5515.
  - 5516.
  - 5517.
  - 5518.
  - 5519.
- 552. Aviation (flying jobs) (NOTE: "Airlines", see 0442)
  - 5521. Pilot
  - 5522. Flight engineer
  - 5523. Navigator
  - 5524.
  - 5525.
  - 5526.
  - 5527.
  - 5528. Astronaut
  - 5529. Other flying jobs (NOTE: Air traffic Control, see 5993)
- 553. Merchant Marine
  - 5531. Captain
  - 5532. Pilot
  - 5533. Mates (1st-4th)
  - 5534. Engineers (1st-4th)
  - 5535. Boatswain, bosun
  - 5536. Quartermaster
  - 5537. Seaman
  - 5538. Fireman, oiler, etc.
  - 5539. Other (Include tug boat operator)
- 554. Drivers -- Long Distance
  - 5541. Truckdriver -- long haul
  - 5542. Bus driver -- long haul, e.g., Greyhound, Trailways
- 555. Drivers -- local transportation
  - 5551. Truck driver -- local (e.g., delivery truck) (NOTE: Delivery boy, if trucking not inferrable, see 8119. Laundry truck, routeman, see 433)
  - 5552. Bus driver -- local
  - 5553. Taxi driver, cab driver
  - 5554. Chauffeur
  - 5555. Car driver, other
  - 5556.
  - 5557. Driving instructor
  - 5558. Streetcar motorman
  - 5559. Other (Include Parking lot attendant)
- 556. Drivers (Not known whether long-haul or local)
  - 5561. Truck driver
  - 5562. Bus driver
  - 5563* Fork lift; Baggage (now 845)

56. Printing

- 561. Compositor, typesetter, etc.
- 562. Engraver, photoengraver, etc.
- 563. Pressman, etc.
- 564. Lithographer
- 565. Linotype
- 566.
- 567.
- 568.
- 569. Other (NOTE: Printing checks, see 4731)

57. Miscellaneous (involving creative or artistic elements)

- 571. Photography
  - 5711. Photographer (except 5712)
  - 5712. Cameraman (motion picture,TV)
  - 5713. Photographic processing (still and motion picture)
  - 5714.
  - 5715.

  - 5719. Other
- 572. Interior decoration, Interior design

573. Landscape architect

574. Clothing and fashion trades
   5741. Fashion designer
   5742. Dressmaker
   5743. Tailor
   5744. Milliner
   5745. Furrier
   5746. Seamstress, sewing, sewing machine operator
   5747. Cutting
   5748. Leather trades
   5749. Other

575. Upholsterer

576. Lighting Specialist

577. Antique Specialist

578.

579. Other (Include flower arranging, taxidermist)
   (NOTE: Florist, see 4397)
   5791. Gemologist, jewelry appraiser, etc.

58. Food and beverage preparation (other than domestic service)

581. Dietitian
   (NOTE: Home Economist, see 592)
582. Chef, cook, baker
   5821. Industrial
   5822. In hotel or restaurant
   5823. Short-order cook

583. Butcher, meat-cutter

584. Bartender

585. Soda fountain or lunch counter attendant, etc.

586. Caterer, Catering

587.

588.

589.

59. Other

591. Steward, stewardess, hostess (except restaurant)
   5911. Ship steward
   5912. Airplane hostess, stewardess, steward
   5913. Train or bus hostess

592. Home Economist (NEC)

593. Deep sea divers, professional skin divers, etc.

594. Survey Interviews

595. Travel Agent, etc.

596. Breeding and/or raising and/or training animals (except 153 or 71 or 73)
   5961. Raising or training dogs or cats
598. Funeral director, mortician, undertaker, embalmer
599. Misc. Skilled Occupations (NEC)
   5591. Blacksmith, farrier, horseshoer
   5992. Fuel Specialist
   5993. Air Traffic Control
   5994. Sanitary Engineer (NEC)
   5995. Exterminator
   5996. Stationary Engineer (NEC)
   5997.
   5998.
   5999.

61. U.S. Armed Forces (NEC)

610. Armed forces (unspecified)
   6101. Enlisted
   6102. Officer

611. Air Force
   6111. Enlisted
   6112. Officer

612. Army
   6121. Enlisted
   6122. Officer

613. Navy
   6131. Enlisted
   6132. Officer

614. Marines
    6141. Enlisted
    6142. Officer

615. Coast Guard
    6151. Enlisted
    6152. Officer

62. Intelligence (NEC)
(e.g., Military intelligence, foreign intelligence, CIA,etc.)

621. Intelligence agent, counter-intelligence agent, espionage

(NOTE: Intelligence analyst, intelligence research analyst, etc., see 2151)

63. Protective (Other)

631. Police and detective, public service
    6311. Uniformed police (Include patrolman, motorcycle police, military police, police unspecified)
    6312. ------
    6313. Plainclothesman
    6314. Detective, special agent, etc. (except FBI and Secret Service)
    6315. FBI agents and Secret Service agents

632. Fireman, fire department

633. Sheriff, bailiff

634. Police and detectives, private

635. Guards and watchman (except 636)
    6351. Prison guard or jail guard
    6352. Guard or watchman in a bank, business, or industry

636. Crossing watchman

637. Rescue Squad, etc.

638.

639. Other (including foreign armed forces)

69. Miscellaneous government jobs (Non-Desk)- e.g., Drivers license examiner

71. Farming (commercial)
(Include poultry and dairy farming)

711. Farm or ranch owner
712. Farm or ranch manager or foreman
713. Tenant farmer
714. Hired hand (farm hand, ranch hand)
715. Migrant farm worker
716.
717.
718.
719. Other

72. Gardening, horticulture (ornamental)

721. Gardener

    7219. Other
    (Include Grounds Maintenance)

73. Other Agricultural Occupations

731. Nurseryman, etc.

739. Beekeeping, etc.

74. Forestry, Hunting, Trapping

741. Forester
(NOTE: If well-educated, consider using 133)
742. Hunting, trapping
743. Guide
744. Logging
745. Forest ranger, game wardens, etc.

749.

75. Fishing

81. Services (other than domestic)

- 811. Miscellaneous
  - 8111. Usher
  - 8112. Elevator operator, dispatcher
  - 8113. Packer, wrapper
    (NOTE: Bagger, see 4312)
  - 8114. Gas station attendant
  - 8115. Hospital attendant
    (NOTE: Orderly, see 1563)
  - 8116.
  - 8117.
  - 8118.
  - 8119. Other
    (Include carrying groceries, delivery boy)

- 812. Food Service (other than domestic)
  (NOTE: If involved in food preparation, see 5800)
  - 8121. Headwaiter, hostess in restaurant
  - 8122. Waiter, waitress, carhop
  - 8123. Busboy
  - 8124. Dishwasher, kitchen help (not 58)
  - 8125.
  - 8126.
  - 8127.
  - 8128.
  - 8129. Other

- 813. Drycleaning, pressing and laundering services (NEC)

- 814.

- 815.

- 816.

- 817. Personal services (physical contact)
  - 8171. Barber
  - 8172. Hairdresser, beautician
  - 8173. Manicurist
  - 8174. Masseur, masseuse
  - 8175. Cosmetologist
  - 8176.
  - 8177.
  - 8178.
  - 8179. Other

- 818. Personal services (other)
  - 8181. Porter (e.g, redcap, skycap)
    (NOTE: Not the janitorial type)
  - 8182. Bootblack
  - 8183. Bellhop, bellboy, bell captain
  - 8184. Housekeeper in hotel or other institution
  - 8185. Maid in hotel; Other maid (except 824)
  - 8186. Checkroom attendant, hatcheck girl
  - 8187. Attendant--Restroom, locker-room, bath, wardrobe and dressing room, other attendant (kind not specified)
    (NOTE: Hospital Attendant, see 8115)
  - 8188. Car washing, window washing, etc.
  - 8189. Other

- 819. Misc. services other than domestic (e.g., "poodle groomer")

82. Domestic service for private family

- 821. Housekeeper

- 822. Butler

- 823. Cook

- 824. Maid, laundress, dayworker

- 825. Houseman, yardman

- 826. Child care
  - 8261. Nursemaid, governess
  - 8262. Babysitter

- 827.

- 828. Companion

- 829. Other

83. Boarding house & Lodging house keeper

84. General labor, unspecialized

841. Factory, assembly line

842. Longshoreman, stevedore, loading

843. Janitor
(NOTE: If "Maintenance", see 86)

844. Factory work, unskilled, floor work

845. Fork Lift, Baggage (frmly 5563)

846.

847.

848.

849. Other

85. Inspectors

851. Inspectors of Manufactured product

859.

86. Miscellaneous Semi-Skilled Work (NEC)

861. Maintenance (NEC)

869. Machine operator, semi-skilled

91. Professional Gamblers

92. Various "fringe" occupations

921. Astrologers, fortune-tellers, palmists, tea-leaf readers, graphologists, mediums, etc.

922. Obviously untrained and unqualified practitioners of licensable professions
  9221. "Healers" (no medical degree)
  9222. "Psychologists" (no college)

93. Criminal or illegal practice of licensable professions (except 922)

931. "Lawyer" who has been disbarred or who was never licensed.

932. Illegal practice of medicine (except 9221)

94-99. Other

This section of the classification system will be expanded as the necessity arises.

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*Zeros are added at the end of a code of less than 4 digits to bring the number of digits up to 4. Such codes are used only when no more detailed information is available. For instance the code 1400 would be used for career of "M.D." or "doctor" if no further information is available as to whether he plans to go into general practice or to specialize. Likewise, someone who plans to become an "engineer," and gives no further details, is coded 1220.

Appendix G-2. Condensed job and career-plan codes (Q-2-jb-A and Q-2-cp-A)

Q-2-jb-A and Q-2-cp-A		Original (4-digit) codes Q2-jb(4) and Q2-cp(4)			
Job code	Career-plan code	Job code only	Career-plan code only	Both job & career-plan codes	
000	000			0000	No answer.
	001		0001		Undecided.
010	010			0021	Housewife
	020		0020, 0022-0029		No specific income-producing job (other)
022		0022			No specific income-producing job: Student
029		0020, 0023-0029			No specific income-producing job: Other.
030		0030			Unemployed & available for full-time job.
031		0051			Unemployed available for part-time job only: Housewife (NEC)
032		0052			Unemployed & available for part-time job only: Student
039		0050, 0053-0059			Unemployed & available for part-time job only: Other or not specified.
041		0041			Have part-time job only: Housewife
042		0042			Have part-time job only: Student
049		0040, 0043-0049			Have part-time job only: Other reason

Condensed Code	Original (4-digit) codes	
101	0220-0229	Executive (NEC)
102	0230-0239	Foreman (NEC)
111	0110-0129	Work for govt. (NEC)
112	0210-0219	Proprietor; contractor; in business for self (NEC)
120	0130-0149,0420-0439,4100-4109	Industry, business, or commerce (NEC)
121	0410-0419	Retail (NEC)
122	0440-0449	Transportation (NEC)
123	0492	Real estate (NEC)
124	0491	Insurance (NEC)
125	0493	Electronics (NEC)
129	0494-0499	Other specific industries (NEC)
131	4800-4809	Organized labor-movement (NEC)
140	0320,0322-0329	Work with people (NEC)
141	0321	Work with children (NEC)
150	0310-0319	Research (NEC)

Condensed Code	Original (4-digit) codes	
211	1100-1119	Mathematician (including math stat, etc.)
212	1120-1129	Other stat. (including actuary, etc.)
221	1131	Systems analyst (computer)
222	1132	Computer programmer
229	1130, 1133-1139	Computer specialist (NEC)
230	1200-1210,1216-1219, 1240-1279	Scientist or physical scientist (NEC)
231	1211	Chemist
232	1212	Physicist
233	1213	Astronomer
234	1214	Geologist
235	1215	Meteorologist
240	1220,1226-1229	Engineer (NEC)
241	1221	Civil and/or hydraulic engineer
242	1222	Electrical and/or electronic engineer
243	1223	Mechanical or automotive engineer
244	1224	Aeronautical engineer
245	1225	Chemical engineer
250	1230-1239	Architect
299	1280-1290, 1294-1299	Lab technicians & research assistants in physical sciences, engineering aides, etc.
310	1300-1319, 1391	Biologist,zoologist,botanist,paleontologist, etc.
313	1320-1329	Specialist in agricultural science
314	1330-1339	Specialist in fish, wildlife, forestry, conservation

Condensed Code	Original (4-digit) codes	
315	1542	Pharmacologist
316	1343	Microbiologist
317	1344	Biochemist
319	1340-1342,1345-1349	Other clinical sciences
321	1401	MD General practitioner
322	1405	" Surgeon
323	1491	" Psychiatrist
324	1470	" Medical researcher
329	1400,1402-1404,1406-1469, 1471-1490, 1492-1499	" Other and unspecified
331	1520-1529	Osteopath
332	1510-1519	Dentist
333	1530-1539	Veterinarian
335	1540-1541, 1543-1549	Pharmacist
336	1550-1559	Optometrist
337	1560-1561, 1586	Graduate nurse (RN)
339	1581	Optician
341	1571	Dental hygienist
342	1572	Chiropodist, podiatrist
343	1573	Physical therapist, physiotherapist
344	1574	Occupational therapist
345	1575	Chiropractor
346	1570,1576-1579	Specialized therapist: miscellaneous
347	1582-1583, 1588	Medical and dental technologists (other)
348	1380-1386, 1388-1389, 1580, 1584-1585, 1587, 1589	Medical and dental technicians (other); also lab technicians in biological & clinical sci.
349	1387	Research assistant in biology

Condensed Code	Original (4-digit) codes	
350	1590-1591	Hospital administration, etc.
360	1600-1609,1620-1629	Psychologist
361	1610-1619	Psychoanalyst (non-MD)
369	1690-1699	Psychological research assistant
370	2170-2171,2173-2179	Social work
371	2172	Psychiatric social work
372	2180,2183-2189	Counseling & guidance(non-psychologist)
373	2181	Vocational and/or educ. guidance (non-psychologist)
374	2182	Family relations, marriage counselor
381	2111	Historian
382	2113	Economist
383	2114	Sociologist
384	2116	Anthropologist
385	2198	Archeologist
389	2100-2110,2112,2115,2117-2119 2150-2151, 2153-2159	Social scientist (misc.)
391	2120-2129	Politics
392	2130-2139	Diplomacy, foreign service
393	2140-2149	Law
394	2152	Market analyst
397	2160-2169	Public administration (NEC)
398	2192	City planning (NEC)
399	4761	Law clerk

Condensed Code	Original (4-digit) codes	
400	2400-2409	Teaching (NEC)
410	2410	Teaching young children
411	2411	Teaching pre-school children
412	2412	Teaching elementary school
420	2420,2430,2434-2439	Teaching high school (NEC)
421	2421	Teaching h.s. math
422	2422	" " science
423	2423	" " social studies
424	2424	" " English
425	2425	" " foreign languages
426	2426	" " commercial ed
427	2427	" " home ec.
428	2428	" " trade & industrial ed.
429	2429	" " Phys. ed.
431	2431, 3170-3179	Teaching art (h.s.,elemsch,non-school)
432	2432, 3270-3279	" music (" " " " ")
433	2433	Teaching speech in h.s.
440	2440, 2442-2449	Teaching the handicapped
441	2441	Speech therapist
450	2450-2459	School administration(prin,supt,dean,etc) except college
460	2460, 2466-2469	College or university teacher (NEC)
461	2461	" " " " : Math
462	2462	" " " " : Science
463	2463	" " " " : Soc.Science
464	2464	" " " " : English
465	2465	" " " " : For.Lang.
470	2470-2479	College or univ. admin.
481	2481	Educ. research
488	2488	Reading specialist
489	2480,2482-2487,2489,2600-2699	Other educational specialist
491	2491	Peace Corps teacher
492	2492	Graduate assistant (Teaching and/or Research)

Condensed Code	Original (4-digit) codes	
499	2490,2493-2499	Auxiliary jobs in education (teachers' aide, etc.)
511	2510-2519	Librarians and related occupations
512	2520-2529	Curators and related occupations
521	2310-2319	Clergyman
522	2320-2329	Monk, brother, or nun
523	2300-2309,2330-2399	Religious workers, other
531	2200-2209,2220-2229 2250-2259, 2291	Writer (NEC)
532	2210-2219	Fiction writer (novelists, playrights,etc.)
533	2230-2239	Non-fiction writer, except journalist
534	2240-2241, 2243-2249	Journalists, reporters, etc.
535	2242	Radio-TV newscaster, commentator
536	2260-2261, 2263-2269	Publisher, etc.
537	2262	Editor
539	2280-2289	Translator, interpreter, linguist

Condensed Codes	Original (4-digit) codes	
541	3100-3119	Art,esp.fine arts (e.g. painter, sculptor)
545	3120-3129	Commercial artist, fashion artist advertising artist, illustrator
547	3130-3139	Designer of consumer goods (except clothing)
551	3220-3229	Musician (instrumental)
552	3240-3249	Singer
559	3200-3219, 3230-3239, 3250-3269	Music-related (misc.)
560	3300-3399	Dancer, choreographer, teacher of dancing (except social), etc.
571	3410-3419	Acting
572	3420-3429	Theatrical directing
575	3400-3409, 3430-3499	Theater: other or not specified
576	3501, 3512-3514, 3520-3529, 3531	Performer (misc.)
578	3511	Radio or TV announcer
579	3500, 3502-3510, 3515-3519, 3530, 3532-3579, 3590-3599	Miscellaneous performing arts: activities other than performing, or activities not specified
581	3580-3589	Model

Condensed Codes	Original (4-digit) codes	
611	3600, 3610-3619, 3650-3659, 3680-3689	Pro athlete
612	3601-3609, 3620-3649, 3660-3679	Pro athletics: umpire, referee, coach, trainer, manager, misc., and not specified
621	3780-3789	Recreation or playground director
622	3710-3739	Camping, scouting, park guide, etc.
623	7400-7599	Forestry, hunting, trapping, fishing, logging, etc.
631	7110-7119	Farm or ranch owner
632	7120-7129	Farm or ranch manager
639	7100-7109, 7130-7399	Farming: other and miscellaneous (Include gardener, nurseryman, etc.)
641	6101,6111,6121,6131,6141,6151	U.S.Air Force, Army, Navy, Marines, Coast Guard: enlisted personnel
642	6102, 6112, 6122, 6132, 6142, 6152	U.S. Air Force, Army, Navy, Marines, Coast Guard: officers
640	6100,6110,6120,6130,6140, 6150,6103-6109,6113-6119, 6123-6129,6133-6139,6143-6149, 6153-6159	U.S. Air Force, Army, Navy, Marines, Coast Guard: rank not indicated
650	6200-6219	Cloak-and-dagger (military intelligence, CIA, etc.)
661	6310-6314,6316-6319,6330-6339	Police (public) NEC
664*	6315	FBI and Secret Service
666	6320-6329	Fireman
669	6300-6309,6340-6389	Other protective (including private police & private detectives)

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*This category will become usable starting with the grade 9 5-year follow-up.

Condensed Codes	Original (4-digit) codes	
711	4110-4113	Banking and finance
712	4114	Investment consultant, stock consultant
716	4122; also 4120-4121, 4123-4129 if plan to acquire CPA	CPA
717	4120-4121, 4123-4129 if there is no indication of plans to acquire CPA	Accountant, auditor, comptroller (except CPA)
721	4130-4139	Purchasing and procurement
722	4392	Buyer for retail store
723	4140-4149	Efficiency expert, industrial engineer, production management (NEC)
724	4150-4159	Advertising
725	4160-4169	Public relations
726	4170-4179	Personnel administration
727	4180, 4189	Appraising, estimating
728	4181-4182	Loan investigator, credit investigator
730	4190, 4193-4199	Business management, business admin. (NEC)
731	4191	Manufacturing Management
732	4192	Wholesale or retail trade management; marketing
736	4210-4219	Business agent for a private individual
738	4220-4229	Supervisor in a business (e.g. night manager)

Condensed Code	Original (4-digit) codes	
741	4301,4310-4329	Salesclerk, checker, cashier in a store
742	4330-4339	Routeman
743	4381	Stockbroker
744	4382	Securities dealer (other than stockbroker)
745	4383	Real estate salesman
746	4384	Insurance salesman
747	4385	Auto salesman
748	4300,4380,4386-4389	Other salesmen (NEC)
749	4391	Sales manager
751	4410-4419	Bookkeeper
752	4420-4429	Teller or bank clerk
753	4430-4439	Cashier
755	4440-4499	Misc. computing and account-recording occupations (bookkeeping machine, adding machine, desk calculator operator, statistical clerk, billing clerk, etc.)
756	4540,4542-4543	Keypunch operator, flexowriter operator, etc.
757	4541, 4548	Keypunch or flexowriter instructor or supervisor
758	4500-4539, 4590-4599	Computer and EAM operator, supervisor, etc.

Condensed Code	Original (4-digit) codes	
761	4610-4611,4615-4619	Secretary (NEC)
762	4612	Secretary-bookkeeper
763	4613	Medical or dental secretary
764	4614	Legal secretary
765	4620-4629	Stenographer, court reporter, etc.
766	4630-4649	Typist, clerk-typist
768	2271	Proofreader
769	4650-4669	Clerk (misc.)
771	4670-4679	Office supervisor
772	4680-4689	Office manager
781	4713	Phone operator, PBX operator
789	4710-4712, 4714-4719	Other "public contact" occupations: receptionist, hotelclerk, reservations and ticket clerks, etc.
791	4720-4723	Radio, telegraph, or teletype operator
796	4782	Mail carrier
797	4690-4709, 4724-4749 4780-4781, 4783-4789	Miscellaneous clerical
798	4750-4759	Miscellaneous administrative

Condensed Code	Original (4-digit) codes	
810	5110-5111,5115-5119	Electrician (NEC)
811	5112	Electronic Technician
812	5113	Appliance repair
813	5114	Phone installation and repair
814	5140-5149	Repair and service computers & punch-card equipment
820	5100-5109,5120,5125-5129	Mechanic (NEC)
821	5121	Auto mechanic
822	5122	Airplane mechanic
823	5123	Office machine repair
824	5124	Industrial machine repair
825	5210-5239	Repair miscellaneous small mechanical objects (e.g. clock)
828	5130-5139	Machinist
831	5322	Cabinet maker
832	5321	Carpenter
833	5314	Metal trades
834	5312-5313, 5315-5317, 5323-5329	Bricklayer, mason, roofer, painter, plasterer,etc.
835	5311, 5339	Plumber, pipefitter
836	5318, 5331	Roadbuilding, earthmoving equipment
837	5300-5310,5319-5320,5330, 5332-5338, 5380-5399	Misc. building and construction
838	5400-5499	Mining, quarrying, well-drilling

Condensed Code	Original (4-digit) codes	
841	5521	Airplane pilot
842	5522	Flight engineer
843	5523	Airplane navigator
847	5528	Astronaut
848	5993	Air traffic control
851	5530-5539	Merchant marine occupations
852	5510-5519	Railroad engineer, conductor, fireman, switchman, etc.
853	5540-5562	Auto, bus, & truck drivers, etc.
861	5600-5699	Printing trades
863	1292	Surveyor
864	1291	Draftsman
865	5710-5719	Photography
866	5720-5729	Interior decoration
867	5730-5739	Landscape architecture
868	5740-5749	Clothing and fashion trades
871	5810-5819	Dietitian
872	5920-5929	Home economist (other and NEC)
873	5912	Airline steward, stewardess
881	5820-5829, 5840-5849, 5860-5869, 5800-5809, 5850-5859	Food and beverage preparation, etc. (chef, cook, baker, bartender, caterer)
885	5830-5839	Butcher, meat cutter

Condensed Code	Original (4-digit) codes	
891	8100-8139, 8170, 8174,8176-8189	Miscellaneous services (personal & other)
892	8171	Barber
893	8172, 8173, 8175	Hairdresser, manicurist, cosmetologist
894	1562	Practical nurse (PN)
895	1563-1569, 1680-1689	Nurses' aide, medical aide, psychiatric aide, etc.
896	8200-8299	Domestic service
899	8400-8699	General labor, unspecialized (unskilled & semi-skilled)
950	0100-0109, 0150-0209, 0240-0309 0330-0409, 0450-0490, 0500-1099 1140-1199, 1293, 1350-1379, 1390 1392-1399, 1500-1509, 1592-1599, 1630-1679, 1700-2099, 2190-2191, 2193-2197, 2199, 2270, 2272-2279, 2290, 2292-2299, 2413-2419, 2500-2509, 2530-2599, 2700-3099, 3140-3169, 3180-3199, 3280-3299, 3690-3709, 3740-3779, 3790-4099, 4115-4119, 4183-4188, 4200-4209, 4230-4299,4302-4309, 4340-4379, 4390, 4393-4409, 4544-4547, 4549-4589, 4600-4609, 4760, 4762-4779, 4790-4799, 4810-5099 5150-5209, 5240-5299, 5340-5379 5500-5509, 5520, 5524-5527, 5529 5563-5599, 5700-5709, 5750-5799 5870-5911, 5913-5919, 5930-5992 5994-6099, 6160-6199, 6220-6299 6390-7099, 7600-8099, 8140-8169 8190-8199, 8300-8399, 8700-9999	Miscellaneous

Condensed Code		Original (4-digit) codes			
Job code	Career-plan code	Job code only	Career-plan code only	Both job & career-plan codes	
980	980	0001	0030 0040-0059	0002-0009, 0031-0039, 0060-0099	Invalid codes
990	990			0010-0019	Other unusable answers
Blank	Blank			Blank	Missing data

APPENDIX H

PROJECT TALENT DATA BANK

Appendix		Page
H-1	Description of the Project TALENT Data Bank	H-2
H-2	Project TALENT Data Bank Projects	H-8
H-3	Sample Contract Letter	H-23

Appendix H was developed primarily by John G. Claudy (except for small sections of H-1 and H-2 prepared by Marion F. Shaycoft).

Appendix H-1. DESCRIPTION OF THE PROJECT TALENT DATA BANK

The Project TALENT Data Bank was established to make the large mass of data collected by Project TALENT available to the general research community. Since its formal inception in 1964 more than 100 projects have been initiated. (A complete list of these projects is presented in Appendix H-2.) The Data Bank is of course a nonprofit service of Project TALENT and AIR.

The scope of topics studied and the institutional affiliations of the researchers have varied widely. (See Tables H-1, H-2, and H-3.) About half of the projects have been conducted by university faculty members or graduate students who have small research grants to support their work. Through use of the Project TALENT Data Bank, the researcher with only limited funds has access to a data base far larger and more representative than his resources could otherwise provide. In fact, a majority of the studies which have utilized the Project TALENT Data Bank would not and indeed sometimes could not have been carried out if it were not for this data resource. The Data Bank has in effect been an interdisciplinary research medium--at least in terms of the disciplines represented by its users. Table H-4 shows the variety of disciplines represented.

The procedure for utilizing the Project TALENT Data Bank has several checks built in to assure that the researchers' ideas are being correctly interpreted by the Data Bank staff. Initial contact is almost always in the form of a letter or phone call to the Director of the Data Bank (who is also a regular Project TALENT research staff member) to inquire about the availability and suitability of Project TALENT data for a possible study. The Director of the Data Bank can usually tell the researcher immediately if the sort of data he desires is available and in what form. If potentially suitable data is available, the researcher is urged to consult the appropriate sections of published Project TALENT reports, and if necessary he is sent copies of the test booklets or follow-up questionnaires so that he can determine for himself whether the Project TALENT data will meet his needs.

TABLE H-1. Topics Studied by Data Bank Researchers

	Number of Projects
Draft system	1
Teachers	3
School inputs and outputs	13
Methodological	4
Medical students	5
School dropouts	2
Airline stewardesses	3
Youth behavior problems	2
Career plans and choice	10
Science vs. non-science students	3
College differences	5
High school counselors	1
Family and background effects	2
Geographic regions comparisons	3
Title I of ESEA evaluation	1
Military studies	3
Analyses of user data	2
Student group comparisons	11
Upward Bound evaluation	1
Driver education and highway safety	5
Marriage	1
Athletics, effects of participation	2
Clergymen	2
Negro male adolescents	1
Labor force entrance	2
Project SUCCEED evaluation	1
Federal aid effects	1
Suicide	1
Social mobility	2
Effects of socioeconomic status	4
Mental patients	1
Project PLAN	1
College financial plans	3
Educational attainment	2
Family size	1
Home-economics students	1
Gifted students	2
TOTAL	108

TABLE H-2. Institutional Affiliations of Researchers Who Have Carried Out Data Bank Projects

	Number of Projects
Allington Corporation	1
American Institutes for Research	9
American Institute of Physics	1
American Medical Association	4
Brookings Institute	1
Brown University	1
Bureau of the Budget	1
Bureau of Social Science Research	1
California, University of	2
Catholic University of America	1
Chicago, University of	1
College Placement Council	1
Columbia University	1
Commission on Human Resources and Advanced Education	9
Cornell University	1
Duke University	1
Eastern Regional Institute for Education	1
Educational Testing Service	1
Emory University	2
George Washington University	2
Great Lakes Colleges Association	1
Harvard University	4
Illinois, University of	3
Indiana University	2
Institute for Defense Analyses	2
Johns Hopkins University	1
Learning Research and Development Center	3
Mathematica, Inc.	1
Minnesota, University of	1
National Advisory Committee of Selective Service	1
National Institute for Mental Health	1
New York University	2
Northeastern University	1
Northwestern University	1
Ohio State University	1
Operations Research, Inc.	2
Pennsylvania State University	2
Pittsburgh, University of	8
Project PLAN	1
Project Yardstick	1
Purdue University	6
Research for Better Schools	1
Research Foundation for Mental Hygiene, New York State	1
Rocky Mountain Educational Laboratory	1
Rutgers, The State University	1
San Diego Unified School District	1
Southern Illinois University	1
Stanford Research Institute	2
Stanford University	1
State University of New York	2
Syracuse University	1
Toledo, University of	1
United States Air Force	1
United States Office of Education	6
Wisconsin State University	1
Total no. of projects	108
Total no. of institutions	55

TABLE H-3. Data Bank Projects and Institutional Affiliations of Researchers, classified according to kind of institutional control

Control of institution	No. of Projects	No. of Institutions
Governmental (Federal, state, local)	13	8
Universities	52	28
Private organizations (other)	43	19
TOTAL	108	55

TABLE H-4. Research projects which have used the TALENT Data Bank, classified according to discipline of researcher

Discipline	No. of projects
Education	49
Psychology	28
Economics	13
Sociology	10
Institutional Research	1
Communications	1
Library science	2
Medicine	3
Home Economics	1
TOTAL	108

Then follows a period while the researcher decides whether he wants to carry out the Data Bank project and organizes his final research plan. During this period there are usually letters, phone calls, and an occasional visit which help to answer questions about the data and about the analyses to be carried out. When the researcher's plans are in final form, the Data Bank staff prepares cost and time estimates for the project. These are submitted to the researcher in the form of an informal contract letter which he and the appropriate person in his institution's accounting department are requested to sign. The original contract is then returned to the Director of the Data Bank. The researcher is also required to send a partial prepayment, usually one-fourth of the estimated cost, to the AIR accounting office. (A sample contract letter is shown in Appendix H-3.) Upon receipt of the signed contract and prepayment, a detailed set of final specifications, in the terminology used by the computer programmer, describing the analyses to be carried out is prepared and sent to the researcher for his approval. Thus the researcher has one final check of how his research plan will be carried out. When the specifications have been approved, the Data Bank project is carried out and the output sent to the researcher. The entire process may take anywhere from a month to several years (an extreme).

When the initial Project TALENT testing was done in 1960, assurances were given that the data collected would not be released in such a manner that the individual students, schools, school systems, cities, or states could be identified. The smallest intact units for which data that permits comparison by name may be provided are geographical regions combining several states. In light of these assurances, the standard policy has been for Data Bank personnel to carry out the analyses, as formulated by the researcher, and provide summary computer printouts so that he can make his own interpretations and write his own reports. In certain circumstances the Data Bank may supply the researcher with raw data on cards or tape after removing all information which would allow identification of individual students, schools, school systems, cities, or states. Requests of this sort must be made in writing and accompanied by supporting justifications. The request must then be approved by the Data Bank Policy Review Committee, which is charged with the responsibility for seeing that the assurances are not violated and that good research practice will be followed.

Almost all Data Bank projects have been carried out on a cost-reimbursable basis. In a few special cases, however, at the request of the researcher, fixed price contracts have been arranged. Without knowing the details of a project, it is virtually impossible to estimate costs since they have ranged from less than one hundred dollars to more than seven thousand dollars. The median project cost is in the vicinity of fifteen hundred dollars. Costs are a function of a number of factors, all related to the complexity of the study. These include: the number of grades, cases, and variables involved; the amount of variable recoding and the number of tape merges necessary; and the type of analysis or analyses required. Researchers are urged to develop their plans as carefully as they can before the study starts, since changes that they decide on after a study is already under way can increase the cost substantially. For instance the cost of including a single extra variable is usually negligible if it is decided on at the beginning of a study but if this same decision were not made until the work tape had already been prepared it would add a sizable amount to the cost. Researchers are advised of this in advance, since it is our policy to cooperate fully with their efforts to keep their costs down.

Time estimates, like cost estimates, can only be prepared after details of a project are fairly definite, since the time required depends on the complexity of the project and the current Data Bank work load.

The Project TALENT Data Bank Handbook published in 1965 is currently out of print, but a revised edition is being prepared and should be available soon. A small booklet entitled "A National Data Resource for Behavioral, Social and Educational Research" describes the purpose and function of the Data Bank, as well as background information on Project TALENT. When first published this booklet was sent to almost ten thousand persons engaged in educational and related research. Copies are now available from the Project TALENT office in Palo Alto.

Appendix H-2. PROJECT TALENT DATA BANK PROJECTS[1]

AIR Account Number	Researcher and Organization	Project Summary
TA-1	The Institute for Defense Analysis Arlington, Virginia	Evaluated the draft system using follow-up data about students' attitudes toward military careers.
TA-2	Robert Veit George Washington University	Studied Student Information Blank items relevant to parental background to determine the characteristics of the families who produced prospective teachers. College respondents who indicated a preference for a teaching career were compared with all other freshman respondents.
TA-3	Stanford Research Institute	Received analyses of Project TALENT school data regarding the relationship between characteristics of the schools and the amount of impact aid received. Questions answered concerned what types of schools receive impact aid, what they do with this aid, and what difference this aid means in terms of school output.
TA-4	W. Donald Hubbard Harvard University	Was provided with 205 Interest Inventory Item responses for tenth grade college males. The data were used in a methodological design for the purpose of determining the ways in which interest measures could be predictive of career choice.
TA-5	David Balzer Pennsylvania State University	Studied the influences of selected personal and situational characteristics on shifts in preferences for teaching careers. Analyzing data from Project TALENT and college information from the state department of education, subjects were classified on the basis of shifts in vocational interests between eleventh-grade and the end of their freshman year in college.
TA-6	Jesse Burkhead Economics Department Syracuse University	Utilized Project TALENT school means on aptitude and achievement tests, school characteristics items, guidance program items, and census data to study a number of economic relationships between school system inputs and outputs.

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[1] This list does not include projects begun prior to the fall of 1964.

AIR Account Number	Researcher and Organization	Project Summary
TA-7	The American Medical Association	Utilized items regarding family background, finances, grades, etc., to compare high school students interested in medicine as a career with students of comparable ability not interested in medicine.
TA-8	Joseph French Pennsylvania State University	Compared the background characteristics of high ability dropouts with those of a sample of twelfth-grade Project TALENT participants who scored in the upper 25 per cent on a specified ability measure.
TA-9	Thomas Ribich Brookings Institution	Studied the relationship between school expenditures and various school output variables such as test scores, college attendance rate, and high school drop-out rate. The data were stratified by Office of Education regions and socioeconomic indices.
TA-10	The Division of Operation Analyses U.S. Office of Education	Used General School Characteristics items for the purpose of analyzing the relationship between certain school practices and the achievement of students.
TA-11	The Measurement and Evaluation Institute American Institutes for Research	Used personality and achievement data to compare twelfth-grade girls indicating an interest in becoming airline stewardesses with those not planning a career as a stewardess.
TA-12	The Institute for Research on Organizational Behavior American Institutes for Research	Conducted an examination of 16,000 Knox County, Tennessee students who were in grades 8-12 when tested by Project TALENT in 1960. The purpose of this study was to determine the relationship between test results and criterion information regarding truancy, dropout, mental health, delinquency, and similar behavior problems.
TA-13	Helen Astin Commission on Human Resources and Advanced Education	Conducted a study of ninth-graders to identify variables that were predictors of career choice.

AIR Account Number	Researcher and Organization	Project Summary
TA-14	The American Medical Association	Conducted a follow-back study of Project TALENT data by providing us with the names of medical students who had been tested by Project TALENT in 1960. The records of these students were then pulled from our Master File. The initial AMA study using these data involved a comparison of the following three groups: (1) medical students who planned medicine as a career, (2) medical students who planned something other than medicine as a career, and (3) students who planned medicine as a career but did not enter medical school.
TA-15	The High School Science Research Program University of Pittsburgh	Used the Interest Inventory, the Student Activities Inventory and the Creativity test from the 1960 TALENT Battery in a testing program of science and non-science students. The purpose of the study was to compare the test results of both groups to see in what ways science students differ from the non-science.
TA-16	John K. Folger The Commission on Human Resources and Advanced Education Washington, D. C.	Studied the career plans, verbal and quantitative scores, and interests of the Project TALENT students attending senior and junior colleges in the United States. Described the characteristics of students in these various colleges and the differences among colleges.
TA-17	Ann Martin University of Pittsburgh Graduate School of Library and Information Sciences	Analyzed a sample of the responses to two items in the Counselor's Questionnaire. The purpose of this analysis was to determine the counseling duties of the individual answering the questionnaire and to find out how each would set up programs if free to develop his own schedules.
TA-18	John K. Folger and Alan E. Bayer Commission on Human Resources and Advanced Education	Analyzed items from the Student Information Blank, aptitude composites, temperament scales, the socioeconomic-environmental index, and post-high school education, as related to birth order and family size.
TA-19	Research for Better Schools, Inc. Pennsylvania	Compared the characteristics of Project TALENT schools from two regions with the characteristics of all Project TALENT schools.

AIR Account Number	Researcher and Organization	Project Summary
TA-20	John K. Folger Commission on Human Resources and Advanced Education	Studied characteristics of colleges and junior colleges that Project TALENT students are attending. Colleges were classified according to type of institution, size, cost, and quality of students.
TA-21	Helen Astin The Commission of Human Resources and Advanced Education	Analyzed five career groups, Business, Teaching, Engineering, Professions and Sciences. These groups have been further broken down into: (a) those who had the same career plan in twelfth-grade as they had in ninth-grade, (b) those who left a career group during that period, and (c) those who joined a new career group.
TA-22	The Rocky Mountain Educational Laboratory	Studied the characteristics of schools in the Rocky Mountain area using data from the General School Characteristics file.
TA-23	School of Education George Washington University	Used Project TALENT Test Booklet A (Information section and Student Activities) for testing program in conjunction with its contract on the evaluation of Title I of the Elementary and Secondary School Act of 1965 (District of Columbia).
TA-24	Wallace J. Knetz Human Resources Research Program American Institutes for Research	Received Project TALENT data from the 1960 testing for all students in selected schools that had participated in the National Science Foundation Summer Science Training Program. The purpose of this research was to compare SSTP students with non-SSTP students.
TA-25	The Aerospace Medical Division Air Force Systems Command United States Air Force	Analyzed the performances of various occupational, college major, and branch-of-military-service subgroups on operational Air Force tests. Estimates of the Air Force test scores were computed for each twelfth-grade student in the Project TALENT sample, and these score estimates were converted to Air Force percentile scores.
TA-26	Dale Prediger Education Department University of Toledo	Studied the effects of socioeconomic level, academic ability, and college grades on college persistence. He used data collected from young men in the original 1960 testing when they were twelfth-graders and in the one-year follow-up study.

AIR Account Number	Researcher and Organization	Project Summary
TA-27	Dr. J. Cohen University of Pittsburgh	The Data Bank Service computed canonical correlations on data provided by Dr. Cohen.
TA-28	Ann Martin Graduate School of Library and Information Sciences University of Pittsburgh	Compared aptitude, achievement, and family background items for six post-high-school groups. A second study utilized data from the General School Characteristics file to determine the influence of type of school, grade structure, senior class size, percentage of dropouts, number attending college, remedial reading program, housing, and type of district (rural or urban) on school characteristics.
TA-29	Raymond Hummel Learning Research and Development Center University of Pittsburgh	Administered Project TALENT tests to eleventh-grade students in the Upward Bound Program and to 22 educators participating in Project SUCCEED workshops. These test scores were then used for a self-appraisal conference between the educators and the Upward Bound students.
TA-30	Helen Astin Commission on Human Resources and Advanced Education	Studied career plan changes from ninth-grade to one year after high school.
TA-31	Eastern Regional Institute for Education, Inc.	Compared all schools in New York State (excluding New York City) and selected Pennsylvania schools with all Project TALENT schools in the nation.
TA-32	Glenn E. Roudabush Department of Psychology University of Pittsburgh	Conducted a study to compare several procedures for predicting college grades.
TA-33	Harry Bredemeier Sociology Department Rutgers University	Used the retest data to measure the relationship between academic growth of high-school students and selected school characteristics. He also studied the relationship between personal characteristics of the student and his intellectual growth.
TA-34	Dr. Robert F. DeHaan Programmed Instruction Project Great Lakes Colleges Association Hope College, Michigan	The Data Bank Service computed factor analyses and multiple regressions on data provided by Dr. DeHaan.

AIR Account Number	Researcher and Organization	Project Summary
TA-35	Herbert J. Kiesling Department of Economics Indiana University	Studied the relationships of cost and size to the quality of performance of the Project TALENT high schools. Selected aptitude and intelligence scores and information from the Student Information Blank for a 10 per cent sample of all grades were matched with information concerning the high schools these students attended.
TA-36	William J. Asher Purdue University	Conducted a study to determine the differences in personality, social characteristics, habits, grades, and intellectual abilities among four groups of twelfth-grade students with respect to driver education programs.
TA-37	James C. Burrows Bureau of the Budget	Analyzed Project TALENT school means on selected aptitude and achievement tests, the average socioeconomic-environmental index of the pupils in the school, items from the General School Characteristics questionnaire, and census data to determine the relationship between school inputs and outputs.
TA-38	Alex Ducanis State University of New York	Examined Project TALENT data on New York State high-school students. His purpose was to provide the New York State Regents with information about students' college plans and their financial arrangements for post-high school education.
TA-39	Alan E. Bayer Commission on Human Resources and Advanced Education Washington, D. C.	Studied the twelfth-grade five-year follow-up data to examine aptitude, socioeconomic level, dating experience, and college experience as related to age at marriage.
TA-40	The Measurement and Evaluation Program American Institutes for Research	Received distributions of responses for Student Activities Interest scales, Interest Inventory items, Student Information Blank items, aptitude and achievement scores, and five-year follow-up data for females who indicated they were airline stewardesses at the time they answered the five-year follow-up questionnaire. These analyses compared the scores of stewardesses with those of other twelfth-grade girls in the Project TALENT sample.

AIR Account Number	Researcher and Organization	Project Summary
TA-41	Emil Bend Social Systems Program American Institutes for Research	Studied the twelfth-grade five-year follow-up data to examine the possible differences in grades, career plans, personality measures, and other areas for high school boys who participated to varying degrees in athletics.
TA-42	Dosia Carlson University of Pittsburgh	Studied the characteristics of the people who in twelfth-grade and/or in the five-year follow-up study indicated clergyman as their career plan. The characteristics of these people were compared with those of people who had career plans in other areas.
TA-43	The National Advisory Commission on Selective Service	Used Project TALENT data to compare the cutoff scores on the Selective Service Qualification Test (SSQT) with estimated Armed Forces Qualification Test (AFQT) national population distributions.
TA-44	John K. Folger Commission on Human Resources and Advanced Education	Studied the five-year follow-up data for students in junior and senior college and at various levels of higher education, and compared college major, grades, academic aptitude, and socioeconomic level.
TA-45	Catherine M. Sobota Department of Counselor Education University of Pittsburgh	Studied the relationships among selected personality variables, level of aspiration, perceived academic achievement, and socioeconomic level in a sample of ninth-grade male Negro adolescents.
TA-46	Raymond Hummel Learning Research and Development Center Pittsburgh	Received analyses predicting career occupations for tenth-grade males from their Project TALENT test scores.
TA-47	College Placement Council Bethlehem, Pennsylvania	Received analyses of career plans and training, jobs held, grades, and type of college attended for students who responded to the five-year follow-up questionnaire.
TA-48		Not assigned.
TA-49	Alan E. Bayer Commission on Human Resources and Advanced Education	Studied background factors affecting educational attainment. The five-year follow-up data were used to determine educational attainment, and school and 1960 test scores were the background factors.

AIR Account Number	Researcher and Organization	Project Summary
TA-50	Robert G. Spiegelman Stanford Research Institute	Estimated the probability of a person attaining a certain level of education and of being employed or unemployed when he enters the labor force by means of sets of regression equations using the Project TALENT tenth- and twelfth-grade follow-up surveys and the 1960 school and student data.
TA-51	The American Medical Association	Compared medical students in the United States, medical students in foreign universities, and pre-med majors not attending medical school, using Project TALENT's follow-up surveys and a follow-back survey of all medical students in the United States attending schools in the 1960 Project TALENT sample. Factor scores and the socioeconomic index were the bases for these comparisons.
TA-52	Eugene Lee Emory University	Received discriminant analyses using the one-year and five-year follow-up data for twelfth-grade males. He examined migration in and out of seven career groups in the fields of mathematics, science, and secondary school teaching.
TA-53	Edward Haurek Sociology Department University of Illinois	Received tapes containing tenth- and twelfth-grade one-year follow-up data and school data. These data were used on a study of educational aspiration and achievement as related to socioeconomic level.
TA-54	Herbert J. Kiesling Department of Economics Indiana University	This project was a continuation of T-35 and included recoding of the Student Information Blank item, Father's Occupation.
TA-55	Michael Decker Yardstick Project Cleveland, Ohio	Received multiple stepwise regression analyses with school characteristics as the criteria and census data as the predictors.
TA-56	The Measurement and Evaluation Program American Institutes for Research	Obtained data for a group of United Air Line stewardesses who had been tested in Project TALENT. Criterion information regarding each girl's airline training record and performance was also obtained. Characteristics of the UAL stewardesses were compared with stewardesses from other airlines, a random sample of girls of the same age group, and a model group assumed to have desirable stewardess characteristics.

AIR Account Number	Researcher and Organization	Project Summary
TA-57	Emil Bend Social Systems Program American Institutes for Research	Continued his study of the differences among twelfth-grade males who participated to varying degrees in athletics and extracurricular high-school activities. Socioeconomic level and academic aptitude were also used as control variables.
TA-58	Thomas E. Hutchinson Information System for Vocational Decisions Harvard University	Received a tape of Project TALENT twelfth-grade data for subjects who indicated on the one-year follow-up that they held jobs in sales, or were secretaries, electricians, mechanics, carpenters, or unskilled laborers. Variables of number of hours worked, amount of money earned, and test scores were included in this study.
TA-59	The Program Planning and Evaluation Office U. S. Office of Education	Received separate analyses of Project TALENT tenth-grade one-year follow-up data, and twelfth-grade one-year and five-year follow-up data. The purpose of the study was to analyze the educational level, job plans, abilities, career plans, and socioeconomic level of students in general and vocational high-school programs.
TA-60	Dr. Samuel Bowles Harvard University	Conducted a study to explain public school outcomes in terms of Project TALENT's aptitude and achievement test batteries and post-high school experience as measured in the five-year follow-up questionnaire sent to 12th-grade boys. He controlled on measures of school inputs and measures of the social background of the students and their community.
TA-61	Dr. Raymond Hummel Learning Research and Development Center University of Pittsburgh	Borrowed Project TALENT tests and inventories for use by Project SUCCEED in its Coordinated Information and Guidance System.
TA-62	Dr. Patricia Sexton Professor of Sociology New York University School of Education	Studied the status, problems, and characteristics of 9th-grade boys. She contrasted the characteristics of the highest achieving boys with those at lower levels of achievement to determine the strengths and weaknesses of boys who do not succeed in school, as well as the kinds of school programs that might be best adapted to their success.

AIR Account Number	Researcher and Organization	Project Summary
A-63	Clifford P. Hahn Human Resources Research Program American Institutes for Research	Compared SSTP (National Science Foundation Summer Science Training Program) students with non-SSTP students by using the Project TALENT follow-up data.
A-64	Dr. Louise Cureton American Institutes for Research	Was provided with one-year follow-up data for her study of students in grades 9 through 12 in the Knoxville sample.
A-65	Dr. John C. Hause Department of Economics University of Minnesota	Used TALENT data for a systematic analysis of the relationship of earnings, ability, and education of male respondents to the 11th-grade five-year follow-up. He also used the 1960 test data and the one-year follow-up data from Project TALENT.
A-66	Dr. William Asher Graduate Educational Research Training Program Purdue University	Conducted a study of characteristics of schools which do and do not offer driver education. He used distributions on several items from the General School Characteristics Questionnaire.
A-67	Dr. William Asher Undergraduate Research Training Program Purdue University	Used TALENT data to examine the nature of driver factors in automobile accidents. He utilized 12th-grade one-year follow-up data as well as related data in the original 1960 testing.
A-68	Dr. Eugene C. Lee Education Department Emory University	Attempted to determine and define career paths of certain teachers and those who never carried out plans for teaching. He was provided with discriminant analyses using the one-year and five-year follow-up data [illegible] 12th-grade girls. This was similar to a previous study done on the boys in this sample.
A-69	Lewis J. Perl University of California at Berkeley	Conducted a comparative study of higher education and other post-high school activities of students from California high schools and other high schools.
A-70	Dr. William W. Cooley Department of Educational Research University of Pittsburgh	Was provided with 1960 Project TALENT 10th-grade test data and the one-year follow-up data on females to develop a career taxonomy.
A-71	Miss Dee Burton American Institute of Physics	Was provided with data analyses based on the TALENT 12th-grade 5-year follow-up data, which she used in a study to determine the reasons so few students choose physics as a major or career.

AIR Account Number	Researcher and Organization	Project Summary
TA-72	Mr. Howard Vincent U.S. Office of Education	Studied student, school, and follow-up variables, in order to evaluate the significance of the following differences: (1) differences among high school graduates from different programs (i.e., general, college preparatory, commercial, vocational, agricultural); (2) differences between high school graduates and dropouts; (3) differences among non-college-going high school graduates, first-year college dropouts, and college students who don't drop out the first year; (4) differences among six groups of junior college students; and (5) differences among 11 groups of college and university students.
TA-73	Mr. Bruce Black Psychology Department Wisconsin State University	Was provided with biographical history data gathered in 1960 which he used to predict ability changes over a 3-year period. Data from the 1963 retesting constituted the criteria.
TA-74	Dr. Peter Voigt U.S. Office of Education	Incorporated 11th- and 12th-grade TALENT data in a study of the effects of Federal scholarships, grants, and loans on higher education. Independent variables under consideration include income, ability, place of residence while attending college, source of college financing, family size, and number of colleges attended.
95075	Dr. Austin Swanson State University of New York at Buffalo	Attempted to predict the mean factor scores for 150 school districts on 22 factor scores after partialing out mean socioeconomic index for the school district. He used as his predictors economic data he had collected about the school district.
95076	Dr. Stephen Hoenack Institute for Defense Analysis	Was provided with 1960 data and 10th- and 12th-grade follow-up data for use in comparing abilities and income of individuals in the armed forces with those in other occupations.
81754	Dr. William Asher Department of Education Purdue University	Received data to study the characteristics of people involved in and those not involved in traffic accidents. This was a continuation of Data Bank Project TA-67.

AIR Account Number	Researcher and Organization	Project Summary
81755	Dr. Christopher Jencks Economics Department Harvard University	A data tape was prepared for Dr. Jencks who studied the relationship between school "inputs" and school "outputs" using school characteristics data, 1960 test scores and background information, 1963 retest data, and one-year follow-up data.
81756	Dr. Alan Kerckhoff (directing Mr. James Porter) Department of Sociology Duke University	Received data on which to perform a multivariate analysis of the factors which determine the positions in the social system ultimately occupied by persons who began life in different parts of the social system.
81757	Mr. Lewis Perl University of California at Berkeley	Received data enabling him to show the relation between success in college and students' personal and school characteristics, using 12th-grade 1960, 1-year, and 5-year data.
81758	Dr. Robert Eisner (directing Mr. Robert Wallace, doctoral candidate) Department of Economics Northwestern University	Received school data and 11th-grade student data for use in a study evaluating the effects of the school on the students' attainment. In the second phase of this study they received data on the 9th-grade retest sample.
81759	Dr. Helen S. Astin Bureau of Social Science Research Washington, D. C.	Studied the career choices among women using follow-up data for 12-grade girls. The analyses included comparisons between those whose career choices changed and those whose career choice remained stable. Dr. Astin was sent both crosstabulations and discriminant analyses.
81760	Mr. Louis F. Bush Assistant Director of Testing Services, San Diego Unified School District	Obtained data on cards to conduct a study to determine whether or not interrelationships exist between the size of a family and the degree to which individual members of the family develop their potentialities, with differences of racial-ethnic backgrounds and other variables taken into account.
81761	Dr. Stuart H. Altman Department of Economics Brown University	Is conducting several studies using Grade 11 girls. The first two analyses provided crosstabulations on socioeconomic status and family income, job and education level one year after high school, and career expectations five years after high school. We are currently awaiting further requests in this continuing study.

AIR Account Number	Researcher and Organization	Project Summary
95077	Dr. Joel M. Cantor National Institute of Mental Health	Carried out an exploratory study of the feasibility of using TALENT data to study factors related to suicide among young adults.
95078	Mr. James C. Byrnes Office of Program Planning and Evaluation Department of Health, Education, and Welfare	Was provided with data anlysis for use in a study of the characteristics of college students, dropouts, vocational students, semi-professionals, and high school graduates with no further education, according to sex, socioeconomic index, and aptitude.
95079	Dr. Richard B. Darlington Cornell University	Received SIB item responses and 5-year follow-up responses for use in methodological studies in the theory of prediction.
95080		Not assigned.
95081	Mr. Joe L. Spaeth NORC University of Chicago	Conducted an evaluation of the effect of college entry on prestige expectations using 12th-grade males.
95082, 95083, 95084		Not assigned.
95085	Mr. Howard Vincent U. S. Office of Education	Was provided with numerous distributions and crosstabulations for a sample of 11th- and 12th-grade females. His study focused on comparisons of ability and test scores, socioeconomic status, and present job and income among students in different types of educational programs after high school.
81751	Miss Margaret E. Backman Columbia University	Was provided with data for use in comparing characteristics of students from different ethnic and socioeconomic backgrounds.
81752	Dr. David Wilder (continuing the work of Dr. Harrington Gosling) Biometrics Research New York City	Is conducting a follow-back study of New York residents who are presently in New York mental institutions. Dr. Wilder was provided with a data tape containing selected information on New York mental patients who were part of the Project TALENT sample. We are currently awaiting further requests in this continuing study.
81753	Dr. Lloyd G. Humphreys Psychology Department University of Illinois	Received intercorrelations of test scores for groups of 9th-grade boys who scored in the top or bottom quartile on socioeconomic status and general academic ability. Dr. Humphreys also received frequency distributions of the socioeconomic status and ability variables.

AIR Account Number	Researcher and Organization	Project Summary
81762	Dr. John C. Flanagan Project PLAN	Received (1) frequency distributions on 17 TALENT tests for retest cases at 9th- and 12th-grade levels and (2) multiple correlations on 17 variables for use in predicting career group membership.
81763	Dr. William Paisley Stanford University	Received a raw data tape of selected variables for use in methodological research on correlational analysis and the convergent-discriminant matrix.
81764	Dr. John T. Dailey Allington Corporation	Used TALENT battery in a project to prepare inner-city youth for apprentice programs.
88851	Dr. Patircia Cross Education Testing Service	Received an extensive set of crosstabulations for use in a study of college attendance, especially at junior colleges, by low-achieving students.
88852	Dr. William Asher Purdue University	Conducted a follow-back study of Project TALENT students who were later killed in Indiana traffic accidents. Dr. Asher provided us with a list of traffic fatalities and after searching our files we provided him with a data tape containing selected information.
88853	Dr. John McCall Southern Illinois University	Received a data tape containing selected information for use in a study of relationships between ability scores, family size, and birth order, controlling for socioeconomic status.
88854	Miss Anne Crowley The American Medical Association	Is conducting a follow-back study of Project TALENT students who have applied to and/or entered medical school. The AMA provided a list of 82,000 persons and we are currently searching the TALENT files to find matches.
88855	Dr. John Bishop New York University	Is conducting a study of the effectiveness of college scholarship programs and the potential effects of their modifications.
88856	John Holland The Johns Hopkins University	Was supplied data for use in a study to estimate the influence of education and background factors on the entry of students into the labor market and the effects of their entry.

AIR Account Number	Researcher and Organization	Project Summary
88857	Rupert N. Evans University of Illinois	Conducted a large scale study of the background characteristics and outcomes for students who were in different curricula in high school. Of particular interest were students in vocational and technical education programs. Among the variables investigated were socioeconomic status, academic aptitude, and education since high school. 1960, 1963 retest, one-year follow-up, and five-year follow-up data were used in the study.
88858	James Griesen The Ohio State University	A follow-back study of Project TALENT participants who later entered dental or pharmacy schools is being conducted. The exact nature of the analyses to be carried out has not been determined.
88859	Cletus Brady Catholic University of America	Was supplied with tables and printouts based on a follow-back study of Catholic males who were stable in, defected from, or were recruited to a choice of the clergy for their career plans.
88860	Barbara Spaulding Purdue University	Was supplied with discriminant analysis printouts which compare college home-economics majors with a sample of non-home-economics majors. Ninth-grade data were used.
88861	Peter M. Plantec Operations Research, Inc.	An analysis of differences between gifted and average students, and differences between gifted students in schools with programs for the gifted and in schools without programs for the gifted.
88862		Pending.
88863	Zachary F. Lansdowne Mathematica, Inc.	Was provided with tables to be used in the refinement of an enrollment-student aid model for higher education.
88864	David H. Kamens Northeastern University	Is studying college effects on dropouts. He is concerned with such variables as social class, ability, and the type of college the student attended as these variables jointly effect the probability of dropping out.
88865	Peter M. Plantec Operations Research, Inc.	Carried out an additional analysis of the differences between gifted and average students as was done in project 88861. However, a different selection variable was used.

Appendix H-3. SAMPLE CONTRACT LETTER

AMERICAN INSTITUTES FOR RESEARCH
INSTITUTE FOR RESEARCH IN EDUCATION

April 30, 1971

Dr. John Q. Doe
American Institutes for Research
P.O. Box 1113
Palo Alto, California 94302

Dear Dr. Doe:

The estimated cost of your project using the facilities of the Project TALENT Data Bank is $875-$1,000. This figure includes charges for computer time, staff time, and overhead; and applies to the project discussed in our letters. Every effort is made to make this cost estimate as accurate as possible; however, costs may deviate from the estimate and all Data Bank work is done on a cost-reimbursable basis.

The following conditions pertain to this Data Bank utilization:

1. Work tapes generated in conjunction with this project will be retained for 60 days following completion of all analyses. Additional retention can be purchased, and requires notification in writing.

2. You will supply us with two copies of any reports generated from the analyses using TALENT data, and we request that the following statement be included on any such report or publication:

   > "This investigation utilized the Project TALENT Data Bank, a cooperative effort of the U.S. Office of Education, the American Institutes for Research, and the University of Pittsburgh. The design and interpretation of the research reported herein, however, are solely the responsibility of the author(s)."

3. A prepayment of $250 must be received before work can be initiated. The final billing, based upon the actual cost, will be made upon completion of the project. Checks should be made payable to the American Institutes for Research and sent by Registered Mail to the following:

   Mr. Joseph Trapani, Controller
   American Institutes for Research
   Chatham Center Office Building
   Pittsburgh, Pennsylvania 15219

mailing: P.O. BOX 1113, PALO ALTO, CALIFORNIA 94302 • (LOCATION: 1791 ARASTRADERO ROAD) • TEL 415 328 3550

If you are in agreement with the above estimate and conditions, please sign the original of this letter and have the second line signed by the appropriate person in your accounting office. Return the original to me. When this estimate is signed it is in effect a contract between the Data Bank customer and the American Institutes for Research.

Yours sincerely,

John G. Claudy, Ph.D.
Director of the Data Bank

Project Director: John Q. Doe Date

Title Date

APPENDIX I

FOLLOW-UP OCCUPATIONAL CHOICES FOR STUDENTS CHOOSING EACH OCCUPATION IN HIGH SCHOOL

Table No.		Page
I-1	Grade 11 Males	I-2
I-2	Grade 11 Females	I-4
I-3	Grade 12 Males	I-6
I-4	Grade 12 Females	I-8

Appendix I was planned and developed by James M. Richards, Jr.

TABLE I-1

Follow-up Occupational Choices of 11th Grade Males
for Each High School Occupational Choice

	Original Choice																		
Final Choice	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1. Undecided, No Answer	13.3	10.0	6.2	6.3	5.1	5.0	8.4	3.9	4.3	5.5	7.1	6.9	20.3	4.1	7.0	5.9	5.0	5.6	6.7
2. Housewife	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. Mathematician	0.9	0.0	8.7	5.0	3.7	2.0	3.2	1.9	3.4	1.8	0.0	2.8	0.0	2.1	0.0	1.6	1.3	1.5	3.4
4. Physical Scientist	0.4	10.0	3.7	13.6	2.2	2.5	2.6	1.6	1.7	2.2	7.1	1.4	0.0	1.0	3.5	0.2	0.0	1.2	1.1
5. Engineer	3.4	0.0	9.9	11.8	21.5	19.0	3.5	2.2	4.6	3.3	0.0	1.4	1.4	1.0	0.0	1.9	5.0	2.0	3.4
6. Engineering or scientific aide	0.6	0.0	1.2	1.2	0.7	0.5	0.9	0.6	0.9	1.5	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.8	1.1
7. Biological Scientist	0.7	0.0	0.0	1.9	0.7	0.5	8.1	3.3	0.9	2.9	0.0	2.8	0.0	2.1	1.8	0.5	1.3	1.1	1.1
8. Physician	0.3	0.0	2.2	4.9	1.1	0.5	3.2	22.1	5.2	2.9	0.0	6.9	0.0	6.2	1.8	1.4	0.0	0.3	3.4
9. Dentist	0.1	10.0	0.0	0.8	0.6	0.5	0.6	4.4	10.1	1.1	0.0	1.4	0.0	2.1	1.8	0.5	1.3	0.8	0.0
10. Pharmacist	0.4	0.0	0.6	0.6	0.6	0.0	0.6	2.4	1.7	12.8	7.1	1.4	0.0	1.0	0.0	0.0	0.0	0.0	1.1
11. Nurse, or Misc. Therapist	0.4	0.0	0.3	0.4	0.1	0.0	0.0	0.8	1.7	1.1	0.0	2.8	0.0	1.0	0.0	0.0	0.0	0.4	0.0
12. Medical or Dental Technician	0.3	0.0	0.0	0.8	0.2	1.0	0.6	1.3	1.1	0.7	0.0	5.6	0.0	0.0	0.0	0.2	0.0	0.5	1.1
13. Social Worker	0.4	0.0	0.6	0.9	0.2	0.0	1.5	0.6	1.1	0.4	0.0	1.4	4.1	1.0	0.0	0.7	1.3	1.1	1.1
14. Sociologist or Psychologist	0.9	0.0	1.6	2.5	1.4	1.5	2.3	4.3	2.6	0.7	0.0	2.8	4.1	11.3	1.8	1.4	0.0	1.9	5.6
15. Political Scientist or Economist	0.1	0.0	1.6	0.9	0.7	1.5	1.2	0.9	1.1	0.0	0.0	1.4	0.0	2.1	1.8	0.9	0.0	0.5	0.0
16. Lawyer	0.4	0.0	1.6	3.5	2.5	1.0	1.7	7.7	4.3	1.5	0.0	2.8	2.7	4.1	17.5	24.7	1.3	1.9	3.4
17. Elementary School Teacher	0.1	0.0	0.0	0.5	0.2	0.0	0.0	0.0	0.9	0.7	0.0	0.0	1.4	1.0	0.0	0.5	7.5	1.3	0.0
18. High School Teacher	4.4	10.0	12.1	7.0	5.9	7.5	10.2	6.8	9.5	12.0	7.1	11.1	8.1	15.5	15.8	7.0	26.3	30.5	14.6
19. College Professor	2.0	0.0	9.9	10.2	2.7	3.0	5.8	5.8	3.7	1.5	0.0	1.4	5.4	6.2	12.3	6.6	1.3	6.8	25.8
20. Clergyman	0.4	0.0	0.6	1.2	0.7	0.5	0.3	0.8	0.0	0.7	0.0	0.0	1.4	4.1	1.8	1.0	2.5	2.3	6.7
21. Writer	0.9	0.0	0.6	0.5	0.3	1.5	0.9	0.6	0.0	0.7	0.0	0.0	0.0	0.0	1.8	1.6	0.0	1.3	1.1
22. Artist or Entertainer	1.2	0.0	0.6	0.4	0.6	0.0	0.9	0.9	1.7	1.1	0.0	0.0	0.0	3.1	1.8	1.0	1.3	0.8	2.2
23. Forester	0.3	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24. Farmer	1.9	0.0	1.2	0.3	0.7	0.5	0.6	0.2	0.9	0.7	0.0	0.0	1.4	0.0	1.8	0.7	1.3	1.5	1.1
25. Armed Forces Enlisted Man	1.2	0.0	1.2	0.4	0.4	0.0	0.6	0.2	0.6	0.0	0.0	0.0	0.0	1.0	0.0	0.7	1.3	1.1	0.0
26. Armed Forces Officer	0.3	0.0	1.2	1.3	1.2	0.5	1.2	0.9	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.5	0.0	1.2	1.1
27. Policeman or Fireman	2.9	0.0	0.6	0.4	0.9	0.5	0.9	0.9	1.1	1.1	7.1	1.4	4.1	0.0	1.8	2.3	1.3	1.2	0.0
28. Businessman	12.2	20.0	9.9	9.1	14.6	18.5	15.4	8.8	14.7	13.9	21.4	11.1	8.1	14.4	17.5	14.8	7.5	11.6	4.5
29. Salesman	4.7	0.0	1.2	1.7	2.8	3.5	2.0	3.2	5.2	2.9	7.1	1.4	5.4	5.2	3.5	5.1	2.5	4.0	2.2
30. Accountant	2.8	0.0	3.7	1.9	3.6	2.5	2.0	2.4	2.9	4.4	0.0	2.8	0.0	2.1	0.0	3.1	5.0	3.3	2.2
31. Secretary, Clerk, Typist	1.9	0.0	1.6	0.3	1.4	1.0	1.5	0.6	0.9	2.6	7.1	1.4	1.4	2.1	0.0	0.7	3.8	1.3	0.0
32. Craftsman	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33. Skilled Worker	19.8	10.0	6.5	3.5	10.4	10.0	5.5	2.7	4.0	7.7	7.1	13.9	10.8	1.0	3.5	4.9	5.0	4.0	1.1
34. Structural Worker	5.7	20.0	0.6	0.1	1.5	3.5	1.5	0.5	2.0	0.4	0.0	0.0	8.1	1.0	0.0	0.5	5.0	1.1	2.2
35. Airplane Pilot	1.2	0.0	2.8	1.6	1.6	2.5	0.3	1.9	2.0	1.1	7.1	2.8	0.0	0.0	0.0	1.6	0.0	0.7	0.0
36. Barber or Beautician	0.6	0.0	0.3	0.0	0.1	0.0	0.0	0.2	0.0	0.7	7.1	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.0
37. Other	12.7	10.0	6.5	4.7	8.9	9.0	11.9	4.6	5.2	9.5	7.1	11.1	10.8	4.1	1.8	7.0	12.5	6.6	2.2

TABLE I-1 (con't.)

	Original Choice																		
Final Choice	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	Total
1. Undecided, No Answer	4.8	11.5	8.0	9.6	6.7	13.3	11.0	7.4	7.0	9.8	7.3	8.5	5.1	10.1	8.0	10.4	5.2	10.9	7.5
2. Housewife	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
3. Mathematician	2.1	3.8	0.0	0.4	1.0	2.2	1.2	1.6	1.7	1.0	2.9	0.0	0.9	1.7	2.9	2.3	1.3	1.6	2.4
4. Physical Scientist	0.0	0.0	0.0	0.9	0.3	0.9	1.3	0.0	0.3	0.0	0.3	0.0	0.0	0.2	0.6	1.8	0.0	0.7	1.7
5. Engineer	2.1	0.0	2.1	4.3	1.8	2.8	4.3	1.9	2.4	3.9	1.0	0.0	2.3	5.4	4.0	4.5	0.0	3.1	7.4
6. Engineering or scientific aide	0.2	0.0	0.3	1.1	0.4	1.2	1.4	0.0	0.5	0.0	0.3	0.0	0.5	0.6	1.1	0.7	0.0	0.8	0.7
7. Biological Scientist	0.0	0.0	0.3	5.7	2.1	0.0	0.5	0.8	0.1	0.0	0.7	0.0	0.0	0.5	1.1	0.2	0.0	0.8	1.1
8. Physician	1.8	0.0	0.0	0.9	0.1	0.0	0.0	0.4	0.7	0.0	0.3	0.0	0.5	0.0	0.0	0.5	0.0	0.5	1.8
9. Dentist	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.9	0.0	0.3	0.0	0.0	0.1	0.0	0.2	0.0	0.4	0.8
10. Pharmacist	0.0	0.0	0.0	0.2	0.1	0.3	0.4	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.1	0.6
11. Nurse, or Misc. Therapist	0.5	0.0	0.0	0.6	0.4	0.3	0.8	0.8	0.5	1.0	0.0	0.0	0.5	0.0	0.0	0.0	1.3	0.5	0.4
12. Medical or Dental Technician	0.5	0.0	0.7	0.6	0.0	0.3	0.2	0.8	0.1	2.0	0.5	0.0	0.5	0.0	0.0	0.7	0.0	0.7	0.4
13. Social Worker	1.6	1.3	0.7	0.2	0.1	0.0	0.4	0.8	0.7	0.0	0.5	2.1	0.5	0.4	0.0	0.5	0.0	0.4	0.5
14. Sociologist or Psychologist	4.6	3.8	0.7	0.4	0.4	0.6	1.0	0.0	1.8	0.0	1.1	0.0	1.4	0.1	0.0	0.9	1.3	1.3	1.5
15. Political Scientist or Economist	0.5	1.3	0.0	1.1	0.1	0.0	0.7	0.8	1.1	0.0	0.2	0.0	0.5	0.0	0.0	0.2	0.0	0.6	0.6
16. Lawyer	2.7	3.8	1.4	0.9	0.3	0.3	1.4	0.4	4.6	1.0	2.1	0.0	0.0	0.4	0.0	1.4	0.0	1.7	2.9
17. Elementary School Teacher	0.2	0.0	0.3	0.9	0.0	0.9	0.4	0.0	0.2	1.0	0.5	0.0	0.0	0.1	0.6	0.0	0.0	0.2	0.4
18. High School Teacher	9.6	10.3	10.1	5.1	6.1	4.6	4.4	4.7	5.9	2.9	6.2	2.1	4.6	2.0	4.0	6.3	5.2	7.0	7.6
19. College Professor	6.8	6.4	5.6	1.7	1.4	1.2	1.2	0.0	2.5	1.0	2.0	0.0	0.9	0.2	0.0	1.1	1.3	1.7	3.4
20. Clergyman	32.8	1.3	1.0	0.4	0.4	1.2	0.8	0.0	0.3	0.0	0.8	2.1	1.4	0.2	1.1	0.7	1.3	1.1	1.6
21. Writer	1.6	20.5	1.7	0.6	0.1	0.0	0.4	0.4	0.6	0.0	0.3	0.0	0.9	0.1	0.6	0.2	0.0	0.6	0.7
22. Artist or Entertainer	0.7	2.6	19.9	1.3	0.4	0.9	1.0	1.2	1.0	2.0	0.7	2.1	0.9	0.4	0.6	0.9	1.3	2.1	1.3
23. Forester	0.0	0.0	0.0	1.5	0.6	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.5	0.0	0.2	0.2
24. Farmer	0.2	0.0	0.7	3.2	31.7	1.5	0.8	1.6	0.8	2.0	0.5	2.1	1.4	0.9	1.7	1.6	0.0	1.2	2.2
25. Armed Forces Enlisted Man	0.2	0.0	0.0	0.0	0.4	1.2	1.3	0.0	0.2	0.0	0.0	0.0	0.9	0.6	1.1	0.7	1.3	0.4	0.5
26. Armed Forces Officer	0.5	2.6	0.3	0.6	0.1	0.9	3.5	0.0	0.2	0.0	0.5	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.8
27. Policeman or Fireman	0.9	0.0	2.8	1.7	1.3	2.5	3.5	18.3	1.1	2.9	1.3	2.1	0.5	1.8	2.3	1.6	0.0	2.5	1.8
28. Businessman	10.0	16.7	15.7	13.2	6.0	10.5	14.3	12.8	30.2	18.6	22.8	23.4	13.9	10.4	10.3	15.2	11.7	15.0	14.1
29. Salesman	3.4	1.3	3.1	2.3	3.4	1.5	3.7	4.3	10.1	18.6	5.5	0.0	0.5	4.9	2.3	3.6	2.6	4.9	3.9
30. Accountant	2.5	0.0	2.1	3.4	1.4	3.4	3.3	0.8	5.6	3.9	20.5	10.6	4.2	2.4	2.3	2.5	3.9	2.6	3.6
31. Secretary, Clerk, Typist	1.1	1.3	2.4	1.7	1.6	3.7	2.7	2.3	2.1	2.9	3.6	8.5	2.8	3.2	2.3	2.3	3.9	2.2	1.8
32. Craftsman	0.0	0.0	[illegible]	[illegible]	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1.4	0.1	1.1	0.0	0.0	0.3	0.1
33. Skilled Worker	2.3	1.3	5.2	[illegible]	15.5	24.1	15.7	15.6	5.2	12.7	8.5	14.9	26.9	34.6	26.9	19.2	19.5	16.5	12.1
34. Structural Worker	0.0	1.3	0.7	4.9	5.8	3.7	2.6	3.5	1.3	1.0	1.5	2.1	8.3	5.6	10.3	1.1	6.5	3.7	2.5
35. Airplane Pilot	1.8	1.3	0.3	0.9	0.3	0.6	3.1	1.2	0.7	0.0	0.7	0.0	0.0	0.6	0.6	7.0	0.0	0.7	1.4
36. Barber or Beautician	0.0	0.0	0.3	0.2	0.0	0.3	1.0	0.8	0.2	1.0	0.7	0.0	0.5	0.2	0.0	0.5	14.3	0.3	0.3
37. Other	3.9	7.7	13.2	9.6	9.4	14.6	11.2	16.0	8.6	10.8	6.2	19.1	17.6	12.0	13.7	10.4	18.2	12.6	9.4

TABLF I-2

Follow-up Occupational Choices of 11th Grade Females
for Each High School Occupational Choice

Final Choice	Original Choice																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1. Undecided, No Answer	12.0	6.1	3.2	6.4	6.0	18.8	6.1	3.0	6.1	9.7	4.0	4.7	3.9	3.0	7.7	11.2	3.5	3.6	5.9
2. Housewife	40.2	59.7	25.3	21.1	26.0	25.0	22.9	17.8	30.6	26.9	31.0	30.5	33.7	25.2	11.5	33.6	28.3	21.7	22.1
3. Mathematician	0.7	0.3	12.0	2.9	6.0	6.3	1.1	0.5	2.0	1.1	0.3	0.8	0.6	1.9	7.7	1.7	0.5	1.4	0.0
4. Physical Scientist	0.0	0.1	0.0	5.8	2.0	0.0	0.0	0.5	2.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
5. Engineer	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
6. Engineering or scientific aide	0.0	0.4	1.3	0.6	0.0	0.0	1.5	1.0	0.0	1.1	0.2	0.5	0.0	0.4	0.0	0.0	0.1	0.1	1.5
7. Biological Scientist	0.0	0.1	1.3	4.1	2.0	6.3	3.8	3.6	2.0	2.2	0.2	2.6	0.2	0.7	0.0	1.7	0.0	0.3	2.9
8. Physician	0.5	0.0	0.6	0.6	0.0	0.0	1.1	3.6	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9. Dentist	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. Pharmacist	0.2	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.0	8.6	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.1	1.5
11. Nurse, or Misc. Therapist	4.4	2.7	2.5	2.9	6.0	0.0	5.3	12.2	10.2	8.6	34.5	11.2	4.8	2.2	0.0	1.7	1.9	1.9	5.9
12. Medical or Dental Technician	0.7	0.7	0.6	3.5	0.0	6.3	5.7	5.1	8.2	3.2	3.0	12.2	0.6	1.1	0.0	2.6	0.9	0.9	0.0
13. Social Worker	0.7	1.0	1.3	2.9	2.0	0.0	2.3	3.6	2.0	1.1	0.6	1.3	6.0	8.9	0.0	0.9	2.0	2.3	2.9
14. Sociologist or Psychologist	0.2	1.0	1.9	2.3	4.0	12.5	1.5	4.6	0.0	4.3	0.4	2.1	2.1	8.1	3.8	0.9	0.7	1.3	1.5
15. Political Scientist or Economist	0.0	0.1	0.6	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.9	0.1	0.3	0.0
16. Lawyer	0.0	0.0	0.6	0.6	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.2	0.0	0.0	2.6	0.1	0.1	0.0
17. Elementary School Teacher	4.2	2.0	2.5	4.1	4.0	0.0	4.6	1.5	6.1	2.2	2.5	3.4	5.8	8.1	3.8	1.7	16.8	7.5	0.0
18. High School Teacher	9.3	9.1	22.2	18.7	18.0	12.5	19.5	19.8	12.2	18.3	7.3	18.8	20.0	19.3	30.8	14.7	30.0	39.1	27.9
19. College Professor	1.0	0.7	5.7	7.0	0.0	0.0	6.5	4.6	2.0	0.0	1.7	1.0	1.4	3.3	7.7	4.3	1.4	4.9	11.8
20. Clergyman	0.0	0.2	0.6	0.0	0.2	0.0	0.4	1.5	2.0	1.1	0.3	0.5	1.2	1.1	0.0	0.9	0.9	0.8	0.0
21. Writer	0.2	0.4	1.3	2.9	2.0	0.0	2.3	0.5	0.0	1.1	0.3	0.0	0.6	1.5	3.8	1.7	0.6	0.6	0.0
22. Artist or Entertainer	1.2	0.6	0.0	0.0	0.0	0.0	0.8	1.7	0.0	0.0	0.3	0.5	1.0	2.6	0.0	2.6	0.8	0.5	0.0
23. Forester	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24. Farmer	0.2	0.1	0.0	0.0	0.0	0.0	0.4	0.5	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
25. Armed Forces Enlisted Man	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26. Armed Forces Officer	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
27. Policeman or Fireman	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28. Businessman	2.2	1.7	3.2	3.5	2.0	0.0	1.1	4.1	0.0	1.1	1.0	1.3	2.1	2.6	0.0	3.4	1.4	1.6	2.9
29. Salesman	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.8	0.0	0.0	0.0	0.3	0.4	0.0
30. Accountant	1.0	1.3	3.2	0.0	8.0	0.0	0.0	1.5	0.0	1.1	1.2	1.0	1.7	0.4	3.8	1.7	0.9	1.0	1.5
31. Secretary, Clerk, Typist	11.8	5.9	6.3	4.1	2.0	0.0	4.6	3.0	10.2	7.5	6.2	3.6	7.2	4.8	3.8	6.9	5.4	5.0	4.4
32. Craftsman	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33. Skilled Worker	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0
34 Structural Worker	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
35. Airplane Pilot	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36. Barber or Beautician	1.7	1.4	0.6	0.6	0.0	0.0	1.5	1.5	0.0	0.0	0.9	0.3	1.2	0.0	0.0	0.0	0.5	0.3	2.9
37. Other	6.4	3.8	3.2	4.7	6.0	12.5	6.5	3.0	2.0	1.1	3.2	2.1	3.9	4.4	15.4	4.3	2.8	3.7	4.4

TABLE I-2 (con't.)

Final Choice	Original Choice 20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	Total
1. Undecided, No Answer	1.7	6.4	6.2	20.0	6.9	8.7	7.6	0.0	9.3	7.2	6.5	6.4	0.0	25.0	0.0	7.7	9.5	6.2	5.6
2. Housewife	30.5	30.7	29.9	20.0	48.3	34.8	50.0	43.8	32.0	55.4	47.1	54.2	33.3	25.0	16.7	52.6	53.2	40.3	40.3
3. Mathematician	1.7	0.5	0.4	0.0	1.7	4.3	0.0	0.0	0.0	1.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.6	0.7
4. Physical Scientist	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	0.0	0.0	0.3	0.2
5. Engineer	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6. Engineering or scientific aide	0.0	0.0	0.4	0.0	0.0	0.0	0.8	0.0	0.0	1.2	0.3	0.1	0.0	0.0	0.0	1.3	0.0	0.3	0.3
7. Biological Scientist	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
8. Physician	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
9. Dentist	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. Pharmacist	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
11. Nurse, or Misc. Therapist	3.4	2.5	1.5	10.0	3.4	0.0	5.9	12.5	0.0	2.4	1.5	1.3	0.0	25.0	33.3	3.8	1.7	3.1	6.2
12. Medical or Dental Technician	1.7	0.5	0.8	0.0	1.7	0.0	1.7	0.0	2.7	2.4	0.9	0.5	0.0	0.0	0.0	0.0	1.7	1.6	1.5
13. Social Worker	1.7	2.5	0.4	0.0	0.0	0.0	3.4	0.0	1.3	1.2	0.6	0.3	0.0	0.0	0.0	1.3	0.5	1.9	1.4
14. Sociologist or Psychologist	0.0	2.5	1.7	0.0	0.0	4.3	0.0	0.0	1.3	0.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	1.8	1.0
15. Political Scientist or Economist	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.4	0.1
16. Lawyer	0.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
17. Elementary School Teacher	1.7	1.0	1.7	10.0	1.7	0.0	1.7	0.0	1.3	2.4	2.5	1.5	0.0	0.0	0.0	3.8	1.7	3.6	4.4
18. High School Teacher	25.4	17.3	15.1	10.0	10.3	0.0	2.5	0.0	25.3	3.6	4.6	4.6	33.3	25.0	0.0	6.4	2.5	15.7	14.4
19. College Professor	1.7	4.0	3.9	0.0	0.0	0.0	1.7	0.0	0.0	2.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	1.6	1.7
20. Clergyman	8.5	0.0	0.2	0.0	1.7	0.0	0.0	0.0	0.0	2.4	0.3	0.2	0.0	0.0	0.0	0.0	0.2	0.8	0.5
21. Writer	1.7	10.9	1.9	0.0	1.7	0.0	0.0	0.0	1.3	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.6	0.6
22. Artist or Entertainer	3.4	3.0	12.9	0.0	3.4	0.0	0.8	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.2	1.1	1.0
23. Forester	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24. Farmer	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
25. Armed Forces Enlisted Man	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26. Armed Forces Officer	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27. Policeman or Fireman	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0
28. Businessman	1.7	5.0	3.5	0.0	0.0	0.0	2.5	18.8	2.7	2.4	2.2	2.1	0.0	0.0	0.0	2.6	0.8	2.3	1.9
29. Salesman	0.0	0.0	0.2	0.0	0.0	4.3	0.8	6.3	0.0	1.2	0.3	0.5	0.0	0.0	0.0	1.3	0.5	0.5	0.4
30. Accountant	0.0	2.0	0.8	0.0	1.7	0.0	4.2	6.3	4.0	0.0	9.8	3.0	0.0	0.0	0.0	2.6	1.8	1.8	1.9
31. Secretary, Clerk, Typist	10.2	3.5	6.0	0.0	5.2	8.7	11.0	12.5	13.3	7.2	15.7	19.1	0.0	0.0	0.0	9.0	6.8	7.6	9.4
32. Craftsman	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33. Skilled Worker	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	1.3	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.3	0.0	0.1
34. Structural Worker	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35. Airplane Pilot	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36. Barber or Beautician	0.0	0.5	1.4	10.0	0.0	13.0	0.8	0.0	0.0	1.2	1.2	1.2	0.0	0.0	0.0	1.3	14.3	1.9	1.5
37. Other	5.1	6.9	10.2	20.0	8.6	17.4	4.2	0.0	4.0	6.0	3.7	3.5	33.3	0.0	33.3	5.1	3.6	5.6	4.1

TABLE I-3

Follow-up Occupational Choices of 12th Grade Males for Each High School Occupational Choice

	Original Choice																		
Final Choice	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1. Undecided, No Answer	15.8	11.1	6.8	6.7	7.7	9.0	9.2	4.6	5.5	5.8	5.0	3.3	12.8	5.7	5.4	8.5	9.7	6.1	7.5
2. Housewife	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. Mathematician	1.4	0.0	9.6	4.8	3.0	2.4	2.3	0.9	1.3	2.1	5.0	0.0	1.3	3.3	1.1	0.9	2.2	1.3	0.9
4. Physical Scientist	0.9	0.0	3.6	15.5	1.8	1.8	2.3	2.1	2.9	0.4	0.0	1.7	0.0	0.0	2.2	0.5	0.0	0.6	2.8
5. Engineer	4.6	11.1	6.4	9.7	22.9	19.8	1.5	1.4	3.9	3.3	0.0	0.0	3.8	0.8	0.0	1.5	0.0	1.8	4.7
6. Engineering or scientific aide	0.5	0.0	1.6	1.2	0.9	0.0	1.1	0.2	0.3	0.0	0.0	3.3	2.6	0.0	0.0	0.2	0.0	0.3	0.9
7. Biological Scientist	0.0	0.0	0.8	2.8	0.9	1.8	10.0	2.3	1.0	3.8	0.0	3.3	0.0	0.0	1.1	0.2	1.1	0.5	1.9
8. Physician	0.5	0.0	2.0	2.8	1.2	0.6	2.7	32.5	5.5	2.9	10.0	8.3	1.3	2.5	1.1	0.9	0.0	1.1	2.8
9. Dentist	0.5	0.0	0.4	0.6	0.4	0.0	1.5	4.6	16.9	1.3	0.0	3.3	0.0	0.8	0.0	0.2	0.0	0.2	0.0
10. Pharmacist	0.0	0.0	0.4	0.7	0.4	0.0	1.1	1.3	2.3	24.2	10.0	3.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0
11. Nurse	0.5	0.0	0.0	0.0	0.3	0.6	1.5	1.6	0.6	0.0	10.0	3.3	0.0	0.8	0.0	0.0	1.1	0.4	0.0
12. Medical or Dental Technician	0.5	0.0	0.4	0.4	0.3	0.0	2.7	0.4	1.6	0.4	5.0	5.0	0.0	0.0	0.0	0.3	0.0	0.2	0.0
13. Social Worker	0.9	0.0	0.0	0.7	0.2	0.0	0.0	0.5	0.6	0.8	0.0	0.0	6.4	4.1	4.3	1.4	0.0	1.2	1.9
14. Sociologist or Psychologist	0.7	0.0	2.4	2.9	1.1	1.8	2.7	4.5	2.9	0.4	0.0	0.0	7.7	12.3	2.2	2.0	2.2	1.9	1.9
15. Political Scientist or Economist	0.5	0.0	0.0	0.9	0.3	0.0	0.8	0.9	0.0	0.4	5.0	0.0	0.0	0.0	1.1	1.0	0.0	0.3	0.0
16. Lawyer	1.4	0.0	2.8	2.3	2.1	1.2	1.9	6.4	5.2	1.7	0.0	5.0	0.0	4.9	19.4	26.1	2.2	1.5	4.7
17. Elementary School Teacher	0.4	0.0	0.0	0.0	0.1	0.6	0.0	0.2	0.3	0.4	5.0	0.0	2.6	0.0	0.0	0.0	8.6	1.3	0.0
18. High School Teacher	4.4	0.0	13.5	6.0	4.7	1.8	12.3	5.9	8.4	6.3	0.0	11.7	12.8	7.4	12.9	7.3	21.5	34.9	14.0
19. College Professor	0.7	0.0	10.4	7.9	2.3	1.2	6.9	5.7	1.9	1.3	0.0	3.3	2.6	9.0	8.6	3.9	0.0	7.6	28.0
20. Clergyman	0.7	0.0	2.0	0.7	0.5	1.8	1.5	1.4	0.3	0.8	0.0	3.3	0.0	0.8	2.2	0.9	3.2	2.5	3.7
21. Writer	0.7	0.0	0.8	1.9	0.4	1.2	0.4	0.5	0.3	0.0	0.0	3.3	1.3	1.6	2.2	0.7	2.2	1.0	0.0
22. Artist or Entertainer	1.6	0.0	0.4	0.9	0.7	1.2	0.0	0.5	0.6	0.8	0.0	0.0	1.3	4.9	1.1	1.2	1.1	1.1	0.9
23. Forester	0.4	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.2	0.0	0.1	0.0
24. Farmer	2.7	22.2	2.8	0.3	1.0	0.6	0.8	0.7	1.6	1.7	0.0	1.7	1.3	0.8	0.0	0.3	0.0	0.7	0.0
25. Armed Forces Enlisted Man	1.4	0.0	0.0	0.1	0.4	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1.1	0.5	0.0	0.4	0.0
26. Armed Forces Officer	0.0	0.0	1.2	0.9	0.9	0.0	0.0	0.9	1.0	0.0	0.0	0.0	0.0	0.0	2.2	1.0	0.0	0.7	1.9
27. Policeman or Fireman	2.7	11.1	0.4	0.9	0.7	1.2	1.1	0.5	0.3	0.4	10.0	3.3	1.3	0.8	0.0	0.2	1.1	1.4	0.9
28. Businessman	11.0	0.0	8.0	11.6	15.6	13.8	13.0	8.9	14.3	13.3	5.0	6.7	6.4	19.7	22.6	15.3	17.2	10.4	5.6
29. Salesman	2.7	11.1	2.4	2.3	2.6	2.4	4.6	1.4	1.9	4.6	10.0	5.0	3.8	7.4	3.2	5.3	1.1	4.1	3.7
30. Accountant	3.7	0.0	6.8	2.3	3.2	1.8	0.8	2.0	2.9	6.3	0.0	1.7	2.6	1.6	0.0	4.8	1.1	1.9	1.9
31. Secretary, Clerk, Typist	2.1	0.0	3.2	1.0	1.1	0.6	1.1	0.5	1.3	1.3	0.0	0.0	5.1	2.5	0.0	1.2	3.2	0.9	0.0
32. Craftsman	0.2	0.0	0.0	0.0	0.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
33. Skilled Worker	15.7	22.2	4.0	2.6	9.3	14.4	5.4	1.8	3.9	5.4	10.0	3.3	7.7	0.8	2.2	3.7	5.4	3.9	2.8
34. Structural Worker	4.4	0.0	0.4	0.6	1.8	3.0	1.1	0.5	0.3	1.3	5.0	3.3	6.4	0.0	0.0	1.9	1.1	1.0	0.0
35. Airplane Pilot	1.6	0.0	0.8	1.3	1.3	2.4	0.8	0.5	1.0	0.4	0.0	1.7	0.0	0.8	0.0	0.3	0.0	0.9	0.0
36. Barber or Beautician	0.5	0.0	0.4	0.4	0.1	0.6	0.0	0.0	0.6	0.4	5.0	0.0	0.0	0.0	0.0	0.3	3.2	0.4	0.0
37. Other	13.3	11.1	5.6	6.0	9.5	12.0	8.4	3.4	7.8	7.9	0.0	11.7	7.7	6.6	4.3	7.3	11.8	6.8	6.5

TABLE I-3 (con't.)

Final Choice	Original Choice																		
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	Total
1. Undecided, No Answer	3.4	9.3	10.2	11.3	9.0	17.1	10.7	13.5	7.6	10.2	8.7	14.9	13.8	12.3	15.2	9.5	13.2	12.8	9.2
2. Housewife	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0
3. Mathematician	1.7	1.9	0.4	0.9	0.0	0.7	1.2	1.0	1.1	0.6	1.5	0.0	0.0	1.6	1.2	2.7	0.0	0.8	1.8
4. Physical Scientist	0.5	0.0	0.0	1.3	0.3	0.3	0.8	0.0	0.5	0.0	0.4	0.0	0.0	0.4	0.6	0.5	0.0	0.4	1.6
5. Engineer	1.2	0.0	1.1	3.5	1.4	4.0	5.0	0.5	0.8	0.6	1.0	0.0	2.9	4.1	1.2	5.4	1.1	2.8	6.8
6. Engineering or scientific aide	0.2	0.0	0.7	0.0	0.3	0.7	1.0	1.0	0.1	0.0	0.5	0.0	0.0	0.7	1.2	0.9	1.1	0.5	0.6
7. Biological Scientist	1.0	0.0	0.4	7.5	2.9	1.0	0.3	0.5	0.6	0.0	0.5	2.1	0.6	0.2	0.0	0.9	0.0	0.7	1.2
8. Physician	1.7	0.0	0.4	0.3	0.2	0.0	0.8	0.5	0.6	1.2	0.0	2.1	0.0	0.2	0.0	0.9	0.0	0.7	2.1
9. Dentist	0.5	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	1.2	0.1	0.0	0.0	0.1	0.0	0.5	0.0	0.2	0.8
10. Pharmacist	0.2	0.0	0.0	0.3	0.0	0.3	0.3	0.5	0.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
11. Nurse	0.2	0.0	0.7	0.3	0.0	0.3	0.5	0.5	0.1	0.0	0.5	0.0	0.6	0.1	0.0	0.0	0.0	0.5	0.4
12. Medical or Dental Technician	0.5	0.0	0.7	0.0	0.0	1.3	0.3	0.0	0.3	1.2	0.1	0.0	0.0	0.3	0.6	0.0	0.0	0.4	0.4
13. Social Worker	1.7	0.0	0.7	0.0	0.2	0.3	0.5	0.0	0.4	0.0	0.4	2.1	0.0	0.1	0.0	0.9	2.2	0.5	0.6
14. Sociologist or Psychologist	2.0	0.0	0.7	0.3	0.3	0.3	1.2	0.5	1.2	0.0	1.4	0.0	0.0	0.2	0.0	1.4	0.0	0.5	1.4
15. Political Scientist or Economist	0.2	0.0	0.0	0.6	0.0	0.0	0.5	0.0	1.3	0.0	0.1	0.0	0.0	0.0	1.2	0.5	0.0	0.7	0.5
16. Lawyer	3.9	5.6	2.2	1.6	0.2	0.0	2.5	0.0	4.3	1.8	2.3	2.1	0.6	0.1	0.0	0.5	0.0	1.8	3.1
17. Elementary School Teacher	0.7	0.0	0.0	0.6	0.2	0.0	0.2	0.0	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.5	0.0	0.7	0.3
18. High School Teacher	7.9	13.9	8.0	5.0	3.1	1.0	3.0	3.1	5.3	3.0	5.4	4.3	1.7	2.2	1.8	2.3	4.4	6.1	7.2
19. College Professor	8.4	12.0	5.8	2.5	0.7	1.0	1.3	0.5	2.1	1.2	1.4	0.0	0.6	0.4	0.0	1.4	0.0	2.0	3.2
20. Clergyman	39.3	0.9	0.4	0.3	0.7	0.0	0.7	1.0	0.3	0.6	1.2	2.1	0.0	0.4	0.6	1.8	1.1	0.7	1.8
21. Writer	0.7	22.2	0.7	0.6	0.0	0.3	0.3	0.5	0.8	0.0	0.3	0.0	0.6	0.4	0.0	1.4	0.0	0.6	0.8
22. Artist or Entertainer	0.5	2.8	21.1	0.3	0.2	1.0	0.8	0.5	1.0	0.6	0.6	2.1	0.0	0.6	0.6	0.9	0.0	1.8	1.2
23. Forester	0.0	0.0	0.4	2.2	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.4	0.2
24. Farmer	0.2	0.9	0.4	2.5	45.2	1.0	1.2	3.1	0.7	0.0	1.0	0.0	1.1	1.9	2.9	0.9	2.2	2.0	2.7
25. Armed Forces Enlisted Man	0.2	0.0	0.7	0.3	0.0	1.3	2.0	0.0	0.3	0.0	0.3	0.0	0.6	0.6	0.0	1.4	0.0	0.5	0.5
26. Armed Forces Officer	1.0	0.9	0.0	1.9	0.5	0.3	3.6	1.6	0.6	0.0	0.6	0.0	0.6	0.1	0.0	1.8	0.0	0.2	0.8
27. Policeman or Fireman	0.7	0.0	1.5	3.1	0.5	5.7	3.1	16.1	1.0	1.2	1.7	4.3	2.3	2.6	1.2	4.1	0.0	2.2	1.6
28. Businessman	10.1	13.9	13.5	15.1	6.8	10.7	12.2	8.9	33.4	30.5	22.9	23.4	10.3	10.5	14.0	14.4	14.3	12.6	14.7
29. Salesman	2.0	3.7	2.5	4.7	3.1	6.4	4.5	4.7	10.6	25.1	5.1	4.3	2.3	3.2	3.5	4.5	5.5	4.8	4.3
30. Accountant	2.5	1.9	2.2	3.8	0.5	2.0	2.6	3.6	5.9	3.6	23.8	6.4	4.0	2.1	1.2	2.3	0.0	2.1	3.9
31. Secretary, Clerk, Typist	1.2	1.9	1.1	2.5	0.9	2.7	3.0	4.7	2.2	1.8	3.5	6.4	2.3	1.8	1.8	3.6	1.1	1.8	1.7
32. Craftsman	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.1	0.0	1.1	0.2	1.8	0.0	0.0	0.1	0.1
33. Skilled Worker	1.5	1.9	3.3	10.7	9.2	18.1	16.9	16.7	4.8	6.6	6.7	8.5	27.0	30.3	12.3	12.2	14.3	17.0	10.1
34. Structural Worker	1.0	0.0	2.2	2.8	5.7	4.0	2.6	1.6	1.4	1.2	0.6	4.3	11.5	6.8	17.0	2.3	3.3	4.0	2.6
35. Airplane Pilot	0.0	0.0	0.7	0.9	0.5	1.3	2.6	0.0	0.8	0.6	0.4	0.0	0.0	0.1	1.2	6.8	0.0	0.6	1.0
36. Barber or Beautician	0.2	0.0	1.8	0.0	0.5	0.3	0.0	1.0	0.0	0.6	0.4	0.0	0.6	0.2	0.0	0.0	22.0	0.4	0.4
37. Other	2.7	6.5	15.6	11.9	6.8	15.4	13.2	13.5	9.2	6.0	5.9	8.5	14.9	15.1	19.3	13.5	14.3	16.1	10.0

TABLE I-4

Follow-up Occupational Choices of 12th Grade Females
for Each High School Occupational Choice

	Original Choice																		
Final	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1. Undecided, No Answer	15.9	9.9	7.0	4.4	2.4	0.0	4.3	7.7	18.2	7.2	6.0	4.7	7.2	8.1	8.9	11.1	4.1	3.7	4.7
2. Housewife	29.6	54.1	14.0	17.1	24.4	44.4	15.1	10.6	33.3	20.3	18.9	27.9	21.6	16.2	24.4	25.0	20.1	16.3	10.9
3. Mathematician	0.3	0.2	16.7	5.1	12.2	11.1	0.7	0.0	3.0	0.0	0.1	0.2	0.5	0.4	0.0	2.8	0.3	0.7	1.6
4. Physical Scientist	0.3	0.1	1.8	8.2	4.9	0.0	1.4	2.8	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0
5. Engineer	0.0	0.1	0.0	0.0	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6. Engineering or scientific aide	0.6	0.0	0.0	3.8	0.0	0.0	0.0	2.8	0.0	0.0	0.1	0.9	0.0	0.4	0.0	0.0	0.1	0.1	1.6
7. Biological Scientist	0.3	0.1	0.9	7.0	0.0	0.0	7.9	4.2	0.0	0.0	0.2	1.6	0.0	0.0	0.0	0.0	0.1	0.2	0.0
8. Physician	0.3	0.1	0.0	0.6	0.0	0.0	1.4	11.3	0.0	0.0	0.1	0.7	0.3	0.7	0.0	0.0	0.0	0.0	1.6
9. Dentist	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. Pharmacist	0.0	0.1	0.9	0.6	0.0	0.0	0.0	0.0	0.0	20.3	0.1	0.2	0.0	0.4	0.0	0.0	0.0	0.1	0.0
11. Nurse	5.2	3.3	1.8	3.2	0.0	0.0	4.3	9.9	18.2	4.3	48.0	7.8	6.9	2.8	0.0	0.0	1.5	1.3	0.0
12. Medical or Dental Technician	1.2	1.0	0.0	3.8	2.4	0.0	7.9	5.6	9.1	5.8	2.2	21.0	1.1	0.7	0.0	2.8	1.1	0.4	0.0
13. Social Worker	1.5	0.6	2.6	2.5	0.0	0.0	5.0	3.5	3.0	0.0	0.7	2.0	15.2	12.0	0.0	1.4	1.2	1.5	4.7
14. Sociologist or Psychologist	0.3	0.5	0.0	1.9	0.0	0.0	3.6	3.5	0.0	1.4	0.3	1.3	2.1	8.5	4.4	1.4	0.9	1.3	0.0
15. Political Scientist or Economist	0.0	0.1	0.9	0.6	0.0	0.0	0.0	1.4	0.0	0.0	0.2	0.2	0.0	0.7	2.2	0.0	0.1	0.1	1.6
16. Lawyer	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	4.2	0.2	0.1	0.0
17. Elementary School Teacher	4.0	2.7	5.3	3.8	0.0	11.1	5.0	2.1	0.0	1.4	2.0	3.3	7.5	5.6	4.4	5.6	25.6	7.1	6.3
18. High School Teacher	10.1	8.1	20.2	15.8	14.6	22.2	15.8	12.7	6.1	7.2	4.2	11.6	14.7	20.4	26.7	13.9	30.2	46.6	29.7
19. College Professor	1.2	0.1	3.5	9.5	4.9	0.0	6.5	7.0	0.0	2.9	2.1	1.6	2.1	4.2	2.2	4.2	1.2	4.3	17.2
20. Clergyman	0.3	0.2	0.0	1.3	0.0	0.0	0.0	2.8	0.0	0.0	0.6	0.0	1.6	0.7	0.0	0.0	1.4	1.1	1.6
21. Writer	0.3	0.5	0.9	1.3	0.0	0.0	2.2	1.4	0.0	0.0	0.2	0.0	0.8	2.1	0.0	2.8	0.3	0.9	3.1
22. Artist or Entertainer	2.4	0.5	0.0	0.0	4.9	0.0	1.4	0.0	0.0	1.4	0.1	0.2	0.3	0.4	0.0	4.2	0.5	0.9	1.6
23. Forester	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24. Farmer	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
25. Armed Forces Enlisted Man	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26. Armed Forces Officer	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0
27. Policeman or Fireman	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28. Businessman	2.1	1.7	1.8	2.5	2.4	0.0	1.4	2.8	0.0	4.3	1.1	1.1	2.1	4.2	2.2	4.2	1.1	1.6	1.6
29. Salesman	0.6	0.6	0.9	0.0	0.0	0.0	0.0	0.0	3.0	1.4	0.3	0.0	0.5	0.7	0.0	1.4	0.3	0.0	1.6
30. Accountant	0.3	1.7	7.9	1.3	4.9	0.0	0.7	1.4	3.0	1.4	1.6	1.8	1.6	0.4	0.0	1.4	1.0	0.9	0.0
31. Secretary, Clerk, Typist	14.9	7.8	5.3	3.2	2.4	11.1	7.2	2.1	3.0	10.1	6.0	7.6	8.3	6.0	4.4	8.3	6.1	5.0	6.3
32. Craftsman	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33. Skilled Worker	0.3	0.0	0.0	0.6	0.0	0.0	0.7	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
34. Structural Worker	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35. Airplane Pilot	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36. Barber or Beautician	1.8	1.3	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	1.2	0.9	0.8	0.0	0.0	0.0	0.4	0.5	1.6
37. Other	5.8	4.3	7.9	1.9	7.3	0.0	6.5	4.2	0.0	10.1	3.8	2.9	4.8	4.6	17.8	5.6	2.5	4.8	3.1

TABLE I-4 (con't.)

	Original Choice																	
Final Choice	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	Total
1. Undecided, No Answer	2.6	6.3	6.8	0.0	7.4	14.3	6.8	12.5	4.1	10.2	9.9	8.3	0.0	21.4	20.0	14.1	14.7	9.7	7.5
2. Housewife	21.1	21.8	24.1	44.4	37.0	35.7	28.8	43.8	33.8	48.9	40.7	45.6	0.0	28.6	40.0	35.9	36.8	32.1	32.1
3. Mathematician	0.0	0.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	1.6	0.2	0.6	0.5
4. Physical Scientist	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
5. Engineer	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
6. Engineering or scientific aide	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2
7. Biological Scientist	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3
8. Physician	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
9. Dentist	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. Pharmacist	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
11. Nurse	7.9	4.9	1.2	0.0	0.0	0.0	15.3	12.5	0.0	1.1	1.4	1.0	0.0	0.0	0.0	6.3	2.0	2.7	6.8
12. Medical or Dental Technician	5.3	0.0	0.7	33.3	0.0	0.0	1.7	0.0	1.4	2.3	1.2	0.6	0.0	0.0	0.0	1.6	0.4	1.7	1.7
13. Social Worker	5.3	2.1	1.9	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.5	0.4	0.0	0.0	0.0	1.6	0.4	1.2	1.5
14. Sociologist or Psychologist	0.0	2.8	0.7	0.0	0.0	0.0	1.7	0.0	2.7	0.0	0.2	0.0	0.0	0.0	0.0	1.6	0.2	1.1	0.8
15. Political Scientist or Economist	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1
16. Lawyer	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
17. Elementary School Teacher	0.0	4.2	3.2	0.0	7.4	0.0	3.4	0.0	0.0	4.5	2.6	1.0	0.0	0.0	0.0	3.1	1.0	3.7	5.6
18. High School Teacher	18.4	28.2	16.3	11.1	18.5	14.3	5.1	0.0	6.8	3.4	5.2	3.1	100.0	7.1	20.0	6.3	0.8	14.1	14.2
19. College Professor	0.0	5.6	3.6	0.0	3.7	0.0	0.0	0.0	2.7	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	2.3	1.7
20. Clergyman	21.1	1.4	0.5	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.5	0.3	0.0	0.0	0.0	0.0	0.4	0.6	0.7
21. Writer	5.3	8.5	1.5	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.6	0.5
22. Artist or Entertainer	0.0	0.7	15.6	0.0	0.0	0.0	1.7	0.0	1.4	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	1.8	1.0
23. Forester	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24. Farmer	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1
25. Armed Forces Enlisted Man	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26. Armed Forces Officer	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27. Policeman or Fireman	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.1	0.0
28. Businessman	0.0	4.9	3.9	0.0	0.0	0.0	0.0	0.0	6.8	2.3	2.4	2.5	0.0	0.0	0.0	3.1	1.6	3.1	2.1
29. Salesman	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	1.1	0.5	0.7	0.0	0.0	0.0	1.6	0.8	0.6	0.5
30. Accountant	0.0	0.0	1.5	0.0	0.0	0.0	8.5	12.5	5.4	5.7	14.2	3.3	0.0	0.0	0.0	4.7	1.4	2.6	2.4
31. Secretary, Clerk, Typist	13.2	2.8	7.5	11.1	14.8	14.3	16.9	0.0	18.9	8.0	13.7	26.3	0.0	28.6	0.0	10.9	6.1	10.8	12.5
32. Craftsman	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33. Skilled Worker	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1
34. Structural Worker	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35. Airplane Pilot	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36. Barber or Beautician	0.0	0.0	0.5	0.0	3.7	7.1	1.7	0.0	1.4	3.4	0.2	0.8	0.0	0.0	0.0	1.6	28.3	1.3	1.6
37. Other	0.0	2.8	9.5	0.0	7.4	7.1	6.8	12.5	5.4	9.1	5.9	4.8	0.0	14.3	20.0	4.7	4.4	8.4	4.9

APPENDIX J

MULTIPLE POINT BISERIAL CORRELATIONS BETWEEN TESTS AND CHOICE OF SPECIFIC OCCUPATIONS FIVE YEARS BEYOND HIGH SCHOOL

Table No.		Page
J-1	Males	J-2
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Appendix J was planned and developed by James M. Richards, Jr.

TABLE J-1

Multiple Point Biserial Correlations for Males between Tests Administered in High School and Specific Occupation Five Years after Graduating from High School

	11th Grade				12th Grade			
	% of Sample in Occupation	Cognitive Tests	Non-Cognitive Tests	All Tests Combined	% of Sample in Occupation	Cognitive Tests	Non-Cognitive Tests	All Tests Combined
No Answer	12.12	.14	.12	.16	12.83	.12	.11	.14
Undecided	5.04	.10	.12	.14	5.69	.11	.13	.15
Executive (NEC)	0.40	.08	.05	.09	0.30	.08	.06	.09
Foreman (NEC)	0.71	.09	.09	.11	0.35	.08	.08	.11
Work for Gov't. (NEC)	0.34	.08	.06	.09	0.37	.07	.07	.09
Proprietor; contractor; in business for self (NEC)	1.75	.09	.09	.11	1.97	.11	.11	.13
Industry, Business, or Commerce (NEC)	1.11	.07	.07	.10	1.00	.07	.06	.09
Retail (NEC)	0.15	.06	.06	.09	0.23	.06	.07	.09
Transportation (NEC)	0.11	.06	.05	.08	0.19	.07	.06	.09
Real Estate (NEC)	0.06	.06	.05	.08	0.12	.07	.07	.09
Insurance (NEC)	0.16	.07	.06	.10	0.25	.07	.06	.09
Electronics (NEC)	0.78	.10	.09	.12	1.10	.12	.11	.14
Research (NEC)	-	-	-	-	0.06	.06	.05	.08
Mathematician (Math Stat)	0.29	.10	.09	.12	0.33	.10	.11	.13
Other Statistician, Actuary	0.07	.06	.06	.08	0.10	.09	.08	.11
Systems Analyst	0.38	.09	.09	.11	0.30	.09	.09	.11
Computer Programmer	1.19	.08	.08	.11	0.86	.07	.08	.11
Computer Specialist (NEC)	0.26	.07	.07	.09	0.14	.06	.06	.08

TABLE J-1 (con't.)

	11th Grade				12th Grade			
	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests
Scientist (NEC)	0.11	.07	.07	.10	0.13	.09	.07	.10
Chemist	0.64	.11	.12	.14	0.57	.11	.10	.13
Physicist	0.36	.12	.12	.14	0.45	.12	.11	.14
Geologist	0.15	.08	.08	.10	0.12	.06	.06	.08
Meterologist	-	-	-	-	0.07	.08	.06	.09
Engineer (NEC)	1.70	.16	.17	.19	1.18	.14	.15	.17
Civil or Hydraulic Engr.	0.67	.11	.10	.13	0.74	.10	.12	.14
Electrical or Electronic Engineer	1.61	.18	.17	.20	1.72	.19	.20	.23
Mechanical or Automotive Engineer	0.95	.13	.14	.16	1.01	.14	.15	.17
Aeronautical Engineer	0.27	.09	.09	.11	0.26	.09	.08	.11
Chemical Engineer	0.33	.10	.10	.12	0.41	.11	.12	.14
Architect	0.44	.09	.11	.13	0.41	.10	.11	.13
Labs Techs & Research Assts. in Phys. Sciences, Engr. Aides, Etc.	0.69	.07	.05	.09	0.55	.07	.07	.09
Biologist, Zoologist, Botanist, Paleontologist	0.33	.08	.09	.11	0.23	.08	.09	.11
Specialist in Agricultural Science	0.23	.08	.08	.11	0.25	.08	.09	.12
Specialist in fish, wildlife, forestry, conservation	0.30	.09	.09	.12	0.35	.10	.10	.13

TABLE J-I (con't.)

	11th Grade				12th Grade			
	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests
Microbiologist	0.06	.07	.06	.09	0.11	.07	.06	.09
Biochemist	0.07	.06	.06	.08	0.06	.07	.08	.10
MD, Surgeon	0.05	.06	.07	.09	.10	.07	.08	.10
MD, other and unspecified	1.28	.18	.20	.23	1.62	.19	.24	.26
Dentist	0.63	.10	.13	.15	0.69	.10	.13	.15
Veterinarian	0.21	.09	.10	.13	0.14	.08	.08	.11
Pharmacist	0.61	.09	.08	.11	0.64	.09	.11	.13
Optometrist	0.10	.07	.07	.09	-	-	-	-
Graduate Nurse (RN)	0.05	.07	.07	.10	-	-	-	-
Physical Therapist, Physiotherapist	-	-	-	-	0.08	.07	.06	.09
Chiropractor	0.06	.07	.06	.09	-	-	-	-
Medical and Dental Technologists	0.10	.07	.06	.10	0.11	.07	.06	.09
Medical & Dental Techs., Lab Techs. in Bio. & Clinical Science	0.21	.07	.07	.10	0.19	.08	.07	.11
Hospital Administrator,etc.	0.09	.07	.06	.09	0.08	.06	.07	.10
Psychologist	0.65	.11	.10	.12	0.75	.11	.12	.14
Social Worker	0.45	.08	.08	.10	0.42	.09	.08	.11
Psychiatric Social Worker	-	-	-	-	0.06	.07	.06	.09
Counseling & Guidance (Non-Psychologist)	0.07	.06	.06	.09	0.08	.07	.07	.10

TABLE J-1 (con't.)

	11th Grade				12th Grade			
	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests
Vocational or Educational Guidance (Non-Psychologist)	0.29	.08	.08	.11	0.16	.07	.07	.10
Economist	0.22	.07	.06	.09	0.16	.07	.07	.10
Social Scientist (Misc.)	0.21	.08	.07	.10	0.15	.08	.06	.10
Political Worker	0.11	.07	.07	.09	-	-	-	-
Diplomat, Foreign Service	0.14	.08	.06	.09	0.16	.08	.07	.10
Lawyer	2.35	.20	.21	.24	2.78	.19	.23	.25
Market Analyst	0.10	.07	.06	.09	0.07	.07	.05	.09
Public Administrator (NEC)	0.11	.07	.07	.10	-	-	-	-
City Planner (NEC)	0.14	.06	.06	.08	0.08	.06	.06	.09
Teacher (NEC)	3.28	.12	.13	.16	3.00	.13	.15	.18
Teacher, Elementary Sch.	0.36	.07	.07	.10	0.32	.09	.08	.11
High Sch. Teacher (NEC)	0.67	.08	.06	.10	0.49	.07	.07	.10
High Sch. Teacher, Math	0.45	.09	.10	.12	0.44	.10	.09	.12
High Sch. Teacher, Science	0.47	.09	.08	.11	0.35	.09	.07	.11
High Sch. Teacher, Soc. St.	0.58	.08	.07	.11	0.67	.10	.10	.12
High Sch. Teacher, English	0.26	.09	.08	.11	0.32	.10	.10	.13
High Sch. Teacher, Foreign Languages	0.10	.08	.07	.10	0.07	.08	.07	.10
High Sch. Teacher, Commercial Ed.	0.10	.07	.06	.09	0.11	.07	.07	.10
High Sch. Teacher, Trade and Industrial Ed.	0.34	.07	.07	.10	0.32	.08	.09	.12

TABLE J-1 (con't.)

	11th Grade				12th Grade			
	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests
High Sch. Teacher, Phys. Ed.	0.39	.08	.09	.11	0.40	.08	.11	.13
Art Teacher	0.08	.08	.09	.12	0.11	.07	.09	.11
Music Teacher	0.21	.10	.12	.14	0.27	.10	.13	.15
Teacher of the Handicapped	0.08	.06	.07	.09	0.13	.07	.08	.10
School Administrator (Non-College)	0.31	.08	.09	.12	0.30	.08	.09	.11
College Teacher (NEC)	1.47	.13	.15	.17	1.27	.14	.16	.18
College Teacher, Math	0.21	.11	.11	.13	0.20	.10	.10	.12
College Teacher, Science	0.33	.10	.10	.12	0.48	.11	.12	.14
College Teacher, Soc. Science	0.56	.11	.12	.14	0.60	.10	.13	.14
College Teacher, English	0.30	.10	.10	.13	0.40	.12	.14	.16
College Teacher, Foreign Languages	-	-	-	-	0.11	.09	.09	.12
College Administrator	0.09	.07	.07	.10	-	-	-	-
Librarian	0.06	.08	.08	.11	-	-	-	-
Clergyman	1.21	.17	.20	.23	1.25	.17	.19	.23
Monk, Brother, or Nun	-	-	-	-	0.11	.07	.10	.12
Religious Worker	0.16	.08	.08	.11	0.10	.10	.07	.12
Writer (NEC)	0.14	.07	.07	.10	0.17	.09	.10	.12
Journalist, Reporter, Etc.	0.30	.09	.10	.13	0.30	.08	.12	.13

TABLE J-1 (con't.)

	11th Grade				12th Grade			
	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests
Editor	0.07	.07	.06	.09	-	-	-	-
Translator, Interpreter, Linguist	-	-	-	-	0.06	.07	.06	.09
Artist, esp. Fine Arts	0.15	.08	.10	.12	0.11	.09	.10	.12
Commercial Artist	0.37	.10	.15	.16	0.34	.11	.14	.16
Designer of Consumer Goods (Except Clothing)	0.10	.06	.06	.08	0.20	.08	.07	.10
Musician (Instrumental)	0.12	.09	.10	.13	0.17	.10	.11	.14
Music-Related Worker (Misc.)	-	-	-	-	0.11	.08	.09	.11
Actor	0.08	.09	.07	.11	-	-	-	-
Theatrical Worker (Other)	0.17	.09	.07	.11	0.16	.08	.08	.11
Radio or TV Announcer	0.16	.08	.06	.10	0.12	.08	.06	.10
Performing Arts Worker (Misc.)	0.07	.07	.06	.10	0.08	.08	.06	.10
Pro Athlete	0.08	.06	.06	.08	0.07	.07	.06	.09
Pro Athletics, Other: Umpire, Referee, Coach, Manager, Misc.	0.07	.08	.05	.09	0.11	.07	.07	.10
Recreation or playground Director	0.10	.07	.07	.09	0.13	.06	.06	.08
Forestry, Hunting, Trapping, Fishing, Logging	0.15	.08	.08	.11	0.13	.08	.07	.10

TABLE J-1 (con't.)

	11th Grade				12th Grade			
	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests
Farm or Ranch Owner	0.84	.15	.17	.20	0.91	.16	.18	.21
Farm or Ranch Manager	0.05	.06	.06	.09	-	-	-	-
Farm Worker: Other, Misc., Gardener, Etc.	1.40	.19	.21	.25	1.73	.21	.23	.26
Military, Rank Not Indicated	0.35	.08	.05	.09	0.38	.08	.07	.10
Military Enlisted Man	0.19	.08	.06	.10	0.09	.07	.06	.09
Military Officer	0.76	.10	.09	.12	0.76	.10	.09	.12
Cloak-and-Dagger Work	0.10	.07	.05	.09	0.15	.06	.07	.09
Policeman (Public) (NEC)	1.29	.10	.09	.13	1.07	.10	.08	.13
Fireman	0.33	.08	.07	.10	0.29	.08	.09	.11
Protective Worker, Other	0.13	.09	.06	.11	0.16	.07	.06	.09
Banker & Finance Worker (Non-College)	0.45	.08	.07	.10	0.45	.10	.09	.12
Banker & Finance Worker (College)	0.78	.09	.08	.11	0.82	.09	.09	.12
Investment or Stock Consultant	0.10	.06	.06	.08	0.08	.07	.07	.10
CPA	1.15	.10	.13	.16	1.98	.12	.15	.17
Accountant, Auditor, Comptroller (except CPA)	2.26	.11	.15	.17	1.43	.11	.13	.15

TABLE J-1 (con't.)

	11th Grade				12th Grade			
	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests
Purchasing and Procurement Agent or Worker	0.27	.08	.06	.10	0.18	.07	.06	.09
Buyer for Retail Store	0.07	.07	.06	.10	0.16	.08	.07	.10
Efficiency Expert, Industrial Engineer, Production Manager (NEC)	0.89	.06	.08	.10	0.79	.08	.08	.10
Advertising Worker	0.21	.08	.09	.11	0.28	.09	.09	.12
Public Relations Worker	0.30	.09	.08	.11	0.22	.07	.07	.09
Personnel Administrator	0.49	.07	.08	.09	0.57	.08	.08	.11
Appraisor, Estimator	0.24	.05	.06	.08	0.25	.08	.06	.10
Loan or Credit Investigator	0.19	.08	.07	.10	0.21	.07	.08	.10
Business Manager or Administrator	3.53	.09	.10	.12	3.62	.09	.11	.13
Manufacturing Manager	0.38	.07	.07	.10	0.67	.07	.08	.10
Wholesale or Retail Trade Manager, Marketing Worker	1.40	.07	.09	.11	1.38	.08	.09	.12
Supervisor in a Business (e.g. night manager)	0.36	.07	.07	.10	0.62	.08	.08	.11
Salesclerk, Checker	0.19	.08	.06	.10	0.16	.07	.07	.10
Routeman	-	-	-	-	0.08	.08	.07	.10
Stockbroker	0.12	.07	.07	.10	0.16	.07	.07	.10
Real Estate Salesman	0.16	.08	.07	.10	0.18	.08	.07	.10

TABLE J-1 (con't.)

	11th Grade				12th Grade			
	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests
Insurance Salesman	0.47	.08	.07	.10	0.43	.07	.06	.09
Auto Salesman	0.08	.07	.07	.10	0.16	.08	.06	.10
Other Salesman (NEC)	2.24	.10	.12	.14	2.48	.10	.12	.14
Sales Manager	0.43	.07	.08	.10	0.52	.06	.09	.11
Bookkeeper	0.08	.08	.05	.10	0.07	.08	.07	.11
Worker in Misc. Computing & Account Recording Occupations	0.09	.07	.06	.09	0.19	.07	.07	.10
Computer Operator	0.67	.09	.07	.11	0.55	.08	.07	.10
Clerk (Misc.)	0.16	.07	.06	.09	0.17	.08	.08	.11
Office Manager	0.14	.08	.07	.10	0.20	.08	.07	.10
Worker in Other "Public Contact" Occupations: Receptionist, Ticket Clerks, Etc.	0.07	.06	.06	.08	0.10	.08	.06	.10
Radio, Telegraph, or Teletype Operator	0.11	.07	.05	.08	0.10	.07	.06	.09
Mail Carrier	0.14	.07	.06	.09	-	-	-	-
Misc. Clerical Worker	0.74	.10	.08	.12	0.79	.09	.08	.11
Misc. Administrative Worker	0.40	.08	.06	.10	0.27	.06	.06	.09
Electrician (NEC)	1.45	.11	.10	.13	1.19	.12	.12	.15
Electronic Technician	1.77	.12	.11	.14	1.50	.13	.12	.15
Appliance Repairman	0.35	.08	.08	.10	0.39	.09	.07	.11

TABLE J-1 (con't.)

	11th Grade				12th Grade			
	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests
Phone Installer, Repairman	0.36	.08	.08	.11	0.28	.07	.06	.09
Computer Serviceman	0.27	.08	.07	.10	0.23	.07	.07	.10
Mechanic (NEC)	0.91	.13	.13	.15	0.82	.12	.12	.14
Auto Mechanic	0.77	.12	.13	.15	0.52	.11	.12	.14
Airplane Mechanic	0.69	.11	.10	.13	0.48	.09	.09	.12
Office Machine Repairman	0.10	.07	.06	.09	0.12	.07	.06	.08
Industrial Machine Repairman	0.19	.09	.07	.11	0.15	.09	.06	.10
Machist	1.89	.13	.15	.17	1.25	.12	.13	.15
Cabinet Maker	0.08	.07	.07	.09	0.09	.08	.07	.10
Carpenter	0.43	.10	.09	.11	0.39	.10	.09	.12
Metal Trades Worker	0.82	.12	.12	.14	0.65	.11	.12	.14
Bricklayer, Mason, Roofer, Painter, Plasterer, Etc.	0.45	.11	.09	.12	0.44	.09	.10	.12
Plumber, Pipefitter	0.56	.10	.09	.12	0.51	.09	.09	.11
Roadbuilder, Earth Moving Worker	0.29	.10	.06	.11	0.33	.10	.08	.12
Misc. Building and Construction Worker	0.30	.09	.08	.11	0.50	.09	.08	.11
Mining, Quarrying, Well-Drilling Worker	0.08	.08	.07	.10	0.11	.08	.08	.10
Airplane Pilot	1.13	.09	.08	.11	0.70	.10	.07	.12
Airplane Navigator	0.07	.06	.06	.08	-	-	-	-

TABLE J-1 (con't.)

	11th Grade				12th Grade			
	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests
Air Traffic Controller	0.07	.06	.06	.08	0.09	.07	.05	.09
Merchant Marine Worker	0.10	0.6	.06	.08	0.07	.07	.06	.09
Railroad Worker	0.15	.07	.07	.09	0.07	.08	.06	.10
Bus, Truck Drive, Etc.	0.62	.11	.11	.13	0.60	.12	.12	.15
Worker in Printing Trades	0.71	.09	.10	.13	0.75	.10	.10	.13
Surveyor	0.14	.06	.06	.08	0.19	.07	.05	.09
Draftsman	0.92	.09	.11	.13	0.99	.10	.12	.14
Photographer	0.25	.08	.08	.11	0.28	.08	.07	.11
Interior Decorator	0.05	.07	.07	.10	-	-	-	-
Landscape Architect	0.06	.06	.07	.09	0.09	.08	.07	.10
Worker in Clothing & Fashion Trades	-	-	-	-	0.10	.07	.06	.09
Cook, Baker, Bartender, Etc.	0.14	.09	.07	.11	0.20	.08	.07	.10
Butcher, Meat Cutter	0.24	.07	.07	.09	0.16	.08	.07	.10
Misc. Service Worker	0.05	.08	.07	.10	0.08	.08	.06	.10
Barber	0.20	.09	.08	.11	0.29	.09	.08	.11
Hairdresser, Manicurist, Cosmetologist	0.12	.09	.09	.12	0.11	.09	.09	.11
General Laborer	2.16	.16	.16	.19	1.96	.16	.16	.18

TABLE J-2

Multiple Point Biserial Correlations for Females between Tests Administered in High School and Specific Occupation Five Years after Graduating from High School

	11th Grade				12th Grade			
	% of Sample in Occupation	Cognitive Tests	Non-Cognitive Tests	All Tests Combined	% of Sample in Occupation	Cognitive Tests	Non-Cognitive Tests	All Tests Combined
No Answer	9.87	.19	.14	.20	11.15	.18	.16	.20
Undecided	1.08	.08	.10	.12	1.78	.09	.10	.13
Housewife	39.99	.28	.33	.35	31.93	.28	.33	.35
No Specific Income-Producing Job	0.03	.06	.06	.09	0.10	.08	.06	.10
Executive (NEC)	0.01	.06	.06	.08	0.01	.07	.05	.08
Foreman (NEC)	0.01	.08	.06	.10	0.02	.07	.07	.10
Work for Gov't. (NEC)	0.20	.08	.07	.10	0.20	.08	.06	.10
Proprietor; Contractor; in Business for Self (NEC)	0.21	.07	.05	.08	0.12	.07	.06	.09
Industry, Business, or Commerce (NEC)	0.17	.08	.05	.10	0.24	.08	.06	.10
Retail (NEC)	0.01	.06	.04	.08	0.05	.07	.07	.09
Transportation (NEC)	0.04	.06	.05	.08	0.03	.07	.06	.09
Real Estate (NEC)	0.03	.07	.05	.08	0.01	.06	.06	.09
Insurance (NEC)	0.05	.07	.06	.09	0.09	.06	.06	.08
Electronics (NEC)	0.01	.06	.05	.08	0.02	.07	.05	.09
Work with People (NEC)	0.01	.07	.07	.09	0.05	.06	.05	.08
Work with Children (NEC)	0.05	.05	.06	.08	0.10	.11	.07	.13
Research (NEC)	-	-	-	-	0.04	.06	.06	.08
Mathematician, (Math Stat)	0.13	.09	.10	.12	0.05	.08	.07	.09

TABLE J-2 (con't.)

	11th Grade				12th Grade			
	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests
Other Statistician, Actuary	-	-	-	-	0.03	.08	.08	.10
Systems Analyst	0.09	.09	.08	.11	0.05	.08	.08	.10
Computor Programmer	0.34	.10	.11	.13	0.31	.10	.10	.13
Computer Specialist (NEC)	0.03	.08	.05	.09	0.05	.07	.06	.09
Scientist (NEC)	0.02	.07	.06	.09	-	-	-	-
Chemist	0.10	.07	.08	.10	0.17	.10	.11	.14
Geologist	-	-	-	-	0.01	.05	.07	.09
Civil or Hydraulic Engr.	-	-	-	-	0.01	.06	.05	.08
Chemical Engr.	-	-	-	-	0.01	.06	.07	.09
Lab Tech & Research Asst. in Phys. Sciences, Engr. Aides, Etc.	0.19	.06	.07	.09	0.16	.07	.08	.10
Biologist, Zoologist, Botanist, Paleontologist	0.13	.08	.08	.11	0.10	.08	.08	.10
Specialist in Fish, Wildlife, Forestry, Conservation	-	-	-	-	0.01	.07	.08	.10
Pharmacologist	0.03	.07	.06	.09	0.01	.06	.07	.09
Microbiologist	0.08	.07	.08	.10	0.10	.08	.09	.11
Biochemist	0.05	.07	.06	.09	0.05	.08	.08	.10
Other Clinical Scientist	0.02	.07	.07	.09	0.05	.08	.08	.10
MD, other & unspecified	0.05	.07	.07	.10	0.13	.09	.10	.12
Veterinarian	0.01	.06	.05	.08	0.03	.07	.06	.09

TABLE J-2 (con't.)

	11th Grade				12th Grade			
	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests
Pharmacist	0.09	.08	.08	.11	0.11	.08	.07	.10
Graduate Nurse (RN)	3.83	.15	.27	.28	4.78	.19	.32	.33
Dental Hygienist	0.21	.07	.07	.10	0.19	.07	.07	.10
Physical Therapist, Physiotherapist	0.10	.06	.07	.09	0.11	.08	.07	.10
Occupational Therapist	0.08	.07	.06	.08	0.09	.06	.07	.09
Specialized Therapist, Misc	0.10	.06	.07	.09	0.13	.07	.07	.10
Medical & Dental Technologist	0.60	.10	.11	.13	0.69	.10	.12	.14
Medical & Dental Tech., Lab Tech. in Bio. & Clinical Science	0.89	.08	.10	.12	0.91	.07	.09	.11
Psychologist	0.30	.11	.09	.13	0.25	.09	.09	.11
Psychological Research Assist.	0.02	.06	.05	.08	0.01	.06	.06	.08
Social Worker	1.15	.11	.11	.13	1.29	.11	.11	.13
Psychiatric Social Worker	0.08	.07	.05	.09	0.12	.07	.07	.09
Counseling & Guidance (Non-Psychologist)	0.08	.07	.06	.09	0.11	.07	.07	.09
Vocational or Educational Guidance (Non-Psychologist)	0.26	.08	.08	.10	0.22	.08	.06	.10
Economist	0.01	.06	.07	.09	0.03	.06	.07	.09
Sociologist	0.01	.06	.06	.09	0.01	.08	.05	.09

TABLE J·2 _con't.)

	11th Grade				12th Grade			
	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests
Anthropologist	0.03	.07	.05	.09	0.03	.06	.07	.09
Social Scientist (Misc.)	0.04	.07	.06	.08	0.05	.08	.07	.10
Politic	0.03	.07	.06	.10	0.01	.07	.05	.09
Diplomat, Foreign Service	0.02	.06	.06	.09	0.05	.06	.08	.09
Lawyer	0.07	.08	.09	.11	0.09	.07	.07	.09
Market Analyst	0.02	.06	.06	.08	-	-	-	-
Public Administrator (NEC)	-	-	-	-	0.01	.05	.06	.08
City Planner (NEC)	0.02	.06	.06	.08	-	-	-	-
Teacher (NEC)	8.60	.23	.26	.28	8.12	.21	.26	.27
Teacher, young children	0.06	.07	.05	.09	0.05	.07	.06	.08
Teacher, pre-school children	0.19	.06	.06	.08	0.25	.07	.06	.09
Teacher, Elementary Sch.	3.99	.14	.18	.20	5.11	.15	.20	.22
High Sch. Teacher (NEC)	0.53	.09	.08	.11	0.61	.10	.09	.12
High Sch. Teacher, Math	0.23	.11	.11	.13	0.42	.15	.14	.17
High Sch. Teacher, Science	0.19	.08	.09	.11	0.28	.08	.10	.11
High Sch. Teacher, Soc. St.	0.35	.10	.10	.13	0.46	.10	.10	.12
High Sch. Teacher, English	0.86	.12	.13	.14	1.02	.11	.14	.15
High Sch. Teacher, Foreign Languages	0.30	.10	.09	.12	0.39	.10	.10	.12
High Sch. Teacher, Commercial Ed.	0.37	.07	.08	.10	0.34	.08	.09	.11

TABLE J-2 (con't.)

	11th Grade				12th Grade			
	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests
High Sch. Teacher, Home Ec.	0.44	.09	.09	.12	0.43	.10	.09	.13
High Sch. Teacher, Trade & Industrial Ed.	0.03	.06	.05	.08	0.01	.05	.05	.08
High Sch. Teacher, Phys. Education	0.38	.09	.13	.14	0.30	.09	.11	.14
Art Teacher	0.32	.09	.10	.12	0.35	.09	.13	.15
Music Teacher	0.42	.10	.12	.13	0.39	.10	.12	.14
High Sch. Teacher, Speech	-	-	-	-	0.03	.06	.06	.09
Teacher of Handicapped	0.45	.08	.08	.10	0.41	.07	.07	.09
Speech Therapist	0.25	.07	.07	.09	0.27	.09	.08	.11
School Administrator (Non-College)	0.03	.06	.06	.08	0.06	.06	.07	.09
College Teacher, NEC	0.69	.12	.13	.15	0.61	.11	.11	.13
College Teacher, Math	0.06	.08	.07	.10	0.05	.08	.08	.10
College Teacher, Science	0.11	.10	.09	.12	0.14	.09	.11	.12
College Teacher, Soc. Sc.	0.10	.07	.08	.10	0.17	.09	.10	.12
College Teacher, English	0.21	.09	.09	.11	0.33	.12	.13	.15
College Teacher, Foreign Languages	0.12	.08	.08	.10	0.14	.08	.09	.10
College Administrator	0.03	.07	.05	.08	0.01	.07	.04	.08
Teacher's Aide, Auxiliary Job in Education	0.02	.07	.06	.09	-	-	-	-
Librarian	0.50	.09	.10	.12	0.37	.09	.10	.12

TABLE J-2 (con't.)

	11th Grade				12th Grade			
	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests
Clergyman	0.05	.07	.06	.09	0.05	.08	.06	.10
Monk, Brother, or Nun	0.19	.08	.08	.11	0.31	.10	.10	.13
Religious Worker	0.23	.07	.07	.10	0.24	.09	.07	.12
Writer (NEC)	0.18	.09	.10	.13	0.21	.08	.08	.10
Fiction Writer	0.03	.06	.07	.09	0.02	.07	.07	.10
Non-Fiction Writer	0.03	.07	.06	.09	0.03	.07	.06	.09
Journalist, Reporter, Etc.	0.15	.08	.09	.11	0.14	.06	.08	.10
Publisher	0.03	.06	.05	.08	0.03	.07	.07	.10
Editor	0.06	.07	.06	.09	0.05	.07	.07	.09
Translator, Interpreter, Linguist	0.08	.07	.06	.09	0.06	.07	.07	.09
Artist, esp. Fine Arts	0.27	.09	.10	.12	0.21	.09	.11	.13
Commercial Artist	0.23	.08	.10	.12	0.28	.09	.11	.14
Designer of Consumer Goods (Non-Clothing)	0.02	.07	.08	.10	0.03	.07	.07	.10
Musician (Instrumental)	0.05	.08	.07	.10	0.07	.08	.08	.11
Singer	0.08	.07	.07	.10	0.03	.08	.06	.09
Music Related Worker (Misc.)	0.01	.06	.05	.08	0.06	.07	.08	.10
Dancer	0.08	.07	.07	.09	0.10	.06	.06	.09
Actor	0.05	.08	.07	.10	0.04	.07	.07	.10
Theatrical Director	0.01	.06	.06	.09	-	-	-	-

TABLE J-2 (con't.)

	11th Grade				12th Grade			
	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests
Theatrical Worker (Other)	0.07	.08	.06	.10	0.10	.07	.10	.12
Performing Arts Worker (Misc.)	0.02	.07	.06	.09	0.02	.07	.05	.08
Model	0.05	.07	.06	.09	0.03	.06	.07	.09
Pro Athlete	0.01	.07	.06	.08	-	-	-	-
Recreation or Playground Director	0.05	.06	.06	.09	0.08	.06	.06	109
Camping, Scouting Director; Park Guide, Etc.	-	-	-	-	0.02	.06	.06	.09
Farm or Ranch Owner	0.02	.06	.05	.08	-	-	-	-
Farm Worker: Other, Misc., Gardener, Etc.	0.03	.07	.06	.09	0.04	.07	.07	.10
Policeman (Public) (NEC)	0.03	.08	.06	.10	-	-	-	-
Banker & Finance Worker (Non-College)	0.08	.06	.06	.09	0.20	.06	.07	.09
Banker & Finance Worker (College)	0.02	.07	.07	.10	0.03	.06	.06	.08
Investment or Stock Consultant	-	-	-	-	0.01	.05	.05	.07
CPA	0.05	.07	.07	.10	0.17	.09	.07	.11
Accountant, Auditor, Comptroller (except CPA)	0.56	.07	.08	.10	0.34	.08	.08	.11
Purchasing and Procurement Agent or Worker	0.02	.06	.06	.09	0.03	.07	.06	.09

TABLE J-2 (con't.)

	11th Grade				12th Grade			
	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests
Buyer for Retail Store	0.18	.08	.07	.10	0.16	.08	.06	.10
Advertising Worker	0.15	.07	.07	.09	0.22	.08	.08	.11
Public Relations Worker	0.11	.07	.07	.10	0.11	.08	.06	.09
Personnel Administrator	0.14	.07	.06	.09	0.17	.07	.07	.09
Appraisor, Estimator	0.10	.06	.05	.07	0.09	.06	.06	.08
Loan or Credit Investigator	0.01	.06	.05	.08	0.07	.06	.05	.08
Business Manager or Administrator	0.17	.07	.05	.08	0.13	.06	.05	.08
Wholesale or Retail Trade Manager, Marketing Worker	0.11	.06	.06	.09	0.08	.07	.05	.09
Supervisor in a Business (e.g. night manager)	0.04	.07	.07	.09	0.05	.06	.06	.08
Salesclerk, Checker	0.23	.08	.06	.10	0.23	.09	.07	.10
Stockbroker	0.01	.07	.06	.09	0.03	.08	.06	.10
Real Estate Salesman	0.03	.06	.06	.08	0.04	.06	.06	.09
Insurance Salesman	0.04	.06	.07	.09	0.03	.08	.05	.09
Other Salesmen (NEC)	0.10	.05	.06	.08	0.09	.06	.06	.08
Sales Manager	-	-	-	-	0.01	.06	.06	.09
Bookkeeper	0.65	.08	.09	.11	0.89	.08	.10	.12
Teller or Bank Clerk	0.21	.07	.06	.09	0.25	.07	.06	.08
Cashier	0.04	.08	.05	.09	0.12	.07	.05	.09

TABLE J-2 (con't.)

	11th Grade				12th Grade			
	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests
Worker in Misc. Computing & Account Recording Occupations	0.30	.07	.06	.09	0.44	.07	.07	.09
Keypunch Operator	0.45	.08	.07	.10	0.56	.09	.08	.11
Keypunch Supervisor	0.02	.06	.06	.09	0.03	.07	.05	.09
Computor Operator	0.37	.07	.07	.09	0.44	.08	.06	.10
Secretary (NEC)	5.52	.14	.16	.19	6.78	.18	.20	.23
Secretary-Bookkeeper	0.17	.06	.07	.09	0.16	.09	.07	.11
Medical or Dental Sec.	0.25	.06	.06	.09	0.32	.07	.07	.10
Legal Secretary	0.29	.07	.06	.09	0.41	.09	.07	.11
Stenographer or Court Reporter	0.31	.06	.06	.08	0.47	.08	.08	.10
Typist, Clerk-Typist	0.44	.08	.06	.10	0.70	.09	.08	.11
Proofreader	-	-	-	-	0.01	.07	.06	.09
Clerk (Misc.)	0.64	.09	.07	.11	0.93	.09	.09	.12
Office Supervisor	0.12	.07	.07	.10	0.10	.08	.05	.09
Office Manager	0.09	.07	.05	.08	0.03	.07	.06	.09
Phone Operator, PBX Operator	0.14	.08	.05	.09	0.31	.08	.07	.10
Worker in Other "public Contact" Occupations: Receptionist, Ticket Clerk, Etc.	0.25	.06	.06	.08	0.39	.07	.06	.09
Radio, Telegraph, or Teletype Operator	0.04	.07	.05	.09	0.03	.07	.05	.08

TABLE J-2 (con't.)

	11th Grade				12th Grade			
	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests
Misc. Clerical Worker	0.16	.08	.06	.10	.08	.08	.05	.09
Misc. Administrative Worker	0.09	.07	.06	.09	0.12	.08	.07	.10
Electrician (NEC)	0.01	.06	.06	.08	-	-	-	-
Electronic Technician	0.01	.07	.05	.09	-	-	-	-
Metal Trades Worker	-	-	-	-	0.01	.07	.05	.08
Bus, Truck Driver, Etc.	0.01	.07	.06	.10	-	-	-	-
Worker in Printing Trades	0.03	.07	.06	.09	0.04	.07	.06	.09
Draftsman	0.03	.06	.08	.10	0.03	.06	.07	.09
Photographer	0.07	.06	.05	.08	0.03	.07	.07	.10
Interior Decorator	0.20	.07	.07	.10	0.14	.07	.08	.10
Landscape Architect	-	-	-	-	0.01	.07	.08	.10
Worker in Clothing and Fashion Trades	0.27	.08	.06	.10	0.34	.09	.08	.12
Dietician	0.11	.07	.06	.09	0.15	.07	.07	.10
Home Economist (NEC)	0.23	.07	.08	.11	0.20	.07	.07	.10
Airline Stewardess	0.15	.08	.07	.10	0.09	.06	.06	.09
Cook, Baker, Bartender, Etc.	0.05	.07	.07	.10	0.03	.08	.07	.10
Misc. Service Worker	0.15	.08	.08	.11	0.19	.07	.08	.10
Hairdresser, Manicurist, Cosmetologist	1.30	.12	.11	.14	1.33	.13	.12	.15
Practical Nurse	1.09	.11	.13	.15	0.80	.12	.10	.15

TABLE J-2 (con't.)

	11th Grade				12th Grade			
	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests	% in Occup.	Cog. Tests	Non-Cog. Tests	All Tests
Nurses' Aide, Psychiatric Aide, Etc.	0.11	.09	.06	.10	0.16	.07	.07	.09
Domestic Service Worker	-	-	-	-	0.03	.07	.05	.08
General Laborer	0.40	.11	.09	.12	0.52	.12	.10	.14

APPENDIX K

PREDICTION OF OCCUPATIONAL CHOICE FROM GENERAL ACADEMIC APTITUDE COMPOSITE AND SOCIOECONOMIC STATUS

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Appendix K was planned and developed by James M. Richards, Jr.

TABLE K-1

Prediction of Occupational Choice and Occupation of 11th Grade Males from General Academic Aptitude Composite and Socioeconomic Status

	Occupational Choice in High School			Occupation Five Years after High School Graduation		
	General Academic Aptitude Composite	Socio-Economic Status	Multiple r for Combination	General Academic Aptitude Composite	Socio-Economic Status	Multiple r for Combination
Undecided	-.16	-.07	.16	-.10	-.08	.11
Housewife	-	-	-	-	-	-
Mathematician	.09	.01	.09	.07	.01	.07
Physical Scientist	.18	.07	.18	.11	.04	.11
Engineer	.19	.04	.19	.17	.04	.18
Engineering or Scientific Aide	.01	.01	.01	-.01	-.02	.02
Biological Scientist	.03	.03	.04	.05	.02	.05
Physician	.13	.14	.16	.14	.11	.16
Dentist	.02	.06	.06	.06	.05	.07
Pharmacist	.00	-.01	.01	.03	.01	.03
Nurse	-	-	-	-.01	-.01	.01
Medical or Dental Technician	.00	.01	.02	-.02	.00	.03
Social Worker	-.05	-.03	.05	.01	.01	.01
Sociologist or Psychologist	.03	.03	.03	.06	.04	.06
Political Scientist or Economist	-	-	-	.04	.04	.05
Lawyer	.06	.10	.10	.14	.14	.17
Elementary School Teacher	-.02	-.01	.02	.00	.00	.00
High School Teacher	.02	-.01	.02	.06	.01	.06
College Professor	.05	.03	.05	.16	.10	.17

TABLE K-1 (con't.)

	Occupational Choice in High School			Occupation Five Years after High School Graduation		
	General Academic Aptitude Composite	Socio-Economic Status	Multiple r for Combination	General Academic Aptitude Composite	Socio-Economic Status	Multiple r for Combination
Clergyman, Religious Worker	.07	.03	.07	.05	.02	.05
Writer	.03	.03	.04	.04	.02	.04
Artist or Entertainer	-.02	.00	.02	-.01	.01	.01
Forester	-.05	-.01	.05	-	-	-
Farmer	-.12	-.09	.13	-.11	-.06	.11
Armed Enlisted Man	-.07	-.08	.09	-.03	-.02	.03
Armed Forces Officer	-.06	-.05	.07	.06	.04	.07
Policeman or Fireman	-.08	-.04	.08	-.07	-.04	.07
Businessman	.00	.08	.09	.01	.09	.09
Salesman	-.04	.00	.04	-.05	.06	.10
Accountant	-.03	-.02	.03	.03	-.01	.03
Secretary, Clerk, Typist	-	-	-	-.08	-.06	.09
Craftsman	-.09	-.06	.10	-	-	-
Skilled Worker	-.11	-.10	.13	-.22	-.18	.25
Structural Worker	-.08	-.06	.08	-.16	-.09	.16
Airplane Pilot	-.03	-.03	.04	.04	.03	.04
Barber or Beautician	-.06	-.04	.07	-.06	-.03	.06
Other	-.11	-.05	.11	-.12	-.09	.13

TABLE K-2

Prediction of Occupational Choice and Occupation of 11th Grade Females from General Academic Aptitude Composite and Socioeconomic Status

	Occupational Choice in High School			Occupation Five Years after High School Graduation		
	General Academic Aptitude Composite	Socio-Economic Status	Multiple r for Combination	General Academic Aptitude Composite	Socio-Economic Status	Multiple r for Combination
Undecided	-.08	-.05	.09	-.12	-.07	.12
Housewife	-.08	-.03	.08	-.19	-.14	.21
Mathematician	.08	.02	.08	.09	.04	.09
Physical Scientist	.09	.04	.09	-	-	-
Engineer	-	-	-	-	-	-
Engineering or Scientific Aide	-	-	-	-	-	-
Biological Scientist	.06	.05	.07	.06	.04	.06
Physician	.06	.05	.07	-	-	-
Dentist	-	-	-	-	-	-
Pharmacist	.03	.01	.03	-	-	-
Nurse	-.01	-.02	.02	.05	.01	.05
Medical or Dental Technician	.06	.05	.07	.01	.02	.02
Social Worker	.02	.04	.04	.06	.06	.07
Sociologist or Psychologist	.08	.09	.10	.09	.07	.10
Political Scientist or Economist	-	-	-	-	-	-
Lawyer	.03	.04	.04	-	-	-
Elementary School Teacher	.11	.11	.13	.08	.07	.10
High School Teacher	.19	.09	.19	.23	.16	.25
College Professor	.01	.01	.01	.14	.09	.15

TABLE K-2 (con't.)

	Occupational Choice in High School			Occupation Five Years after High School Graduation		
	General Academic Aptitude Composite	Socio-Economic Status	Multiple r for Combination	General Academic Aptitude Composite	Socio-Economic Status	Multiple r for Combination
Clergyman, Religious Worker	-	-	-	.02	.01	.02
Writer	.06	.05	.06	.07	.06	.08
Artist or Entertainer	.04	.06	.07	.02	.05	.05
Forester	-	-	-	-	-	-
Farmer	-	-	-	-	-	-
Armed Forces Enlisted Man	-	-	-	-	-	-
Armed Forces Officer	-.04	-.04	.05	-	-	-
Policeman or Fireman	-	-	-	-	-	-
Businessman	.00	.01	.02	.01	.03	.03
Salesman	-.04	-.03	.04	-.04	-.04	.05
Accountant	-.05	-.06	.07	-.04	-.04	.05
Secretary, Clerk, Typist	-.20	-.19	.24	-.10	-.08	.11
Craftsman	-	-	-	-	-	-
Skilled Worker	-	-	-	-	-	-
Structural Worker	-	-	-	-	-	-
Airplane Pilot	-.01	.00	.01	-	-	-
Barber or Beautician	-.14	-.08	.14	-.10	-.04	.10
Other	.01	.04	.04	-.03	-.02	.03

TABLE K-3

Prediction of Occupational Choice and Occupation of 12th Grade Males from General Academic Aptitude Composite and Socioeconomic Status

	Occupational Choice in High School			Occupation Five Years after High School Graduation		
	General Academic Aptitude Composite	Socio-Economic Status	Multiple r for Combination	General Academic Aptitude Composite	Socio-Economic Status	Multiple r for Combination
Undecided	-.15	-.07	.15	-.14	-.11	.15
Housewife	-	-	-	-	-	-
Mathematician	.08	.00	.09	.08	.03	.08
Physical Scientist	.17	.09	.17	.10	.04	.19
Engineer	.21	.05	.21	.17	.04	.17
Engineering or Scientific Aide	.01	-.01	.01	.01	-.02	.03
Biological Scientist	.02	.02	.02	.04	.03	.04
Physician	.15	.15	.18	.15	.12	.17
Dentist	.03	.07	.07	.06	.07	.08
Pharmacist	.01	.00	.01	.04	.02	.04
Nurse	-	-	-	.00	.00	.00
Medical or Dental Technician	-.01	.01	.01	-.01	.00	.01
Social Worker	-.04	-.05	.05	.00	.00	.00
Sociologist or Psychologist	.03	.04	.04	.06	.05	.07
Political Scientist or Economist	.06	.07	.08	.04	.03	.04
Lawyer	.04	.09	.09	.12	.15	.16
Elementary School Teacher	-.02	-.02	.03	.00	-.01	.02
High School Teacher	.03	-.01	.04	.06	.01	.06
College Professor	.05	.05	.06	.16	.09	.16

TABLE K-3 (con't.)

	Occupational Choice in High School			Occupation Five Years after High School Graduation		
	General Academic Aptitude Composite	Socio-Economic Status	Multiple r for Combination	General Academic Aptitude Composite	Socio-Economic Status	Multiple r for Combination
Clergyman, Religious Worker	.06	.03	.06	.06	.02	.06
Writer	.04	.03	.05	.04	.02	.04
Artist or Entertainer	-.03	.00	.03	.01	.03	.03
Forester	-.04	-.02	.04	-	-	-
Farmer	-.12	-.07	.12	-.11	-.06	.11
Armed Forces Enlisted Man	-.08	-.08	.10	-.02	-.01	.03
Armed Forces Officer	-.05	-.05	.06	.06	.02	.06
Policeman or Fireman	-.08	-.06	.09	-.06	-.05	.07
Businessman	-.01	.08	.09	.02	.08	.08
Salesman	-.04	.01	.05	-.03	.03	.05
Accountant	-.02	-.03	.03	.01	-.02	.03
Secretary, Clerk, Typist	-	-	-	-.06	-.04	.07
Craftsman	-.08	-.06	.09	-	-	-
Skilled Worker	-.14	-.12	.16	-.19	-.15	.21
Structural Worker	-.08	-.07	.09	-.14	-.10	.15
Airplane Pilot	-.03	-.02	.03	.03	.03	.04
Barber or Beautician	-.07	-.04	.08	-.08	-.05	.08
Other	-.14	-.07	.14	-.13	-.07	.13

TABLE K-4

Prediction of Occupational Choice and Occupation of 12th Grade Females
from General Academic Aptitude Composite and Socioeconomic Status

	Occupational Choice in High School			Occupation Five Years after High School Graduation		
	General Academic Aptitude Composite	Socio-Economic Status	Multiple r for Combination	General Academic Aptitude Composite	Socio-Economic Status	Multiple r for Combination
Undecided	-.09	-.05	.09	-.15	-.10	.16
Housewife	-.07	-.04	.08	-.17	-.10	.18
Mathematician	.10	.03	.10	.07	.03	.07
Physical Scientist	.12	.04	.12	-	-	-
Engineer	-	-	-	-	-	-
Engineering or Scientific Aide	-	-	-	-	-	-
Biological Scientist	.08	.05	.08	.08	.05	.08
Physician	.08	.06	.09	-	-	-
Dentist	-	-	-	-	-	-
Pharmacist	.01	.00	.02	-	-	-
Nurse	.02	-.02	.03	.07	.01	.07
Medicial or Dental Technician	.05	.03	.06	.03	.02	.03
Social Worker	.01	.05	.05	.06	.06	.07
Sociologist or Psychologist	.09	.09	.11	.08	.06	.09
Political Scientist or Economist	-	-	-	-	-	-
Lawyer	.01	.05	.05	-	-	-
Elementary School Teacher	.11	.12	.14	.09	.09	.11
High School Teacher	.20	.09	.21	.23	.16	.25
College Professor	.06	.05	.07	.14	.09	.15

TABLE K-4 (con't.)

	Occupational Choice in High School			Occupation Five Years after High School Graduation		
	General Academic Aptitude Composite	Socio-Economic Status	Multiple r for Combination	General Academic Aptitude Composite	Socio-Economic Status	Multiple r for Combination
Clergyman, Religious Worker	-	-	-	.04	.01	.04
Writer	.06	.05	.07	.06	.05	.07
Artist or Entertainer	.02	.07	.07	.03	.05	.05
Forester	-	-	-	-	-	-
Farmer	-	-	-	-	-	-
Armed Forces Enlisted Man	-	-	-	-	-	-
Armed Forces Officer	-.02	-.02	.03	-	-	-
Policeman or Fireman	-	-	-	-	-	-
Businessman	-.01	.01	.01	.00	.03	.04
Salesman	-.03	-.03	.03	-.03	-.02	.03
Accountant	-.06	-.06	.07	-.04	-.04	.05
Secretary, Clerk, Typist	-.23	-.21	.27	-.12	-.09	.13
Craftsman	-	-	-	-	-	-
Skilled Worker	-	-	-	-	-	-
Structural Worker	-	-	-	-	-	-
Airplane Pilot	-.03	-.01	.03	-	-	-
Barber or Beautician	-.13	-.10	.14	-.10	-.07	.11
Other	-.02	.05	.06	-.06	-.05	.07

APPENDIX L

AFTERTHOUGHTS, ERRATA, AND OTHER MISCELLANY

This appendix, being in the last section of the report to go to press, is the repository for afterthoughts and other odds and ends relevant to sections that went to press earlier.

1. The first footnote on page 9-4 refers the reader to Appendix D and the second refers him to Appendix L. Actually these two footnotes should have referred him to Appendices D-1 and D-2 respectively. The second footnotes on Tables 9-3a through 9-3f also should say "See Appendix D-2" instead of what they do say, "See Appendix L." Appendix D-2 contains conversion tables for deciles, quartiles, and augmented stanines, on composites C-001, C-002, and C-007.

M.F.S.

2. Because the primary focus of Chapters 5, 7, 9, 11, 12, and 13 is intended to be on relations among variables or groups rather than on normative data for individual variables or groups, all tables in these chapters (except where there is specific indication to the contrary) are based on unweighted data.

M.F.S.

3. Further details about the cases on which various analyses are based are as follows:
    a. All Chapter 5 and Chapter 7 analyses are based on complete cases only. Where occupational groups are involved, the data for them are based on purified groups only.
    b. All data in Tables 9-4, 9-5a, 9-5b, 9-6a, 9-6b, 9-7a, and 9-7b are based on complete cases only. All other tables in Chapter 9 are based on all available cases for whom the requisite data are available.
    c. All analyses in Chapters 11, 12, and 13 are based on all available cases for whom the requisite data are available.

M.F.S.

4. The primary function (though not the sole one) of Chapters 5 and 7 is to report on preliminary and exploratory research into new or revised approaches for dealing with TALENT data. Because the emphasis in these chapters is therefore primarily on methodological rather than substantive matters, data have not been presented in Chapter 7 for all groups; and in Chapter 5, because of the exploratory and preliminary nature of the research, and also because of space limitations, the very massive set of intermediate tables is not presented.

M.F.S.

5. The following typographical errors have been found:

Page	Line	
9-1	11	"Question" should be changed to "questions".
9-1	19	The period after "enter" should be changed to a comma.

M.F.S.

6. Appendix J is based on purified occupational groups. N's are shown in Table 1-5.

J.M.R.

7. The remainder of this appendix is devoted to tabulations of the numbers of cases on which the tables presented in Chapters 3, 4, and 10, and in Appendices I and K are based.

TABLE L-1. N's for percents shown in Chapter 3 (Weighted N's x 10)

Occupational Choice	High School Choice				Five-year Follow-up Choice			
	Gr. 11 M	Gr. 11 F	Gr. 12 M	Gr. 12 F	Gr. 11 M	Gr. 11 F	Gr. 12 M	Gr. 12 F
Housewife	10,719	886,234	1,758	840,794	547	3,495,405	470	3,036,414
Mathematician	100,879	58,933	97,437	32,943	121,588	24,016	91,307	25,998
Physical Scientist	230,271	44,255	244,807	42,059	80,185	13,490	85,137	11,508
Engineer	1,321,348	13,458	1,230,076	14,258	387,951	4,240	357,484	4,387
Engineer or sci. aide	105,090	3,062	63,140	1,625	41,179	17,007	55,010	14,970
Biological Scientist	129,620	110,365	127,457	49,913	50,325	22,816	46,906	19,358
Physician	240,573	94,909	180,328	50,740	56,736	3,003	93,130	16,032
Dentist	162,813	48,172	123,804	20,652	51,495	424	52,005	0
Pharmacist	106,718	29,371	117,749	44,416	35,083	3,891	30,589	4,382
Nurse or Misc. Therap.	16,074	827,713	9,445	809,311	43,462	468,581	17,448	481,948
Med. or Dental Tech.	20,991	146,353	21,836	177,272	31,596	102,158	29,867	92,417
Social Worker	41,520	243,699	46,078	147,594	36,297	55,108	50,387	108,639
Sociologist or Psychologist	34,275	85,634	38,084	117,057	69,210	58,357	90,211	59,413
Political Sci. or Economist	21,582	9,966	27,658	19,820	35,876	3,967	36,579	9,047
Lawyer	206,020	56,667	254,865	34,161	153,129	2,861	164,788	2,403
Elem. School Teacher	51,230	636,343	52,066	773,225	12,109	218,019	11,913	313,003
High School Teacher	275,671	524,810	445,341	595,429	397,298	825,823	432,890	834,559
College Professor	20,372	25,025	43,349	19,090	129,997	75,824	170,151	56,749
Clergyman	114,272	17,059	108,879	12,764	89,443	41,146	86,546	40,506
Writer	36,355	51,078	38,633	53,022	60,272	42,549	47,974	27,508
Artist or Entertainer	124,806	195,267	142,568	185,572	103,274	44,207	90,032	76,511
Forester	228,960	10,646	155,028	7,095	7,597	0	11,681	130
Farmer	298,332	32,883	258,049	5,275	194,960	2,117	222,855	2,112
Armed Forces Enlisted Man	165,354	28,699	93,322	10,988	94,181	200	64,617	211
Armed Forces Officer	386,327	70,873	319,498	41,913	44,542	214	34,614	200
Policeman or Fireman	134,193	7,549	83,600	5,430	154,320	5,010	133,480	566
Businessman	384,382	51,831	536,139	23,867	1,099,656	116,246	958,491	134,655
Salesman	90,030	42,522	52,692	42,617	360,247	44,640	343,460	66,823
Accountant	229,469	172,627	327,918	220,825	241,244	185,523	235,263	195,637
Secretary, Clerk, Typist	25,746	1,899,011	35,589	2,183,297	137,956	839,697	152,646	948,765
Craftsman	100,092	424	75,632	217	2,797	0	8,151	0
Skilled Worker	433,156	410	514,955	12,628	1,092,892	16,038	926,475	11,428
Structural Worker	104,544	1,156	130,725	5,737	299,534	474	300,676	410
Airplane Pilot	172,399	14,761	98,733	32,159	75,950	200	54,725	0
Barber or Beautician	45,939	332,708	89,128	345,648	42,826	162,231	22,581	143,577
Other, No answer, etc.	1,463,812	969,832	1,223,975	895,121	1,802,125	848,824	1,899,802	1,134,268

TABLE L-2. N's for Phi Coefficients shown in Chapter 4 and cross-tabulations shown in Appendix I
(Unweighted N's)

Occupational Choice	High School Choice				Final Choice			
	Gr. 11 M	Gr. 11 F	Gr. 12 M	Gr. 12 F	Gr. 11 M	Gr. 11 F	Gr. 12 M	Gr. 12 F
Housewife	10	1,875	9	1,456	3	7,266	4	5,433
Mathematician	322	158	251	114	414	118	300	86
Physical Scientist	773	171	683	158	299	31	260	34
Engineer	3,583	50	3,196	41	1,304	3	1,137	7
Engineer or sci. aide	200	16	167	9	124	46	99	28
Biological Scientist	344	262	261	139	201	68	196	54
Physician	634	197	560	142	322	18	353	32
Dentist	348	49	308	33	137	3	128	0
Pharmacist	274	93	240	69	107	18	108	21
Nurse or Misc. Therap.	14	2,024	20	1,686	64	1,127	64	1,159
Med. or Dental Tech.	72	384	60	448	78	278	64	290
Social Worker	74	484	78	375	93	253	95	254
Sociologist or Psychol.	97	270	122	284	270	185	228	138
Political Sci. or Economist	57	26	93	45	108	21	76	21
Lawyer	574	116	587	72	512	15	518	15
Elementary School Teacher	80	1,827	93	1,979	63	787	58	946
High School Teacher	752	1,539	988	1,640	1,332	2,605	1,202	2,402
College Professor	89	68	107	64	590	302	536	287
Clergyman	439	59	407	38	289	90	301	113
Writer	78	202	108	142	116	114	128	93
Artist or Entertainer	287	518	275	411	220	181	207	163
Forester	470	10	318	9	28	0	29	1
Farmer	704	58	577	27	384	10	452	10
Armed Forces Enlisted Man	323	23	299	14	89	2	77	1
Armed Forces Officer	840	118	605	59	135	1	125	1
Policeman or Fireman	257	16	192	16	309	6	270	3
Businessman	871	75	1,181	74	2,474	341	2,453	354
Salesman	102	83	167	88	683	74	714	78
Accountant	615	325	781	423	638	335	646	401
Secretary, Clerk, Typist	47	4,251	47	4,521	320	1,691	283	2,118
Craftsman	216	3	174	1	14	0	17	0
Skilled Worker	820	4	970	14	2,116	21	1,677	12
Structural Worker	175	6	171	5	436	2	432	2
Airplane Pilot	442	78	222	64	239	1	159	0
Barber or Beautician	77	603	91	495	57	270	70	274
Other	2,487	1,993	2,256	1,778	2,979	1,751	3,198	2,102

TABLE L-3. N's for correlations shown in Chapter 4 and Appendix K (Unweighted N's)

Occupational Choice	High School Choice				Five-year Follow-up Choice			
	Gr. 11 M	Gr. 11 F	Gr. 12 M	Gr. 12 F	Gr. 11 M	Gr. 11 F	Gr. 12 M	Gr. 12 F
Undecided, No Answer	478	297	405	247	1047	838	1257	1058
Housewife	-	1641	-	1262	-	6277	-	4695
Mathematician	280	139	216	97	346	109	250	76
Physical Scientist	664	150	591	141	252	-	218	-
Engineer	3070	-	2736	-	1130	-	959	-
Engineer or sci. aide	169	-	144	-	106	-	84	-
Biological Scientist	285	229	218	127	177	59	175	51
Physician	549	174	493	127	282	-	320	-
Dentist	293	-	257	-	114	-	114	-
Pharmacist	237	78	204	56	92	-	95	-
Nurse or Misc. Therap.	-	1742	-	1481	51	968	50	1020
Med. or Dental Tech.	66	337	54	405	70	239	52	251
Social Worker	55	428	60	309	75	226	79	223
Sociologist or Psychologist	91	239	105	250	230	167	198	127
Political Sci. or Economist	-	-	82	-	93	-	64	-
Lawyer	507	103	498	65	438	-	444	-
Elem. School Teacher	67	1623	82	1739	55	688	50	823
High School Teacher	648	1372	867	1455	1151	2316	1060	2143
College Professor	76	55	95	57	514	267	467	258
Clergyman	337	-	304	-	229	76	228	96
Writer	68	181	91	122	103	103	101	84
Artist or Entertainer	237	446	236	350	188	147	175	143
Forester	403	-	269	-	-	-	-	-
Farmer	639	-	512	-	347	-	396	-
Armed Forces Enlisted Man	275	-	252	-	78	-	67	-
Armed Forces Officer	701	101	503	50	119	-	108	-
Policeman or Fireman	210	-	169	-	257	-	214	-
Businessman	740	65	997	63	2102	300	2065	312
Salesman	85	72	137	71	562	65	602	64
Accountant	510	278	630	369	540	292	533	335
Secretary, Clerk, Typist	-	3660	-	3851	273	1452	240	1774
Craftsman	177	-	149	-	-	-	-	-
Skilled Worker	684	-	790	-	1767	-	1381	-
Structurel Worker	144	-	140	-	353	-	355	-
Airplane Pilot	369	66	187	55	201	-	133	-
Barber or Beautician	62	515	76	414	51	216	62	228
Other	1524	1359	1422	1261	1380	642	1391	709

TABLE L-4. N's for correlations shown in Chapter 10
(Unweighted N's)

Major Field	High School Choice				1-Yr. Follow-up Choice				5-Yr. Follow-up Choice				5-Yr. Follow-up Recruits				5-Yr. Follow-up GPA			
	11thM	11thF	12thM	12thF	11thM	11thM	12thM	12thF	11thM	11thF	12thM	12thF	11thM	11thF	12thM	12thF	11thM	11thF	12thM	12thF
Biological Sciences	448	403	387	341	852	422	923	626	512	285	432	254	445	218	363	184	506	279	427	245
Physical Sciences	1316	273	1210	280	754	137	833	190	546	85	481	101	336	59	262	54	535	84	464	101
Engineering	3429	36	3499	41	1829	-	2126	-	1359	-	1257	-	514	-	345	-	1310	-	1221	-
Mathematics	764	461	629	390	543	338	707	383	504	240	412	220	372	124	286	104	491	236	401	215
Pre-medical	894	387	858	308	-	-	-	-	133	-	122	-	74	-	49	-	129	-	121	-
Pre-dental	304	75	324	69	-	-	-	-	52	-	44	-	35	-	-	-	48	-	40	-
Pre-law	620	107	657	98	-	-	-	-	60	-	81	-	42	-	58	-	57	-	79	-
Business Administration	1054	867	2027	1323	1836	906	2121	1007	1819	606	1782	546	1476	438	1093	306	1755	578	1712	512
Education	505	2515	789	3427	543	2311	610	2483	599	2124	538	1890	509	1204	399	743	571	2048	520	1826
Sociology or Psychology	156	616	220	743	286	354	317	416	607	564	718	578	580	473	667	445	596	557	703	555
Political Sci. or Economics	106	44	193	92	848	626	941	664	623	109	277	21	603	107	262	-	615	106	269	-
Foreign Languages	81	421	81	386	106	417	124	450	82	284	84	234	72	191	68	144	81	283	81	230
Other Liberal Arts	330	515	535	633	422	811	485	922	1147	1173	964	962	1049	1032	835	797	1127	1150	946	941
Fine Arts	284	709	388	802	316	553	376	687	255	450	231	411	161	230	127	192	249	437	221	398
Agriculture	407	-	411	-	288	-	368	-	239	-	252	-	134	-	119	-	233	-	240	-
Nursing	-	1076	-	1160	-	524	-	-	-	395	-	333	-	139	-	79	-	378	-	306
Home Economics	-	460	-	506	-	414	-	443	-	352	-	285	-	216	-	126	-	339	-	276
Pre-theology	176	-	236	-	131	56	133	85	50	39	55	-	43	39	39	-	50	38	50	-
Journalism	119	215	134	176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A field not listed	1129	857	1082	973	1110	510	1584	1664	397	347	421	326	338	299	346	258	384	327	397	314
Total	14068	11545	15129	12961	10247	9181	12631	11630	10149	8017	9515	7248								

Note: Total includes cases not classifiable above.

APPENDIX M

MEANS AND STANDARD DEVIATIONS ON 12 A PRIORI COMPOSITES

(C-001 THROUGH C-012)

FOR PURIFIED CAREER PLAN GROUPS CONTAINING AT LEAST 10 CASES

Table		Page
M-1a	Grade 12 Males	M-2
M-1b	Grade 12 Females	M-14
M-2a	Grade 11 Males	M-20
M-2b	Grade 11 Females	M-32

Appendix M was planned and designed by Marion F. Shaycoft. It was prepared by Roshina LoMele from the original computer printouts.

TABLE M-1a. Means and standard deviations on 12 *a priori* composites (C-001 through C-012) for purified career plan groups containing at least 10 cases

Grade 12 males with 5-year follow-up data

#	Career-plan code Q-2-cp-A Cases with *no* college	N	P	Mean					σ				
				1 C-001	2 C-002	3 C-003	4 C-004	5 C-005	1 C-001	2 C-002	3 C-003	4 C-004	5 C-005
2	001	434	0.031	165.749	485.341	109.979	92.548	54.111	47.640	102.734	18.216	36.821	15.365
3	102	38	0.003	173.132	488.131	109.000	94.447	58.395	42.639	105.355	19.114	38.890	14.354
4	111	19	0.001	149.368	438.105	101.579	77.632	51.211	61.318	125.252	23.128	32.351	15.321
5	112	126	0.009	173.063	497.714	110.921	96.373	56.746	44.206	97.862	16.950	37.205	15.130
6	120	45	0.003	159.222	472.156	107.200	87.600	51.089	48.997	109.788	20.374	36.378	15.473
7	121	15	0.001	177.000	508.933	113.533	99.600	53.667	34.178	75.904	11.109	31.921	11.998
8	122	14	0.001	182.500	500.214	109.357	103.071	57.143	29.085	129.368	25.922	43.235	14.298
9	125	94	0.007	190.128	539.330	116.372	114.351	65.383	44.174	96.301	15.723	42.749	16.047
10	222	36	0.003	188.028	545.667	120.000	116.500	55.944	46.148	106.255	17.398	44.901	13.247
11	299	33	0.002	186.303	535.606	116.424	113.939	58.818	39.043	91.140	13.613	46.289	13.799
12	348	15	0.001	179.000	530.733	117.400	112.067	68.133	44.438	87.647	14.749	33.358	9.372
13	521	13	0.001	204.000	579.923	122.923	121.308	63.308	33.247	83.583	15.997	38.806	18.777
14	545	26	0.002	181.385	514.192	118.692	95.192	59.269	42.330	98.275	17.656	37.597	11.248
15	623	10	0.001	155.900	462.300	106.400	81.200	58.900	46.309	87.127	17.174	22.612	12.096
16	631	87	0.006	165.701	485.598	107.908	97.138	54.391	45.094	95.961	15.501	34.077	11.882
17	639	160	0.011	162.438	480.994	106.344	96.487	53.938	47.177	102.118	17.577	34.430	13.591
18	640	31	0.002	168.452	481.355	110.161	88.323	53.806	42.709	92.210	17.769	38.442	15.549
19	661	87	0.006	176.080	507.356	115.322	95.322	59.000	45.087	88.813	15.851	35.484	14.499
20	666	28	0.002	174.286	491.178	109.071	92.464	56.214	42.520	89.848	15.384	41.727	14.599
21	669	15	0.001	163.467	460.600	106.467	70.800	54.267	32.500	57.828	9.387	18.606	13.339
22	711	40	0.003	196.825	549.450	121.475	106.700	59.125	31.842	67.699	11.205	34.552	11.438
23	716	25	0.002	174.680	512.600	112.840	108.440	51.600	53.342	93.683	13.493	50.042	14.463
24	717	34	0.002	187.735	542.706	117.471	113.471	53.765	38.435	88.276	12.709	41.177	14.441
25	723	11	0.001	176.091	517.000	112.545	105.273	59.727	25.066	63.873	10.792	35.446	12.900
26	730	81	0.006	182.889	518.778	114.580	102.432	57.531	41.556	91.306	16.001	35.910	14.510
27	732	54	0.004	187.185	522.222	114.204	104.019	56.093	41.570	84.091	13.994	36.917	15.021
28	738	57	0.004	173.281	504.789	113.509	99.965	57.140	41.832	101.393	17.896	40.002	12.887
29	741	15	0.001	163.667	498.400	112.867	101.667	58.733	53.405	81.264	15.118	26.978	12.646
30	742	11	0.001	144.091	435.727	102.182	69.727	47.545	38.602	72.304	13.797	19.199	9.004
31	746	22	0.002	194.591	549.318	119.636	113.864	61.591	38.871	89.167	16.343	35.736	14.946
32	748	111	0.008	170.730	495.820	111.396	95.955	54.234	47.266	97.503	15.605	36.945	13.967
33	755	19	0.001	170.316	483.158	110.474	83.316	51.158	34.155	70.609	13.451	17.117	8.167
34	758	33	0.002	178.576	521.121	115.818	104.000	56.091	37.770	77.151	12.090	37.998	13.526
35	769	20	0.001	141.350	446.450	105.100	79.500	43.350	56.008	117.777	18.940	40.609	14.989
36	772	12	0.001	160.083	485.667	114.000	87.833	51.500	48.027	90.049	17.399	26.184	15.785
37	789	10	0.001	172.500	515.700	114.000	98.000	49.600	25.988	55.223	7.454	31.696	13.689
38	791	11	0.001	167.091	498.727	114.364	98.727	59.727	23.287	59.031	10.763	30.460	13.297
39	796	20	0.001	156.350	475.400	109.400	89.850	47.400	57.517	110.278	14.713	50.016	19.074
40	797	58	0.004	168.983	484.724	108.500	94.190	51.103	54.047	115.919	19.338	42.924	16.471
41	798	14	0.001	164.357	482.071	112.786	74.500	49.286	36.731	73.598	11.623	25.013	13.556
42	810	145	0.010	172.262	494.855	108.752	97.903	59.572	44.250	94.936	17.028	36.239	14.374
43	811	141	0.010	200.035	563.518	118.454	127.369	69.567	41.643	97.800	17.256	42.761	15.498
44	812	37	0.003	158.459	471.243	107.378	92.432	55.324	41.249	115.680	21.505	42.518	16.384
45	813	27	0.002	179.778	516.963	115.407	100.370	60.889	45.784	94.905	14.224	38.505	15.072
46	814	14	0.001	214.643	586.500	121.714	124.357	73.714	27.853	73.022	12.827	42.572	14.344
47	820	98	0.007	156.418	464.082	106.714	85.704	58.082	49.607	92.632	16.943	31.201	14.498
48	821	67	0.005	165.209	476.089	106.522	87.164	58.627	49.977	111.944	20.528	38.428	16.919
49	822	56	0.004	178.786	502.732	111.821	94.321	62.821	38.453	87.514	15.139	34.424	13.969
50	823	12	0.001	173.167	521.000	115.417	113.667	64.417	57.667	114.850	14.805	43.877	14.551

TABLE M-1a.(continued)

51	824	18	0.001	173.333	500.111	113.222	89.889	62.722	48.264	94.791	14.771	32.919	15.608
52	828	144	0.010	167.576	486.479	108.840	95.257	58.035	45.624	97.137	17.063	35.880	14.495
53	831	12	0.001	165.083	480.833	107.167	83.917	57.167	46.485	99.614	17.325	39.114	17.621
54	832	49	0.003	161.163	461.979	105.041	85.245	55.531	44.394	93.304	17.422	33.777	12.102
55	833	76	0.005	151.737	449.276	103.237	83.263	53.053	43.028	101.036	19.912	36.704	13.125
56	834	52	0.004	159.365	463.192	103.904	89.096	55.096	47.425	110.464	20.456	32.766	14.557
57	835	62	0.004	162.339	471.758	105.500	91.274	55.435	48.296	101.901	18.266	34.064	15.139
58	836	40	0.003	158.150	467.600	105.125	84.200	52.900	36.886	86.101	14.720	35.033	10.961
59	837	50	0.004	159.300	461.600	104.380	87.920	54.780	53.102	103.323	19.376	33.674	15.111
60	838	13	0.001	152.154	444.692	103.231	78.077	51.769	48.609	84.052	17.417	23.254	10.694
61	841	15	0.001	195.800	540.200	116.133	119.467	72.467	43.939	133.480	24.201	51.737	13.569
62	853	79	0.006	150.608	445.797	103.646	79.190	52.797	51.039	112.070	20.679	32.381	14.205
63	861	93	0.007	175.376	499.505	112.419	94.978	55.978	42.921	89.941	15.179	32.846	12.700
64	863	18	0.001	169.611	521.667	114.500	117.056	59.000	51.827	100.585	14.476	44.559	11.797
65	864	83	0.006	179.157	509.289	111.361	107.193	59.277	37.861	92.376	17.427	35.801	12.735
66	865	20	0.001	164.850	474.400	106.550	89.450	56.550	54.924	114.603	21.150	35.081	13.740
67	881	21	0.001	139.714	433.476	100.048	84.238	48.048	59.828	119.639	20.875	38.295	16.515
68	885	19	0.001	138.737	412.263	95.842	72.158	47.842	54.272	137.108	27.729	35.205	14.155
69	891	10	0.001	172.900	474.200	104.400	95.200	48.300	54.680	124.425	26.395	35.087	18.415
70	892	34	0.002	145.882	441.794	102.441	78.647	48.147	46.471	91.222	15.372	32.452	11.431
71	893	13	0.001	140.385	426.846	101.154	74.385	41.385	59.560	119.300	19.565	36.066	13.950
72	899	247	0.017	155.542	463.380	105.502	86.105	51.486	44.619	90.881	16.476	29.951	14.304
Cases with some college													
74	001	370	0.026	213.803	612.654	128.327	150.059	65.678	39.753	97.713	15.861	46.995	14.901
75	101	38	0.003	220.605	627.684	129.053	157.079	67.895	35.927	93.487	14.858	49.202	14.586
76	102	11	0.001	206.909	602.364	127.818	137.909	70.364	21.801	71.547	10.333	42.359	10.491
77	111	33	0.002	215.515	615.818	129.909	147.576	64.485	38.696	88.443	10.687	46.478	13.407
78	112	152	0.011	203.191	578.131	122.908	132.678	65.678	41.369	101.193	17.000	45.626	15.390
79	120	96	0.007	208.302	590.635	125.177	138.771	63.396	35.364	89.893	15.014	46.742	13.887
80	121	18	0.001	200.167	570.944	123.667	124.444	60.667	36.173	89.387	13.521	48.555	15.115
81	122	13	0.001	185.538	542.231	116.846	121.769	59.231	55.246	127.606	18.730	49.427	13.941
82	123	14	0.001	204.643	573.214	124.857	125.143	58.929	56.273	114.672	16.824	48.438	16.382
83	124	27	0.002	208.667	593.222	124.296	144.074	62.519	28.021	71.300	15.905	31.103	13.048
84	125	62	0.004	213.081	592.548	122.210	140.258	71.823	38.064	107.784	18.618	44.836	13.842
85	211	46	0.003	240.848	706.522	141.609	203.804	78.217	24.572	54.974	9.607	30.246	10.694
86	212	14	0.001	233.857	708.214	143.786	214.786	73.214	52.701	63.989	10.829	25.067	10.319
87	221	40	0.003	228.125	674.425	137.325	189.500	72.700	49.309	104.326	14.974	43.827	13.569
88	222	85	0.006	223.847	647.541	133.000	169.635	71.388	37.509	87.384	12.775	46.092	14.448
89	229	16	0.001	233.125	664.188	134.125	174.063	73.938	33.112	54.244	7.117	32.663	13.274
90	230	17	0.001	238.765	687.529	137.471	196.294	82.706	22.228	72.323	13.440	33.333	11.357
91	231	80	0.006	239.563	684.387	137.500	190.475	77.813	25.604	80.745	13.652	42.097	12.710
92	232	64	0.005	239.078	689.219	136.906	197.484	82.781	27.131	68.657	13.112	32.256	8.849
93	234	17	0.001	231.765	654.882	131.882	175.235	76.824	28.088	79.735	13.341	39.616	8.309
94	235	10	0.001	249.800	701.700	141.100	193.800	76.100	18.224	40.067	8.425	29.203	12.819
95	240	167	0.012	238.054	680.090	134.473	190.401	77.449	30.111	77.585	14.346	37.107	12.026
96	241	105	0.007	227.619	657.657	132.076	180.076	72.095	32.070	77.859	13.458	35.951	12.498
97	242	242	0.017	237.426	680.921	134.859	192.223	80.479	31.086	76.741	13.691	35.956	10.798
98	243	143	0.010	231.909	672.783	133.986	189.287	78.741	31.172	71.548	12.539	33.851	11.109
99	244	37	0.003	233.027	671.622	134.486	183.568	77.784	29.248	81.521	14.858	37.504	12.307
100	245	58	0.004	247.931	712.914	142.103	202.276	79.690	19.079	48.353	10.128	22.577	7.966
101	250	58	0.004	226.845	651.638	133.414	173.466	74.448	35.329	83.930	13.569	38.651	10.873
102	299	45	0.003	214.867	618.644	125.978	161.444	71.444	35.310	87.144	15.207	46.081	13.377
103	310	32	0.002	236.563	667.188	136.563	170.344	76.438	28.465	78.195	14.090	44.695	12.428
104	313	35	0.002	205.400	582.229	123.600	132.943	65.629	34.503	81.613	14.439	40.960	12.030
105	314	49	0.003	213.265	608.245	128.939	144.020	69.184	38.286	88.948	13.884	42.740	11.317
106	316	15	0.001	216.600	638.533	132.733	170.333	76.667	35.850	62.126	8.093	29.281	12.431
107	322	14	0.001	243.429	700.214	142.357	195.071	74.429	20.410	58.126	9.010	29.366	12.377
108	329	229	0.016	244.114	706.834	143.096	198.734	75.795	25.576	60.468	10.751	30.166	11.468

TABLE M-1a. (continued)

#	Career-plan code Q-2-cp-A	N	p	Mean 1 C-001	Mean 2 C-002	Mean 3 C-003	Mean 4 C-004	Mean 5 C-005	σ 1 C-001	σ 2 C-002	σ 3 C-003	σ 4 C-004	σ 5 C-005
109	332	97	0.007	230.216	660.814	134.959	175.887	74.175	26.985	64.442	10.467	34.668	11.751
110	333	20	0.001	231.400	645.400	130.950	170.650	74.150	26.510	76.223	11.641	39.102	12.084
111	335	91	0.006	221.582	630.242	128.956	161.187	70.429	28.797	72.667	14.404	36.523	12.268
112	343	11	0.001	183.182	543.091	120.182	116.455	62.364	53.348	113.678	19.240	51.395	17.845
113	347	14	0.001	192.429	555.714	121.357	124.429	64.929	47.905	114.939	16.937	49.349	14.030
114	348	12	0.001	205.917	588.500	124.917	134.083	66.917	47.900	114.295	18.817	45.398	21.911
115	350	11	0.001	198.545	602.273	132.545	145.818	65.636	46.218	120.224	20.230	52.518	16.717
116	360	106	0.008	237.292	676.330	139.151	176.000	72.915	25.362	72.774	11.011	42.831	12.438
117	370	60	0.004	209.867	592.767	126.167	137.767	62.917	38.250	103.141	19.631	43.781	15.924
118	372	12	0.001	202.417	579.250	125.750	128.583	61.750	48.588	112.784	13.981	55.783	16.848
119	373	23	0.002	202.087	596.435	127.000	139.870	62.217	31.839	78.306	11.848	42.536	13.648
120	382	23	0.002	229.130	654.869	136.217	169.609	71.478	30.422	66.463	11.074	41.173	12.877
121	389	21	0.001	211.810	604.809	128.476	147.762	65.286	39.610	99.817	14.130	51.471	18.103
122	392	21	0.001	228.762	659.714	137.619	167.619	68.190	27.776	91.723	15.845	44.801	14.183
123	393	393	0.028	231.784	660.491	136.613	170.288	68.840	29.391	82.724	14.818	41.756	13.486
124	394	10	0.001	221.200	656.000	137.200	174.000	72.100	56.505	78.907	7.758	37.342	15.452
125	398	12	0.001	221.667	651.750	138.500	165.667	75.083	26.262	93.145	15.518	53.923	13.014
126	400	422	0.030	209.299	598.924	126.720	141.863	63.012	37.597	91.313	15.026	46.594	14.944
127	412	44	0.003	206.273	592.841	124.682	136.841	61.955	31.456	79.992	13.856	41.443	15.004
128	420	69	0.005	210.493	608.391	128.942	147.739	64.348	41.097	91.109	13.533	46.645	14.583
129	421	62	0.004	222.823	649.468	129.226	182.016	66.887	32.516	72.459	12.811	34.764	15.098
130	422	50	0.004	227.920	652.000	133.360	166.560	73.120	32.187	70.635	11.043	39.982	11.078
131	423	94	0.007	213.064	601.989	129.830	136.904	62.128	34.382	85.108	13.241	43.918	13.286
132	424	45	0.003	228.733	647.244	137.378	154.156	67.556	23.740	68.745	11.322	38.618	15.060
133	425	10	0.001	225.400	641.500	135.200	150.700	65.300	36.342	92.599	13.903	52.051	18.625
134	426	16	0.001	211.188	585.813	124.688	123.000	60.688	26.238	67.137	12.327	33.849	12.043
135	428	45	0.003	204.578	581.600	120.400	139.822	68.756	41.185	97.695	15.258	46.521	13.687
136	429	57	0.004	195.947	567.140	120.614	133.404	58.930	40.960	101.230	16.650	43.730	14.467
137	431	15	0.001	211.733	579.533	124.467	123.133	65.800	45.520	99.632	14.956	42.950	13.816
138	432	38	0.003	203.895	599.105	132.132	133.421	65.605	34.603	90.753	13.937	49.581	13.627
139	440	18	0.001	219.278	628.611	133.278	150.722	65.167	33.982	78.720	11.945	45.314	12.458
140	450	43	0.003	212.070	598.791	128.419	135.465	62.442	28.765	72.544	11.915	40.451	12.612
141	460	179	0.013	237.335	679.223	140.039	174.777	72.570	29.316	80.734	12.813	46.947	13.709
142	461	28	0.002	253.214	734.643	145.714	215.821	77.071	22.054	44.328	8.806	23.493	11.756
143	462	68	0.005	236.191	680.529	138.485	188.294	78.397	36.245	86.377	15.262	41.797	10.216
144	463	85	0.006	239.388	681.988	141.553	171.400	70.647	24.590	67.715	10.989	39.439	13.772
145	464	57	0.004	242.211	701.772	146.842	184.632	72.421	23.258	68.081	9.602	39.270	12.841
146	465	15	0.001	242.933	704.467	145.067	183.867	72.067	23.261	67.607	10.264	34.830	10.892
147	521	163	0.012	227.632	647.730	136.110	155.110	66.509	35.875	91.530	16.597	41.911	14.612
148	522	13	0.001	229.692	646.077	136.231	160.923	65.462	42.187	124.089	18.019	57.624	14.455
149	523	14	0.001	215.000	619.428	129.429	148.786	64.786	28.036	72.471	14.119	38.718	11.240
150	531	20	0.001	224.600	641.100	139.200	142.100	66.050	29.791	81.723	12.735	46.436	17.334
151	534	38	0.003	229.526	661.368	140.368	159.816	65.763	33.908	75.193	10.623	42.737	16.555
152	541	11	0.001	222.364	623.182	138.545	126.636	66.455	30.546	77.309	13.823	39.034	14.201
153	545	22	0.002	202.364	565.636	122.273	120.909	62.409	34.578	88.588	15.803	38.495	14.077
154	547	21	0.001	209.714	607.857	130.524	140.333	70.905	38.704	95.482	15.151	49.422	17.079
155	551	21	0.001	214.857	621.428	132.952	143.238	68.238	37.734	103.797	18.535	53.497	16.220
156	559	14	0.001	221.929	638.786	136.214	149.000	64.714	21.338	65.445	10.843	38.403	10.659
157	575	21	0.001	227.524	637.286	136.143	146.571	72.952	35.256	79.157	12.130	46.230	16.058
158	578	13	0.001	222.769	631.308	132.923	145.846	68.615	36.003	102.427	16.864	51.871	18.002
159	612	15	0.001	201.667	571.933	120.267	130.000	53.867	46.395	106.562	15.462	48.313	12.772
160	621	14	0.001	191.143	552.643	118.500	125.929	60.786	46.368	106.902	16.992	47.576	15.861
161	631	41	0.003	194.537	563.951	117.561	137.659	63.610	40.828	105.343	17.672	41.974	14.886
162	639	84	0.006	180.179	527.548	114.321	115.798	61.202	45.777	100.196	15.566	42.236	13.655
163	640	23	0.002	224.000	631.609	129.826	158.783	73.522	25.770	80.151	12.594	47.753	10.535
164	642	103	0.007	231.777	662.417	135.699	171.854	74.660	28.373	72.002	12.076	39.617	12.417
165	650	19	0.001	221.737	623.000	129.105	153.158	67.579	43.700	100.774	18.598	34.725	13.838
166	661	64	0.005	191.891	552.016	121.313	117.094	59.656	38.793	95.605	16.829	45.785	12.402
167	666	13	0.001	200.308	545.308	114.231	124.462	62.000	36.568	78.543	15.547	34.464	12.839

TABLE M-1a. (continued)

168	711	139	0.010	213.554	615.547	129.223	148.094	63.806	35.475	87.377	13.865	45.852	12.908
169	712	10	0.001	229.700	672.300	136.300	186.700	63.500	17.938	42.769	7.103	20.336	13.978
170	716	271	0.019	212.524	615.358	127.487	155.125	62.923	37.394	87.358	13.381	44.124	13.779
171	717	152	0.011	202.197	589.862	125.520	137.987	60.651	40.494	91.266	14.884	42.784	15.987
172	721	19	0.001	201.579	589.947	124.316	141.105	60.474	39.708	97.473	15.882	45.042	15.984
173	722	16	0.001	203.750	588.438	126.188	138.313	63.625	49.003	75.536	10.477	38.978	13.735
174	723	100	0.007	219.130	633.690	130.880	163.310	70.080	32.597	84.929	13.531	42.777	13.519
175	724	35	0.002	213.514	612.286	132.086	138.714	62.171	29.540	72.999	12.837	40.941	13.959
176	725	30	0.002	216.133	607.767	131.300	132.967	61.800	29.109	81.005	12.696	40.626	10.756
177	726	81	0.006	213.593	616.074	129.432	148.802	65.370	27.713	68.090	10.987	38.857	13.653
178	727	28	0.002	215.179	606.893	126.179	144.464	65.071	31.133	75.314	11.848	36.540	12.520
179	728	21	0.001	217.476	617.524	131.286	148.952	64.238	27.114	77.731	12.638	40.574	16.093
180	730	430	0.030	217.812	624.228	130.063	155.340	68.463	39.251	90.735	14.047	46.760	14.815
181	731	87	0.006	222.138	640.655	132.609	161.609	70.920	40.041	85.306	13.064	44.180	14.932
182	732	141	0.010	216.887	611.603	128.284	145.035	64.596	32.736	93.635	17.098	46.861	13.882
183	738	30	0.002	195.967	579.267	124.000	138.700	66.067	41.769	105.515	16.555	48.812	14.200
184	743	20	0.001	222.750	643.350	135.050	157.950	64.950	35.824	98.532	14.103	50.318	13.185
185	745	21	0.001	217.714	625.809	130.238	153.810	69.190	33.863	82.229	15.241	41.290	12.979
186	746	39	0.003	207.359	595.179	127.051	140.538	64.949	39.937	97.219	15.164	46.149	14.338
187	747	14	0.001	198.286	567.500	120.500	122.714	57.714	35.482	84.883	13.143	42.608	14.510
188	748	239	0.017	205.439	586.422	124.682	136.000	64.163	35.080	89.225	15.849	41.767	14.681
189	749	64	0.005	206.141	596.219	126.484	140.469	63.297	35.903	86.964	14.047	39.774	13.036
190	758	45	0.003	198.489	584.111	124.711	138.400	61.244	49.307	101.902	13.589	47.610	15.985
191	772	16	0.001	193.188	551.938	120.375	124.438	59.125	41.325	97.858	14.066	47.378	17.281
192	797	29	0.002	202.207	582.138	122.241	137.000	64.655	42.898	100.521	15.063	46.402	15.954
193	798	24	0.002	214.958	603.792	127.375	139.833	64.625	32.071	84.927	14.328	47.711	12.342
194	810	23	0.002	199.478	550.087	118.565	126.739	67.435	43.481	105.697	14.844	51.636	13.889
195	811	71	0.005	212.000	598.591	123.634	147.225	73.254	32.634	88.289	16.405	43.273	12.893
196	812	18	0.001	192.278	547.833	114.111	130.000	61.444	45.816	113.516	18.166	54.052	18.150
197	813	12	0.001	203.917	578.250	125.083	132.833	66.500	27.704	58.704	12.573	32.206	9.895
198	814	18	0.001	204.389	591.333	120.000	151.111	68.611	49.337	117.982	17.603	56.268	17.030
199	820	18	0.001	187.111	551.333	120.056	120.111	66.500	42.854	106.984	17.498	41.634	14.492
200	822	13	0.001	172.538	498.154	113.538	96.077	64.077	49.764	116.126	16.343	52.386	14.964
201	828	32	0.002	198.156	574.438	120.750	137.625	67.750	29.183	79.386	14.629	38.779	13.383
202	833	16	0.001	183.875	526.000	114.188	107.125	59.063	41.569	97.971	14.261	43.903	14.982
203	834	10	0.001	193.400	569.800	120.100	131.700	66.300	47.418	114.368	21.116	48.569	14.697
204	835	10	0.001	174.900	511.700	115.700	106.800	54.800	36.925	105.789	17.186	50.839	11.989
205	837	21	0.001	205.143	594.286	125.476	141.619	67.857	37.022	79.480	12.509	44.727	14.305
206	841	84	0.006	224.964	634.190	130.417	157.036	74.583	32.778	91.823	15.271	48.124	12.925
207	861	13	0.001	175.692	528.615	118.077	118.308	57.000	54.598	116.724	19.320	52.663	15.890
208	864	57	0.004	190.965	558.982	119.456	129.526	62.895	39.472	91.819	14.473	43.197	13.970
209	865	19	0.001	198.053	585.579	128.526	137.211	72.632	56.041	98.880	13.104	42.617	12.244
210	867	13	0.001	234.077	644.846	135.231	149.846	73.000	17.988	75.957	14.464	39.298	14.434
211	899	30	0.002	187.333	528.700	112.800	115.267	61.067	44.726	113.730	19.505	42.662	13.668
	TOTAL	14125	1.000	201.490	580.179	123.428	135.644	64.170	47.791	117.209	19.108	53.154	16.070

TABLE M-1a. (continued)

*	Career-plan code Q-2-cp-A	N	P	Mean 6 C-006	Mean 7 C-007	Mean 8 C-008	Mean 9 C-009	Mean 10 C-010	σ 6 C-006	σ 7 C-007	σ 8 C-008	σ 9 C-009	σ 10 C-010
	Cases with no college												
2	001	434	0.031	529.099	246.265	356.034	172.829	188.915	148.540	59.358	89.060	39.820	51.864
3	102	38	0.003	563.079	249.605	361.079	174.105	204.974	133.625	56.994	85.046	37.733	48.939
4	111	19	0.001	481.052	217.316	320.052	157.368	176.684	172.857	66.317	104.404	50.579	52.579
5	112	126	0.009	558.817	247.786	362.738	177.436	201.452	144.083	59.145	87.754	39.276	47.586
6	120	45	0.003	503.822	235.000	339.667	168.556	179.378	152.514	59.400	90.789	40.311	53.792
7	121	15	0.001	554.400	246.800	364.800	171.867	189.667	119.342	43.250	64.861	23.859	36.992
8	122	14	0.001	552.143	257.928	379.357	174.500	198.929	124.482	65.857	88.222	46.451	49.523
9	125	94	0.007	629.947	281.415	408.840	184.574	221.606	153.687	59.568	85.661	33.834	54.242
10	222	36	0.003	594.028	277.055	402.500	193.167	198.333	142.355	70.089	96.877	43.192	39.842
11	299	33	0.002	599.969	275.485	401.000	187.545	199.182	134.616	56.153	82.006	34.098	44.547
12	348	15	0.001	635.467	286.400	409.733	187.667	229.933	116.291	49.444	70.457	40.874	24.938
13	521	13	0.001	650.923	293.077	428.308	208.462	214.846	148.615	54.776	74.206	38.435	58.478
14	545	26	0.002	579.000	269.461	385.000	189.808	209.654	126.011	62.367	91.556	43.751	40.403
15	623	10	0.001	524.200	235.600	341.200	168.300	201.100	118.158	45.182	69.857	47.369	43.628
16	631	87	0.006	535.391	241.011	351.287	167.494	193.828	133.650	50.671	78.315	39.184	41.982
17	639	160	0.011	525.962	237.250	348.063	166.569	190.631	142.801	57.470	86.953	38.393	44.722
18	640	31	0.002	535.871	245.548	354.193	173.581	191.903	150.123	66.776	92.425	34.635	47.133
19	661	87	0.006	569.781	261.954	378.345	182.253	201.828	137.166	54.332	79.901	38.067	47.490
20	666	28	0.002	548.964	246.429	363.571	169.679	198.607	144.673	56.264	79.984	34.518	45.624
21	669	15	0.001	509.067	225.067	331.600	169.867	193.200	112.678	47.581	57.140	23.333	37.339
22	711	40	0.003	608.400	274.675	407.475	198.975	209.875	105.974	48.064	66.893	27.100	35.075
23	716	25	0.002	541.600	257.480	379.000	174.480	176.840	151.086	59.506	83.693	33.439	52.164
24	717	34	0.002	579.676	268.765	396.470	193.118	189.706	145.016	54.245	77.410	37.157	50.976
25	723	11	0.001	589.273	261.909	379.000	181.455	204.182	71.707	42.664	58.696	28.465	38.488
26	730	81	0.006	583.839	260.136	379.469	185.481	200.951	136.434	57.921	84.123	35.199	48.326
27	732	54	0.004	580.370	261.759	384.944	185.296	196.648	139.495	56.054	81.564	33.184	47.379
28	739	57	0.004	562.561	260.544	374.368	180.105	196.246	123.163	53.129	81.459	39.944	43.831
29	741	15	0.001	540.733	256.333	369.000	172.533	203.133	123.190	44.587	70.156	32.735	46.612
30	742	11	0.001	448.091	205.455	301.818	161.727	163.455	99.240	29.955	52.596	36.376	35.107
31	746	22	0.002	627.409	278.545	405.545	189.409	218.455	137.655	61.501	86.175	43.109	48.758
32	748	111	0.008	536.955	246.928	362.369	175.126	188.081	147.532	55.858	83.403	34.448	47.992
33	755	19	0.001	523.316	241.053	353.895	178.632	177.526	98.363	36.032	53.650	36.820	33.162
34	758	33	0.002	564.303	259.576	377.515	186.121	196.333	121.171	52.564	76.478	29.851	44.748
35	769	20	0.001	450.500	227.200	317.100	163.750	148.700	168.973	55.034	94.396	39.033	47.912
36	772	12	0.001	512.417	250.667	356.833	170.750	172.583	136.263	55.570	79.607	36.310	52.276
37	789	10	0.001	530.900	238.400	352.400	179.100	182.200	69.528	23.632	25.852	26.079	41.195
38	791	11	0.001	560.636	268.273	378.454	183.909	205.909	109.561	44.560	64.172	21.140	51.671
39	796	20	0.001	488.000	229.250	332.650	168.300	167.950	184.327	61.435	96.230	37.415	65.992
40	797	58	0.004	525.310	241.759	353.034	175.121	178.379	170.748	65.043	98.655	42.821	58.673
41	798	14	0.001	495.571	229.643	336.357	177.286	182.500	137.649	38.564	65.770	28.149	47.012
42	810	145	0.010	565.986	248.338	362.145	172.903	209.490	142.440	54.761	82.191	37.326	47.927
43	811	141	0.010	672.447	292.738	427.560	192.525	239.369	148.836	62.572	87.766	37.468	48.724
44	812	37	0.003	515.135	242.730	345.486	171.649	195.946	147.366	62.843	91.341	43.580	52.495
45	813	27	0.002	587.259	265.111	383.111	180.296	212.370	146.163	59.224	92.955	39.450	39.915
46	814	14	0.001	719.571	298.500	438.500	213.714	254.071	123.371	55.994	70.285	24.777	41.500
47	820	98	0.007	525.837	235.378	339.214	163.490	203.000	142.073	56.762	82.926	36.719	45.179
48	821	67	0.005	550.045	234.567	343.015	167.955	208.090	163.626	60.027	91.375	39.771	56.503
49	822	56	0.004	580.286	257.500	374.607	176.554	219.375	119.972	51.653	78.359	33.821	41.666
50	823	12	0.001	605.083	280.417	398.083	176.000	213.250	188.559	53.964	92.593	39.879	55.350

TABLE M-1a. (continued)

51	824	18	0.001	564.055	250.556	365.555	177.778	220.944	153.831	55.772	89.142	34.444	46.394
52	828	144	0.010	553.604	244.250	355.111	172.188	205.479	140.598	58.200	87.088	35.828	47.388
53	831	12	0.001	541.500	231.750	342.917	177.417	205.917	163.404	67.249	99.349	41.046	39.999
54	832	49	0.003	517.326	229.653	334.306	158.980	201.143	127.028	52.861	79.979	37.470	36.371
55	833	76	0.005	492.052	225.145	323.145	159.053	191.303	124.996	57.963	83.262	36.401	41.631
56	834	52	0.004	522.673	229.404	336.481	160.019	195.019	155.195	55.244	84.314	37.734	48.154
57	835	62	0.004	527.726	239.194	347.097	163.694	193.242	153.666	55.497	85.356	38.524	51.271
58	836	40	0.003	506.350	227.875	332.475	166.875	186.075	116.382	52.522	79.430	31.715	36.615
59	837	50	0.004	507.320	230.380	334.780	163.980	194.280	148.226	59.913	91.783	42.208	50.413
60	838	13	0.001	484.308	216.769	318.461	164.615	185.538	100.368	42.845	72.580	33.097	32.898
61	841	15	0.001	669.467	291.000	422.866	201.000	250.733	144.608	75.231	104.487	51.187	44.967
62	853	79	0.006	492.240	224.785	324.557	162.190	186.937	144.869	54.952	84.213	39.569	46.612
63	861	93	0.007	549.097	249.183	364.667	175.237	197.376	129.000	48.721	73.925	33.989	42.430
64	863	18	0.001	595.667	272.722	385.611	177.833	204.278	140.959	56.347	90.951	37.414	45.351
65	864	83	0.006	586.638	263.771	381.241	177.157	212.349	126.115	55.838	80.497	36.712	38.409
66	865	20	0.001	543.950	242.550	347.950	161.100	194.850	154.005	57.617	92.985	42.202	51.258
67	881	21	0.001	458.381	216.476	310.571	151.571	169.048	172.928	65.187	100.429	46.870	55.587
68	885	19	0.001	451.684	204.000	296.842	151.053	168.684	158.329	67.109	97.246	61.823	52.586
69	891	10	0.001	521.000	241.300	351.900	163.900	179.400	182.993	72.547	110.418	51.738	47.822
70	892	34	0.002	457.912	217.971	311.794	155.147	174.088	126.416	47.223	76.507	32.010	40.933
71	893	13	0.001	426.615	209.923	297.615	160.000	151.000	160.550	51.523	91.494	40.141	49.486
72	899	247	0.017	499.830	231.563	335.069	161.915	181.470	135.959	51.541	78.525	35.171	46.946
Cases with some college													
74	001	370	0.026	698.021	328.865	473.886	214.446	220.124	150.878	66.804	92.302	38.968	49.627
75	101	38	0.003	725.368	336.631	488.000	217.000	223.526	142.039	60.443	83.623	35.188	53.555
76	102	11	0.001	702.091	324.182	462.727	209.182	238.545	108.040	47.066	63.367	28.067	31.303
77	111	33	0.002	684.545	331.030	478.545	221.667	217.970	139.889	52.578	81.316	35.731	51.506
78	112	152	0.011	672.638	303.967	439.493	202.000	227.526	150.304	66.600	94.264	38.725	48.755
79	120	96	0.007	668.635	315.333	454.167	207.438	214.031	131.327	62.096	85.358	37.252	44.102
80	121	18	0.001	631.278	296.722	430.722	205.389	207.000	125.851	62.359	86.743	33.584	46.656
81	122	13	0.001	614.231	282.461	407.692	188.615	200.923	170.956	66.759	104.936	47.609	48.500
82	123	14	0.001	626.571	300.214	439.500	205.071	188.857	178.925	62.017	94.460	34.035	56.594
83	124	27	0.002	677.185	318.629	458.852	204.630	204.852	95.958	54.363	66.627	31.329	44.533
84	125	62	0.004	716.871	312.371	452.597	204.306	247.935	140.939	62.612	90.061	41.751	42.802
85	211	46	0.003	846.000	399.369	566.456	240.152	257.696	99.241	42.565	57.714	29.110	36.056
86	212	14	0.001	813.143	407.286	570.571	240.786	233.714	129.146	32.296	45.171	39.094	51.275
87	221	40	0.003	784.825	378.325	537.575	234.050	241.650	163.924	59.290	87.099	43.112	49.492
88	222	85	0.006	759.271	353.588	506.741	224.412	236.988	149.615	59.334	80.361	37.360	48.993
89	229	16	0.001	783.500	362.500	519.375	232.625	244.313	113.135	40.300	62.935	21.857	42.898
90	230	17	0.001	842.706	397.470	559.000	237.000	274.117	123.990	46.373	62.665	33.305	43.642
91	231	80	0.006	824.875	385.725	550.225	234.362	255.037	130.535	54.425	71.803	36.616	44.614
92	232	64	0.005	851.219	391.734	556.016	234.359	274.406	102.745	44.970	60.277	33.998	32.764
93	234	17	0.001	801.235	362.176	515.706	220.529	264.529	113.178	56.853	72.674	27.630	23.397
94	235	10	0.001	815.900	395.000	565.200	251.200	244.800	58.270	30.482	36.681	21.363	47.859
95	240	167	0.012	824.347	374.335	538.108	233.245	259.898	111.834	51.851	67.990	35.747	38.039
96	241	105	0.007	774.724	359.267	514.790	226.962	246.152	125.214	53.140	74.033	35.368	39.774
97	242	242	0.017	837.252	379.302	541.442	230.731	270.971	117.099	51.254	69.940	37.145	34.033
98	243	143	0.010	820.804	373.475	534.049	225.657	265.881	110.832	48.647	65.372	34.295	36.534
99	244	37	0.003	817.297	367.162	524.135	225.324	267.676	112.481	57.910	76.946	[illegible]	35.322
100	245	58	0.004	854.379	399.827	570.517	249.276	263.207	71.583	31.361	43.680	27.003	27.367
101	250	58	0.004	776.552	360.189	512.741	224.914	258.431	129.309	53.056	76.768	35.893	33.170
102	299	45	0.003	737.311	335.889	479.578	212.867	240.956	137.634	57.682	83.038	38.020	42.684
103	310	32	0.002	799.969	370.406	529.156	230.625	251.281	119.374	64.203	83.007	32.332	40.492
104	313	35	0.002	667.571	310.314	447.914	200.286	218.314	114.475	51.427	74.583	33.997	42.055
105	314	49	0.003	701.735	334.612	478.694	208.857	227.592	127.681	54.133	78.852	36.139	39.214
106	316	15	0.001	749.933	362.733	510.467	217.400	246.667	122.757	40.784	60.853	30.111	43.814
107	322	14	0.001	811.786	392.071	557.214	244.714	244.929	112.761	37.745	50.609	31.636	48.403
108	329	229	0.016	828.275	398.886	567.873	250.974	246.598	102.107	40.193	53.467	29.028	42.022

TABLE M-1a. (continued)

#	Career-plan code Q-2-cp-A	N	p	Mean					σ				
				6 C-006	7 C-007	8 C-008	9 C-009	10 C-010	6 C-006	7 C-007	8 C-008	9 C-009	10 C-010
109	332	97	0.007	786.855	368.052	523.557	231.454	247.278	101.235	44.575	61.441	28.860	39.433
110	333	20	0.001	771.500	357.650	515.750	217.250	241.550	111.609	51.346	64.926	38.305	39.405
111	335	91	0.006	739.242	342.725	494.549	217.989	232.791	119.338	45.899	62.556	32.331	42.743
112	343	11	0.001	607.818	300.182	418.364	196.000	204.000	188.940	75.406	110.160	44.075	49.236
113	347	14	0.001	639.357	311.286	438.857	196.857	205.643	172.163	59.567	96.974	44.690	54.670
114	348	12	0.001	692.750	312.917	447.417	204.500	222.583	175.217	75.735	110.175	35.411	67.694
115	350	11	0.001	665.636	330.000	471.454	214.818	212.091	172.239	79.747	112.249	44.888	56.725
116	360	106	0.008	792.340	370.679	531.170	236.840	241.009	121.660	54.561	72.809	30.968	41.759
117	370	60	0.004	674.183	319.017	457.983	216.600	208.800	150.033	62.094	88.343	37.641	55.125
118	372	12	0.001	642.250	303.917	435.250	212.583	211.833	178.405	70.332	103.983	32.245	60.908
119	373	23	0.002	667.391	320.304	454.739	211.261	210.043	132.933	62.161	81.889	29.584	45.440
120	382	23	0.002	743.609	359.391	518.522	228.043	234.565	116.292	51.278	66.060	26.503	45.759
121	389	21	0.001	684.571	333.095	475.571	215.762	210.286	182.836	64.464	91.894	40.084	67.847
122	392	21	0.001	750.667	363.762	520.714	247.667	226.143	150.435	69.437	86.092	34.929	43.091
123	393	393	0.028	758.056	362.603	521.163	234.387	226.560	123.165	55.682	74.809	35.955	46.953
124	394	10	0.001	757.900	367.400	518.200	228.900	234.600	153.975	43.615	76.707	45.423	67.104
125	398	12	0.001	771.583	370.167	523.500	232.083	250.500	124.491	65.214	83.007	44.711	43.704
126	400	422	0.030	673.135	321.367	463.206	211.600	208.630	144.913	60.602	84.959	36.173	50.330
127	412	44	0.003	661.523	310.364	449.091	211.500	205.068	132.258	57.681	75.149	36.754	51.094
128	420	69	0.005	682.927	329.058	472.478	215.174	213.420	149.974	54.723	79.568	39.417	53.158
129	421	62	0.004	747.177	354.403	506.016	218.597	227.129	134.396	56.695	76.799	34.985	51.071
130	422	50	0.004	763.600	351.760	506.440	221.340	244.600	116.880	48.917	70.732	28.838	37.158
131	423	94	0.007	667.713	326.489	468.851	216.234	201.372	126.065	54.745	77.028	36.332	49.021
132	424	45	0.003	728.222	349.489	503.533	240.356	222.933	123.950	50.102	64.567	27.490	55.705
133	425	10	0.001	706.400	336.700	489.300	232.900	225.600	191.768	73.753	103.177	32.895	55.698
134	426	16	0.001	647.500	293.625	439.000	206.500	201.375	77.448	44.980	62.707	29.539	39.478
135	428	45	0.003	682.933	308.733	445.933	196.578	235.489	153.325	58.840	85.606	37.943	47.252
136	429	57	0.004	631.403	301.316	432.649	199.211	198.456	146.617	63.205	88.614	37.725	50.988
137	431	15	0.001	673.067	307.733	447.333	208.133	225.800	160.674	58.585	86.691	35.138	49.013
138	432	38	0.003	659.816	321.921	459.079	223.368	217.763	135.327	63.611	86.020	32.710	42.383
139	440	18	0.001	702.167	344.278	491.389	225.889	214.222	123.771	54.133	80.227	34.653	42.248
140	450	43	0.003	661.279	319.349	462.046	214.047	203.953	115.404	50.834	67.102	32.267	43.859
141	460	179	0.013	792.123	372.173	533.804	245.374	240.274	126.335	58.424	77.501	32.760	48.516
142	461	28	0.002	866.964	417.678	593.036	259.678	254.500	100.583	27.835	37.594	26.473	44.478
143	462	68	0.005	817.265	392.588	553.823	237.279	253.265	115.250	48.542	66.049	31.314	42.097
144	463	85	0.006	786.635	372.235	536.965	242.953	233.718	117.072	47.952	63.581	32.562	46.765
145	464	57	0.004	812.105	392.737	557.719	257.088	236.211	115.874	46.726	63.195	27.175	42.702
146	465	15	0.001	810.200	389.400	554.467	265.667	231.800	99.480	47.223	59.825	22.453	38.844
147	521	163	0.012	727.374	345.699	501.196	234.141	220.865	141.110	57.491	79.775	37.936	50.911
148	522	13	0.001	718.077	353.000	506.385	225.846	215.769	183.289	72.732	101.555	47.622	56.523
149	523	14	0.001	700.428	327.428	471.000	211.929	218.786	101.050	51.265	70.835	36.938	36.090
150	531	20	0.001	714.250	344.650	496.550	237.000	214.600	154.459	61.279	80.128	38.823	62.187
151	534	38	0.003	741.684	356.868	515.500	243.658	218.158	148.655	58.518	80.621	29.891	53.594
152	541	11	0.001	701.091	334.454	476.636	233.182	232.545	132.760	50.585	72.820	45.356	45.520
153	545	22	0.002	650.682	296.818	429.454	202.773	214.318	146.707	55.439	75.492	41.770	46.359
154	547	21	0.001	726.190	325.286	465.095	218.190	250.429	154.396	68.003	91.930	38.126	50.509
155	551	21	0.001	707.952	325.190	470.809	226.429	225.762	167.802	78.289	104.998	43.828	55.349
156	559	14	0.001	708.214	340.643	489.071	238.214	219.500	86.195	47.763	61.743	31.827	36.631
157	575	21	0.001	755.809	339.524	493.905	230.429	251.048	141.654	58.043	79.039	27.573	55.766
158	578	13	0.001	733.231	334.923	486.769	226.000	222.231	163.960	66.749	93.461	37.213	59.851
159	612	15	0.001	618.866	292.533	432.533	195.467	184.333	151.625	63.742	96.870	42.345	39.887
160	621	14	0.001	612.571	294.714	419.286	193.143	206.000	147.062	73.403	104.654	41.357	56.930
161	631	41	0.003	654.146	297.439	431.439	187.268	220.219	150.919	63.658	89.864	38.173	45.534
162	639	84	0.006	601.155	277.202	396.726	182.881	206.857	145.869	60.665	89.236	36.839	43.912
163	640	23	0.002	766.130	348.956	500.174	218.348	248.304	103.931	50.277	67.307	30.367	39.648
164	642	103	0.007	790.136	364.417	522.398	230.282	251.175	118.119	52.638	71.351	35.181	42.759
165	650	19	0.001	718.474	335.947	487.631	214.000	225.684	151.955	61.126	87.419	47.133	42.738
166	661	64	0.005	607.391	291.172	420.141	199.203	201.250	123.531	59.624	84.944	36.880	41.277
167	666	13	0.001	641.846	279.692	414.769	184.846	211.154	123.961	49.559	72.191	32.738	39.068

TABLE M-1a. (continued)

168	711	139	0.010	693.784	326.554	471.705	214.144	213.410	133.836	58.816	81.887	36.123	44.263
169	712	10	0.001	734.100	356.400	513.200	237.000	215.800	124.494	41.196	52.517	22.944	50.122
170	716	271	0.019	690.308	326.919	471.295	213.384	213.251	135.882	57.636	80.133	33.659	48.478
171	717	152	0.011	643.454	308.987	446.592	208.664	206.099	149.640	60.830	85.489	38.346	52.979
172	721	19	0.001	651.684	310.052	449.000	212.211	204.105	147.233	63.779	89.481	33.885	47.213
173	722	16	0.001	671.688	322.438	459.938	203.000	202.125	132.841	53.141	71.324	30.241	45.321
174	723	100	0.007	734.640	344.490	494.310	218.200	233.190	129.330	56.975	77.508	36.992	48.006
175	724	35	0.002	673.628	327.086	470.571	222.286	204.400	116.686	57.155	73.911	30.849	49.221
176	725	30	0.002	680.100	317.400	461.600	226.300	206.067	117.131	46.696	68.932	31.873	41.689
177	726	81	0.006	693.617	332.321	476.938	215.889	216.864	121.737	47.996	67.237	28.925	50.245
178	727	28	0.002	690.28	320.178	464.821	214.536	221.250	117.654	47.216	69.464	31.243	44.013
179	728	21	0.001	704.857	347.286	484.333	220.286	212.190	126.272	59.545	76.805	36.478	49.225
180	730	430	0.030	724.27	335.856	483.900	216.000	231.016	146.452	63.234	86.930	36.598	48.277
181	731	87	0.006	746.092	345.471	498.276	222.138	239.586	145.321	59.363	82.606	34.482	47.314
182	732	141	0.010	698.858	323.255	469.667	215.823	218.369	133.600	62.882	84.581	37.199	44.988
183	738	30	0.002	665.267	309.667	440.533	194.467	226.600	156.502	68.262	93.359	38.552	50.260
184	743	20	0.001	718.950	342.700	497.200	224.450	218.200	146.819	58.548	86.429	35.201	47.844
185	745	21	0.001	732.239	333.428	480.476	218.333	233.286	129.587	59.466	78.887	41.618	41.674
186	746	39	0.003	676.897	319.385	462.154	208.846	216.359	141.150	62.380	89.682	39.808	48.621
187	747	14	0.001	630.428	287.500	415.643	197.714	198.143	138.850	53.762	73.781	31.849	43.382
188	748	239	0.017	667.686	309.272	448.017	206.209	217.644	133.928	57.411	80.441	35.010	47.298
189	749	64	0.005	673.188	313.641	453.047	208.641	214.031	120.429	53.244	77.005	37.055	43.138
190	758	45	0.003	657.689	306.578	438.755	200.756	208.467	164.125	62.026	92.062	40.995	56.049
191	772	16	0.001	614.250	295.438	421.938	194.438	199.313	158.934	68.559	99.258	38.718	59.080
192	797	29	0.002	661.034	304.379	440.448	205.138	211.690	163.327	61.670	88.537	45.847	51.637
193	798	24	0.002	690.667	315.167	461.250	212.250	219.417	123.169	63.031	84.526	37.639	44.499
194	810	23	0.002	645.913	293.956	431.652	187.565	227.696	139.097	71.618	102.043	41.030	48.673
195	811	71	0.005	725.690	325.352	467.577	203.521	245.901	123.797	56.459	78.802	34.427	42.019
196	812	18	0.001	623.278	286.611	416.833	184.389	203.222	193.267	80.734	111.723	41.164	58.344
197	813	12	0.001	675.250	308.417	444.083	193.917	228.167	89.469	36.330	51.952	36.798	35.211
198	814	18	0.001	714.000	311.833	449.389	195.778	243.111	189.960	77.339	111.873	40.933	50.369
199	820	18	0.001	639.389	290.167	411.389	194.556	230.722	163.495	64.797	98.699	37.561	44.342
200	822	13	0.001	586.385	267.077	378.000	178.769	224.154	162.153	67.961	102.523	44.300	53.424
201	829	32	0.002	672.156	309.594	442.219	193.625	233.156	124.297	60.401	78.456	35.441	35.793
202	833	16	0.001	595.688	265.313	380.188	186.875	207.625	157.537	57.374	86.884	29.269	49.045
203	834	10	0.001	666.800	301.100	437.700	198.100	230.400	169.868	69.227	103.924	43.070	58.115
204	835	10	0.001	555.300	269.900	383.500	189.900	187.100	155.904	58.510	85.879	42.191	44.173
205	837	21	0.001	678.905	316.428	456.048	210.952	228.810	132.028	56.360	82.477	31.753	43.840
206	841	84	0.006	759.607	341.750	492.917	222.381	255.107	135.586	60.348	85.869	38.659	42.969
207	861	13	0.001	580.385	282.000	403.231	187.538	178.692	168.807	77.104	105.764	53.516	53.492
208	864	57	0.004	635.702	292.965	413.052	192.509	220.140	132.688	59.774	82.397	35.824	42.860
209	865	19	0.001	683.895	321.579	458.526	208.526	237.842	156.403	55.511	83.295	41.901	50.065
210	867	13	0.001	759.846	344.077	498.846	222.923	238.615	117.075	58.011	70.215	32.923	48.186
211	899	30	0.002	614.200	270.600	394.600	180.700	210.733	135.104	58.740	88.131	42.833	41.463
	TOTAL	14125	1.000	663.157	308.049	443.821	203.603	217.792	171.092	76.079	107.459	44.524	52.325

TABLE M-1a. (continued)

#	Career-plan code Q-2-cp-A	N	P	Mean 11 C-011	Mean 12 C-012	σ 11 C-011	σ 12 C-012
	Cases with no college						
2	001	434	0.031	39.182	254.880	11.068	73.623
3	102	39	0.003	42.895	269.631	10.237	71.521
4	111	19	0.001	37.842	231.263	11.320	71.719
5	112	126	0.009	41.563	266.611	10.691	73.638
6	120	45	0.003	37.222	240.867	11.644	73.747
7	121	15	0.001	39.467	260.600	8.026	59.208
8	122	14	0.001	41.429	274.500	11.106	72.818
9	125	94	0.007	46.585	310.500	11.740	80.628
10	222	36	0.003	40.444	284.333	8.537	77.069
11	299	33	0.002	41.364	290.394	9.565	78.520
12	348	15	0.001	48.600	316.467	6.300	54.127
13	521	13	0.001	45.615	311.231	13.854	87.700
14	545	26	0.002	42.038	273.000	7.856	60.512
15	623	10	0.001	42.300	257.900	9.719	48.315
16	631	87	0.006	39.851	260.310	8.539	60.961
17	639	160	0.011	39.725	258.300	9.538	67.235
18	640	31	0.002	38.548	249.742	10.500	77.043
19	661	87	0.006	42.414	272.322	10.299	65.498
20	666	28	0.002	40.679	261.107	10.502	74.275
21	669	15	0.001	39.667	233.600	9.803	50.319
22	711	40	0.003	42.700	284.075	7.920	60.935
23	716	25	0.002	37.080	263.240	10.460	82.005
24	717	34	0.002	38.353	274.765	10.818	79.211
25	723	11	0.001	44.000	284.454	10.334	43.948
26	730	81	0.006	41.901	275.025	10.316	70.538
27	732	54	0.004	40.259	272.296	10.556	72.853
28	738	57	0.004	41.000	271.386	9.761	63.626
29	741	15	0.001	42.733	277.866	9.043	57.992
30	742	11	0.001	35.545	212.364	6.578	40.198
31	746	22	0.002	44.636	298.636	10.522	71.653
32	748	111	0.008	39.577	258.657	10.180	71.589
33	755	19	0.001	36.684	236.789	6.447	34.068
34	758	33	0.002	40.727	272.273	10.010	63.596
35	769	20	0.001	30.400	209.550	10.590	77.353
36	772	12	0.001	36.333	242.333	11.444	65.708
37	789	10	0.001	37.300	246.800	9.650	38.450
38	791	11	0.001	42.636	277.909	10.092	60.339
39	796	20	0.001	35.200	232.050	14.577	97.527
40	797	58	0.004	36.897	247.500	11.895	84.237
41	798	14	0.001	36.286	222.357	9.949	58.665
42	810	145	0.010	43.869	276.621	10.405	71.331
43	811	141	0.010	50.312	336.071	11.200	80.675
44	812	37	0.003	40.027	258.405	11.969	76.776
45	813	27	0.002	43.889	283.037	10.732	74.637
46	814	14	0.001	53.429	345.500	9.541	68.291
47	820	98	0.007	42.990	259.949	9.884	67.121
48	821	67	0.005	43.851	263.045	12.476	81.129
49	822	56	0.004	45.786	282.786	9.965	64.241
50	823	12	0.001	45.833	306.917	10.223	83.582

TABLE M-1a. (continued)

51	824	18	0.001	45.167	278.055	10.993	66.554
52	828	144	0.010	42.840	269.361	9.725	73.065
53	831	12	0.001	42.417	255.417	10.466	79.546
54	832	49	0.003	40.898	251.837	8.292	58.965
55	833	76	0.005	39.421	242.421	9.277	68.526
56	834	52	0.004	40.846	254.385	10.459	66.765
57	835	62	0.004	40.129	257.581	11.246	70.394
58	836	40	0.003	38.800	242.900	7.562	56.445
59	837	50	0.004	40.500	252.260	10.479	70.201
60	838	13	0.001	33.769	233.385	7.639	35.638
61	841	15	0.001	52.600	336.866	9.410	83.226
62	853	79	0.006	38.975	237.582	10.268	67.905
63	861	93	0.007	41.075	262.914	8.926	60.415
64	863	18	0.001	42.389	294.055	8.507	72.419
65	864	83	0.006	43.036	285.024	9.120	63.552
66	865	20	0.001	40.900	259.100	10.799	67.216
67	881	21	0.001	35.810	228.381	12.061	78.833
68	885	19	0.001	35.579	215.684	10.736	68.645
69	891	10	0.001	34.800	240.100	11.924	81.854
70	892	34	0.002	35.059	223.088	8.662	59.343
71	893	13	0.001	30.385	198.538	10.469	68.107
72	899	247	0.017	37.522	240.563	10.118	65.014
	Cases with some college						
74	001	370	0.026	45.727	347.094	10.614	83.175
75	101	38	0.003	47.395	360.763	11.100	81.850
76	102	11	0.001	49.273	349.000	7.850	67.446
77	111	33	0.002	44.848	341.030	10.035	76.576
78	112	152	0.011	46.947	329.710	10.718	81.513
79	120	96	0.007	44.052	328.958	9.946	76.528
80	121	18	0.001	43.056	306.444	11.021	83.499
81	122	13	0.001	41.846	299.461	9.045	87.946
82	123	14	0.001	40.857	301.928	12.913	86.920
83	124	27	0.002	43.667	331.629	9.232	59.438
84	125	62	0.004	51.274	355.726	9.850	78.434
85	211	46	0.003	53.696	438.456	8.156	54.396
86	212	14	0.001	49.286	434.428	9.194	46.180
87	221	40	0.003	49.950	407.600	9.972	77.494
88	222	85	0.006	49.776	383.800	10.527	81.742
89	229	16	0.001	50.938	395.875	9.808	61.311
90	230	17	0.001	56.706	444.412	9.707	59.400
91	231	80	0.006	53.487	423.912	9.578	72.044
92	232	64	0.005	57.500	445.828	6.873	48.790
93	234	17	0.001	54.000	405.706	5.074	56.144
94	235	10	0.001	51.900	422.100	11.080	50.246
95	240	167	0.012	54.174	422.748	8.797	61.188
96	241	105	0.007	50.248	396.362	9.050	64.468
97	242	242	0.017	56.690	433.661	7.588	61.285
98	243	143	0.010	55.175	425.510	8.295	58.240
99	244	37	0.003	54.703	416.919	8.296	62.970
100	245	58	0.004	54.586	441.345	6.344	35.635
101	250	58	0.004	52.448	396.810	7.746	65.315
102	299	45	0.003	50.711	375.778	9.553	76.863
103	310	32	0.002	52.344	399.656	8.198	72.023
104	313	35	0.002	45.600	329.828	9.040	62.476
105	314	49	0.003	47.122	351.571	8.210	67.759
106	316	15	0.001	52.667	400.333	9.178	58.166
107	322	14	0.001	50.714	418.357	9.972	60.376
108	329	229	0.016	51.345	426.118	9.292	53.849

TABLE M-1a. (continued)

#	Career-plan code Q-2-cp-A	N	p	Mean		σ	
				11 C-011	12 C-012	11 C-011	12 C-012
109	332	97	0.007	50.804	398.412	9.111	61.499
110	333	20	0.001	50.800	393.100	8.212	65.858
111	335	91	0.006	48.604	372.472	9.296	62.148
112	343	11	0.001	42.727	303.545	12.224	97.268
113	347	14	0.001	43.786	319.214	11.019	88.759
114	348	12	0.001	46.417	334.833	16.323	100.676
115	350	11	0.001	45.364	342.727	12.612	94.989
116	360	106	0.008	50.208	394.745	9.479	72.450
117	370	60	0.004	43.233	326.517	11.794	82.806
118	372	12	0.001	43.583	313.833	11.704	101.119
119	373	23	0.002	43.174	326.522	9.661	78.054
120	382	23	0.002	49.435	384.043	9.871	70.408
121	389	21	0.001	44.905	343.619	13.649	100.152
122	392	21	0.001	46.667	372.190	9.876	83.401
123	393	393	0.028	47.013	376.806	10.098	71.658
124	394	10	0.001	50.500	390.300	12.268	67.052
125	398	12	0.001	51.750	390.917	10.092	82.307
126	400	422	0.030	43.206	330.898	10.944	81.812
127	412	44	0.003	42.795	322.704	10.909	77.289
128	420	69	0.005	44.348	340.782	11.092	80.598
129	421	62	0.004	46.177	382.677	11.085	71.993
130	422	50	0.004	50.820	385.920	7.485	63.658
131	423	94	0.007	42.213	323.287	10.093	71.177
132	424	45	0.003	46.267	356.822	11.925	72.272
133	425	10	0.001	46.400	346.600	12.738	106.141
134	426	16	0.001	42.500	305.063	8.794	53.652
135	428	45	0.003	48.711	346.089	10.177	78.004
136	429	57	0.004	40.930	310.193	10.180	79.165
137	431	15	0.001	45.533	320.533	10.643	79.330
138	432	38	0.003	45.342	330.237	9.330	76.855
139	440	18	0.001	44.056	346.222	8.795	73.852
140	450	43	0.003	42.535	322.791	9.422	69.081
141	460	179	0.013	49.642	392.486	10.331	78.710
142	461	28	0.002	51.893	447.036	9.893	45.604
143	462	68	0.005	53.103	423.485	8.293	61.958
144	463	85	0.006	48.224	383.341	10.745	70.291
145	464	57	0.004	49.088	401.895	9.927	67.545
146	465	15	0.001	48.667	400.067	8.845	50.812
147	521	163	0.012	45.583	354.638	10.813	75.047
148	522	13	0.001	44.077	357.308	11.665	87.022
149	523	14	0.001	44.786	343.143	7.340	65.237
150	531	20	0.001	44.800	340.250	13.117	87.941
151	534	38	0.003	44.947	357.105	11.789	84.488
152	541	11	0.001	45.636	326.000	11.307	67.538
153	545	22	0.002	43.773	308.136	10.433	72.931
154	547	21	0.001	51.048	353.048	11.918	92.989
155	551	21	0.001	49.048	347.952	11.249	97.622
156	559	14	0.001	44.643	343.143	8.092	62.338
157	575	21	0.001	52.143	365.428	11.590	88.444
158	578	13	0.001	47.538	351.692	13.252	94.340
159	612	15	0.001	37.067	291.600	8.531	80.952
160	621	14	0.001	42.429	308.286	11.640	87.032
161	631	41	0.003	45.512	328.488	10.359	77.410
162	639	84	0.006	43.405	299.405	9.437	74.616
163	640	23	0.002	51.087	379.348	7.740	69.849
164	642	103	0.007	52.010	395.835	8.986	68.746
165	650	19	0.001	46.737	355.895	9.740	68.041
166	661	64	0.005	41.969	296.063	8.223	71.590
167	666	13	0.001	45.154	310.461	9.406	68.922

TABLE M-1a. (continued)

168	711	139	0.010	44.338	339.511	9.322	74.504
169	712	10	0.001	43.700	377.200	9.707	60.281
170	714	271	0.019	43.923	343.893	10.310	73.459
171	717	152	0.011	42.430	319.941	11.424	81.702
172	721	19	0.001	42.947	322.526	10.834	87.432
173	722	16	0.001	43.000	329.188	9.866	72.266
174	723	100	0.007	49.040	373.550	10.173	72.307
175	724	35	0.002	42.486	325.229	10.526	74.088
176	725	30	0.002	43.000	318.366	8.828	60.822
177	726	81	0.006	44.889	344.914	10.279	71.684
178	727	28	0.002	45.393	339.678	9.543	63.153
179	729	21	0.001	43.905	341.667	11.331	80.773
180	730	430	0.030	43.030	360.729	10.540	83.359
181	731	87	0.006	49.839	374.368	10.308	80.089
182	732	141	0.010	45.241	338.823	9.907	80.189
183	738	30	0.002	47.300	336.900	9.969	82.301
184	742	20	0.001	45.200	352.800	10.222	77.729
185	745	21	0.001	48.476	361.381	9.368	71.275
186	746	39	0.003	45.513	335.385	10.154	78.704
187	747	14	0.001	41.429	295.857	10.044	75.982
188	748	239	0.017	45.598	328.490	10.517	74.535
189	749	64	0.005	44.813	330.359	9.591	68.151
190	758	45	0.003	43.067	322.133	11.848	85.020
191	772	16	0.001	41.500	301.813	12.733	91.742
192	797	29	0.002	45.759	330.965	11.338	84.735
193	798	24	0.002	45.333	333.708	8.879	72.570
194	810	23	0.002	48.000	329.043	9.872	85.131
195	811	71	0.005	51.761	366.986	9.451	70.181
196	812	18	0.001	43.278	314.333	13.168	103.178
197	813	12	0.001	43.083	332.333	7.914	47.372
198	814	18	0.001	49.500	356.944	11.739	98.641
199	820	18	0.001	47.944	319.611	10.696	80.398
200	822	13	0.001	47.308	288.308	10.995	90.479
201	828	32	0.002	47.563	340.875	8.973	67.282
202	833	16	0.001	42.125	284.313	10.525	79.667
203	834	10	0.001	47.200	330.600	11.213	86.816
204	835	10	0.001	38.000	271.200	8.692	73.914
205	837	21	0.001	47.905	345.190	9.772	74.706
206	841	84	0.006	53.012	380.786	9.234	77.184
207	861	13	0.001	40.000	289.308	11.015	87.048
208	864	57	0.004	45.053	318.210	9.740	73.547
209	865	19	0.001	51.421	355.105	9.834	72.798
210	867	13	0.001	50.231	368.846	10.281	77.485
211	899	30	0.002	43.767	298.467	9.050	68.510
	TOTAL	14125	1.000	45.243	328.154	11.278	92.646

TABLE M-1b. **Means and standard deviations on 12 a priori composites (C-001 through C-012) for purified career plan groups containing at least 10 cases**

Grade 12 females with 5-year follow-up data

#	Career-plan code Q-2-cp-A	N	P	Mean 1 C-001	Mean 2 C-002	Mean 3 C-003	Mean 4 C-004	Mean 5 C-005	σ 1 C-001	σ 2 C-002	σ 3 C-003	σ 4 C-004	σ 5 C-005
	Cases with no college												
2	001	127	0.009	162.772	486.291	114.575	78.717	34.449	53.474	108.320	20.817	33.808	11.892
3	010	3484	0.237	178.945	520.726	120.351	85.798	36.896	42.592	87.865	15.851	32.366	10.853
4	020	10	0.001	136.500	458.900	112.600	76.500	37.500	50.729	91.510	16.091	26.391	13.468
5	111	18	0.001	151.111	469.333	113.167	68.889	33.556	58.069	118.551	23.147	29.748	11.986
6	120	24	0.002	150.042	468.750	110.333	79.792	33.708	62.190	127.719	23.006	33.995	13.023
7	141	12	0.001	149.583	436.833	106.250	57.667	32.250	40.489	86.581	21.350	16.637	10.437
8	337	367	0.025	214.074	614.365	134.316	128.482	48.104	28.264	68.004	12.009	35.733	10.668
9	347	23	0.002	202.783	581.087	127.870	114.130	48.652	37.252	83.977	13.424	38.635	13.313
10	348	82	0.006	180.963	525.902	119.976	93.268	39.476	43.262	86.146	15.373	31.581	11.482
11	523	17	0.001	190.059	537.529	121.882	93.824	39.412	42.025	140.645	30.424	43.553	10.846
12	545	15	0.001	184.333	517.467	120.667	86.800	38.667	36.525	75.394	13.668	32.510	10.874
13	711	23	0.002	190.217	537.348	119.000	97.826	39.696	49.012	124.587	23.714	45.386	14.018
14	717	24	0.002	194.750	538.500	122.667	89.417	40.875	41.573	82.738	12.954	31.080	10.924
15	741	31	0.002	140.677	440.806	107.710	63.097	29.581	42.162	68.611	11.685	20.494	7.527
16	751	99	0.007	178.283	518.545	119.485	85.798	36.929	41.568	78.408	13.197	29.948	10.866
17	752	31	0.002	174.032	520.258	120.581	88.806	34.290	39.051	79.297	11.375	32.723	10.712
18	753	13	0.001	157.846	489.923	117.077	70.077	31.154	36.104	71.393	15.708	26.215	7.841
19	755	51	0.003	184.412	533.843	121.627	97.255	39.667	48.676	109.756	17.120	42.672	11.419
20	756	79	0.005	167.418	495.329	117.203	75.684	33.810	45.181	86.091	15.492	26.150	9.751
21	758	54	0.004	155.093	476.815	113.630	79.611	35.056	51.689	95.514	17.214	27.152	11.680
22	761	675	0.046	186.560	539.698	125.298	86.428	37.564	42.788	83.237	14.691	30.693	10.775
23	762	20	0.001	193.200	537.250	117.950	94.850	39.400	36.647	85.283	22.740	32.808	14.181
24	763	28	0.002	187.250	531.536	122.179	88.679	34.893	38.938	108.745	23.533	31.489	9.251
25	764	39	0.003	193.462	553.256	125.923	93.103	37.026	37.821	74.431	12.184	32.481	8.374
26	765	58	0.004	177.103	515.500	119.431	83.483	35.810	45.489	120.426	23.141	33.236	10.689
27	766	88	0.006	163.068	498.932	118.125	80.557	34.648	45.364	80.750	14.146	27.772	9.911
28	769	120	0.008	163.967	493.100	115.592	79.992	34.450	43.448	91.078	16.828	29.160	10.755
29	771	10	0.001	176.100	499.200	117.500	73.600	39.000	38.809	63.305	13.640	16.133	9.463
30	781	42	0.003	160.214	487.786	115.524	78.429	34.238	42.840	90.266	15.475	34.126	10.822
31	789	40	0.003	170.350	499.650	118.125	78.100	37.075	50.928	113.550	22.067	32.137	13.896
32	797	10	0.001	140.100	430.800	106.900	60.600	34.100	45.445	86.823	15.772	22.564	7.233
33	868	34	0.002	148.676	464.853	109.500	74.294	34.324	46.734	94.378	18.668	24.609	9.966
34	891	26	0.002	164.308	488.000	116.000	76.500	34.154	49.772	105.819	17.362	37.998	11.685
35	893	190	0.013	162.763	481.363	112.821	75.779	35.358	44.214	86.399	15.463	27.252	9.718
36	894	97	0.007	165.588	491.618	114.670	82.474	37.144	51.689	101.343	18.728	31.096	11.960
37	895	17	0.001	162.235	497.647	114.059	85.647	38.588	49.306	101.368	18.144	32.596	12.161
38	899	69	0.005	132.768	436.275	105.232	68.275	32.145	46.950	95.791	18.582	24.652	9.558
	Cases with some college												
40	001	135	0.009	219.119	631.800	137.341	141.993	47.333	45.937	105.738	16.933	51.150	13.487
41	010	1211	0.082	210.308	603.328	133.356	123.308	45.222	37.898	88.122	13.965	44.149	12.810
42	111	12	0.001	229.917	665.750	139.333	162.167	53.917	42.068	86.143	13.317	40.265	15.174
43	120	11	0.001	189.364	575.091	126.636	126.636	41.909	52.106	131.263	19.561	57.345	16.465
44	222	37	0.003	225.432	664.108	138.649	171.865	54.514	43.398	103.257	13.643	58.902	15.207
45	231	25	0.002	246.560	719.240	146.520	193.960	63.840	23.929	55.494	8.297	31.526	13.927
46	299	18	0.001	233.500	671.833	140.556	169.222	57.833	24.787	75.263	13.035	43.286	15.682
47	310	14	0.001	243.071	688.928	147.214	164.786	64.857	29.138	62.780	7.797	41.778	10.465
48	316	15	0.001	242.933	689.133	144.933	175.467	59.533	24.511	58.862	9.208	37.386	11.476
49	329	19	0.001	251.421	724.789	149.842	192.632	60.316	14.534	47.723	6.534	32.835	10.683
50	335	16	0.001	232.813	684.875	143.063	169.313	56.938	13.848	41.023	9.483	30.254	10.686
51	337	336	0.023	221.402	634.253	136.952	137.911	51.134	30.091	75.378	12.939	38.364	11.862
52	341	27	0.002	217.852	614.593	134.852	127.963	47.037	27.294	62.301	10.354	31.140	9.006
53	343	16	0.001	223.563	639.625	136.813	146.000	53.938	35.212	86.331	14.414	47.410	12.694
54	344	13	0.001	229.231	655.461	140.769	147.385	52.077	19.344	78.311	12.995	50.796	10.177
55	346	18	0.001	216.556	624.500	136.000	133.222	42.500	38.166	93.894	12.252	47.518	12.016

TABLE M-1b. (continued)

56	347	78	0.005	232.795	673.872	142.205	158.949	55.372	25.929	66.001	10.651	37.413	10.289
57	348	52	0.004	205.250	596.615	132.981	122.865	48.423	44.871	95.326	12.710	45.495	14.916
58	360	37	0.003	230.486	666.865	142.946	160.486	51.135	41.430	96.047	13.252	50.404	12.322
59	370	190	0.013	216.774	622.121	136.326	132.847	45.368	40.238	94.255	15.031	44.153	13.333
60	371	18	0.001	233.611	652.722	140.111	147.722	49.500	23.221	65.461	10.900	38.383	15.178
61	372	16	0.001	231.750	667.313	144.563	152.125	49.125	28.025	72.529	10.373	32.853	12.826
62	373	32	0.002	224.844	653.156	140.469	151.344	52.594	35.628	87.017	13.388	42.239	12.409
63	393	13	0.001	238.231	659.461	141.231	147.769	43.923	25.007	58.823	10.442	33.910	8.558
64	400	1190	0.081	216.818	625.436	135.933	135.566	46.550	37.932	86.532	13.960	42.615	12.681
65	411	36	0.002	214.028	614.555	132.111	135.306	46.667	31.555	84.705	15.572	41.027	12.840
66	412	751	0.051	211.987	610.165	133.872	128.375	45.126	35.101	81.322	13.786	39.923	12.161
67	420	89	0.006	224.742	650.517	140.685	146.191	48.618	35.004	72.685	10.223	42.436	11.756
68	421	62	0.004	240.952	706.323	142.661	194.048	56.129	26.100	60.103	10.784	29.746	12.426
69	422	41	0.003	225.780	652.585	140.195	148.683	56.098	38.306	89.248	13.047	49.815	15.008
70	423	68	0.005	222.147	632.779	139.985	133.397	47.015	32.941	74.264	11.440	37.417	12.548
71	424	149	0.010	228.275	649.805	140.960	142.550	49.027	28.477	86.828	14.360	46.475	12.998
72	425	58	0.004	235.345	682.776	146.155	159.534	49.552	18.508	50.783	8.691	34.458	11.373
73	426	50	0.003	212.420	607.740	133.140	120.560	42.340	40.593	69.164	9.046	35.781	9.734
74	427	63	0.004	208.794	598.857	130.952	123.667	48.365	33.925	82.849	14.235	42.421	10.348
75	429	44	0.003	202.250	580.704	129.227	113.386	45.864	36.294	78.355	12.112	40.877	10.864
76	431	51	0.003	218.824	628.588	139.510	132.765	48.941	33.731	70.525	11.436	39.072	10.015
77	432	53	0.004	228.736	648.264	140.226	140.189	50.226	36.234	92.512	14.016	48.575	14.529
78	440	60	0.004	215.600	614.850	134.650	131.967	46.917	34.713	89.340	13.443	44.607	10.967
79	441	40	0.003	224.425	643.050	141.275	139.750	45.500	26.013	63.892	8.924	40.169	9.837
80	460	90	0.006	231.333	662.789	142.467	150.978	53.300	27.361	72.227	9.935	40.882	13.547
81	462	20	0.001	249.800	729.650	151.300	190.050	64.000	20.379	53.546	9.879	27.128	13.730
82	463	25	0.002	245.120	705.080	147.760	179.880	62.080	28.597	69.966	12.353	37.597	14.546
83	464	49	0.003	243.898	708.204	151.612	171.327	59.306	24.273	58.109	8.088	36.861	12.299
84	465	21	0.001	243.429	704.381	148.333	175.190	55.143	25.928	57.809	8.363	34.708	12.010
85	511	54	0.004	233.093	666.500	142.667	152.111	51.352	26.836	69.493	11.275	39.406	10.010
86	522	40	0.003	231.275	663.400	142.025	150.825	49.825	23.526	56.340	7.813	38.931	11.277
87	523	19	0.001	220.947	627.210	138.947	130.105	45.526	38.030	86.056	13.402	46.331	8.598
88	531	26	0.002	230.115	655.308	141.962	141.115	51.423	28.159	76.699	10.660	48.694	12.478
89	534	19	0.001	227.421	652.210	142.895	137.684	46.789	29.050	76.926	10.493	44.516	16.695
90	541	22	0.001	230.682	645.500	140.182	142.591	52.818	23.850	78.826	13.175	43.900	12.262
91	545	26	0.002	209.615	595.808	136.731	113.500	46.846	47.870	96.787	13.202	44.864	12.874
92	551	10	0.001	234.500	670.400	144.500	144.100	50.900	15.529	49.379	8.897	36.783	13.161
93	575	12	0.001	231.083	645.667	142.917	143.000	50.750	22.925	51.492	8.512	27.538	15.772
94	621	11	0.001	204.455	606.364	137.091	127.818	49.091	61.249	78.035	12.218	33.063	15.668
95	711	11	0.001	190.000	563.364	129.636	102.091	41.727	40.968	87.288	15.364	42.599	16.698
96	716	19	0.001	216.421	616.895	133.526	136.105	43.211	43.028	94.224	14.680	45.914	9.253
97	717	23	0.002	199.913	582.217	127.304	119.609	40.087	33.267	82.974	12.133	45.941	8.872
98	722	20	0.001	210.900	611.100	133.250	128.350	44.100	33.419	72.714	9.414	43.837	11.612
99	724	23	0.002	224.043	632.174	139.522	131.913	47.391	26.217	64.907	11.453	29.344	10.731
100	725	12	0.001	231.083	635.750	138.250	136.250	50.167	29.813	73.827	8.092	50.933	11.846
101	726	25	0.002	224.000	663.840	144.160	154.400	51.440	46.680	87.932	11.010	47.680	13.373
102	730	12	0.001	183.333	544.833	121.917	111.417	42.250	47.697	98.410	16.544	44.369	13.226
103	751	32	0.002	202.625	574.563	125.281	115.313	41.938	40.358	102.655	16.618	46.942	12.019
104	755	13	0.001	203.462	596.154	131.923	125.231	45.385	46.439	107.828	14.483	45.404	14.632
105	758	11	0.001	207.273	616.364	135.636	136.091	48.000	63.301	89.040	15.194	40.908	12.296
106	761	322	0.022	201.245	579.851	131.220	107.112	40.742	39.386	86.336	13.948	40.218	12.120
107	763	19	0.001	209.895	596.052	132.684	113.474	44.789	25.272	58.503	9.877	33.760	10.737
108	764	22	0.001	193.591	576.682	132.500	106.409	41.591	54.301	80.652	9.748	29.875	11.312
109	765	11	0.001	185.091	536.727	122.727	85.364	32.182	40.842	70.501	10.992	25.978	6.824
110	766	15	0.001	187.200	544.333	124.667	99.600	43.333	41.859	99.576	20.180	30.891	13.515
111	769	17	0.001	202.941	576.941	127.765	109.235	43.059	45.348	119.072	17.326	49.208	14.639
112	789	18	0.001	198.278	577.000	128.722	111.111	42.667	35.967	86.509	14.564	39.850	14.467
113	798	12	0.001	230.333	637.417	138.750	142.333	49.000	26.795	61.779	10.393	38.474	13.232
114	866	19	0.001	213.368	590.842	129.737	114.579	47.579	29.468	89.627	16.424	40.407	12.222
115	868	16	0.001	182.000	543.688	124.688	105.688	39.438	53.999	128.072	22.008	48.594	15.423
116	871	22	0.001	222.864	637.182	136.273	142.864	53.545	36.510	82.080	13.410	39.700	16.798
117	872	30	0.002	220.600	629.866	135.100	139.133	50.300	38.007	87.714	14.349	40.758	12.248
118	894	21	0.001	172.810	513.952	118.048	86.571	41.667	44.876	75.379	13.132	26.560	12.423
	TOTAL	14703	1.000	195.878	568.297	127.629	108.990	42.035	46.818	106.778	17.862	46.464	13.369

TABLE M-1b. (continued)

#	Career-plan code Q-2-cp-A	N	P	Mean 6 C-006	Mean 7 C-007	Mean 8 C-008	Mean 9 C-009	Mean 10 C-010	σ 6 C-006	σ 7 C-007	σ 8 C-008	σ 9 C-009	σ 10 C-010
	Cases with no college												
2	001	127	0.009	444.520	226.992	333.590	188.220	128.480	141.870	58.391	91.991	45.727	41.931
3	010	3484	0.237	486.378	238.346	355.358	203.962	136.061	122.847	50.463	76.507	39.775	35.879
4	020	10	0.001	411.900	228.100	320.100	179.700	125.400	130.952	56.323	90.115	39.033	40.550
5	111	18	0.001	410.667	217.722	318.833	182.833	120.111	158.520	57.463	87.962	54.973	43.137
6	120	24	0.002	425.458	216.875	315.375	184.167	124.625	171.160	60.639	102.998	60.203	47.144
7	141	12	0.001	367.000	197.250	296.417	181.167	123.250	82.447	50.251	71.262	40.154	41.247
8	337	367	0.025	617.231	309.902	452.817	235.011	159.659	101.279	48.256	64.739	29.635	35.531
9	347	23	0.002	590.174	290.609	419.565	225.652	161.304	136.283	52.757	77.280	37.284	43.801
10	348	82	0.006	505.341	248.463	366.219	199.646	141.378	119.159	52.094	76.046	39.437	38.676
11	523	17	0.001	507.294	255.235	379.000	216.471	143.824	125.829	64.952	99.446	54.799	40.219
12	545	15	0.001	487.533	250.267	361.600	203.667	137.600	112.119	37.704	67.520	30.460	47.503
13	711	23	0.002	534.956	242.043	372.478	206.565	145.043	145.206	66.616	97.267	50.366	43.170
14	717	24	0.002	519.792	248.542	379.208	204.708	147.750	119.498	45.264	70.651	39.618	34.606
15	741	31	0.002	370.323	198.613	289.387	171.968	110.129	99.555	31.208	52.082	35.467	30.367
16	751	99	0.007	481.899	237.212	356.202	202.576	133.848	117.860	45.423	70.241	36.822	35.055
17	752	31	0.002	483.000	240.290	353.193	206.194	124.484	121.244	51.392	77.527	30.457	31.319
18	753	13	0.001	420.154	213.692	318.923	202.000	117.462	107.250	30.508	50.497	41.104	28.374
19	755	51	0.003	510.549	254.431	374.431	203.686	144.784	160.143	63.801	96.083	46.661	38.402
20	756	79	0.005	449.038	225.544	332.557	194.089	127.380	118.913	43.840	69.048	38.957	37.741
21	758	54	0.004	434.315	225.667	325.852	187.204	129.352	129.974	49.193	76.308	48.200	40.113
22	761	675	0.046	501.521	247.304	370.166	215.713	135.858	122.384	47.571	73.677	37.380	36.753
23	762	20	0.001	529.850	240.550	370.850	206.150	150.300	148.884	54.335	70.171	39.008	43.393
24	763	28	0.002	498.464	247.321	368.821	216.929	126.571	116.705	51.681	74.930	41.578	30.426
25	764	39	0.003	518.256	250.564	381.077	218.641	136.487	106.379	41.676	63.328	30.745	34.313
26	765	58	0.004	481.396	233.741	349.224	209.500	130.862	136.479	54.279	84.045	49.787	40.307
27	766	88	0.006	445.750	230.295	336.091	190.330	127.682	113.975	41.444	69.930	34.515	32.840
28	769	120	0.008	446.508	225.633	333.750	191.225	127.500	119.450	46.273	73.071	41.224	38.085
29	771	10	0.001	469.900	222.800	340.200	198.100	139.900	95.029	39.069	66.909	30.164	30.968
30	781	42	0.003	436.500	226.405	329.167	190.905	123.738	121.338	52.994	79.950	40.569	35.353
31	789	40	0.003	462.875	233.400	344.800	203.775	133.325	150.399	56.753	90.418	46.259	43.629
32	797	10	0.001	387.000	204.200	291.600	158.600	127.700	104.773	39.777	67.328	29.003	29.500
33	868	34	0.002	416.294	217.029	312.912	179.118	126.088	116.143	52.538	77.711	43.911	35.331
34	891	26	0.002	447.577	230.385	337.615	188.154	122.385	148.647	53.890	83.147	43.920	38.774
35	893	190	0.013	444.531	220.079	325.026	183.926	131.411	121.824	44.297	69.737	37.191	33.699
36	894	97	0.007	460.072	235.000	343.948	188.577	128.474	134.436	54.516	87.653	41.879	39.989
37	895	17	0.001	477.294	235.765	341.176	188.059	139.471	145.177	54.526	85.117	39.418	43.395
38	899	69	0.005	388.609	205.681	292.551	166.043	117.072	124.201	43.376	74.759	41.967	32.136
	Cases with some college												
40	001	135	0.009	628.889	323.489	470.852	243.156	161.089	158.634	69.512	98.887	39.608	44.365
41	010	1211	0.082	597.864	299.140	438.762	233.067	157.154	135.756	61.076	85.254	37.030	41.226
42	111	12	0.001	698.8[illegible]	348.667	506.667	238.500	177.333	150.636	60.175	86.583	32.809	45.721
43	120	11	0.001	555.1[illegible]	289.909	414.636	213.273	144.455	196.144	88.493	127.915	51.180	48.486
44	222	37	0.003	708.405	354.567	506.027	243.000	183.649	164.508	70.684	100.832	37.063	49.723
45	231	25	0.002	786.120	391.440	562.080	267.280	211.040	102.964	44.107	59.237	23.688	41.593
46	299	18	0.001	714.222	359.333	516.111	245.333	190.222	137.416	61.533	76.321	27.985	51.428
47	310	14	0.001	759.286	376.500	541.643	262.714	209.643	104.079	38.117	56.708	26.739	40.359
48	316	15	0.001	730.600	375.333	538.400	251.333	199.600	109.816	46.155	62.721	23.160	44.079
49	329	19	0.001	781.631	393.579	565.052	272.895	198.632	99.950	41.793	53.112	20.241	32.923
50	335	16	0.001	719.938	358.375	517.750	243.500	186.625	104.311	33.753	41.248	24.935	36.135
51	337	336	0.023	649.250	323.774	472.803	240.744	168.860	112.945	50.725	70.534	31.228	38.897
52	341	27	0.002	625.148	311.111	456.222	239.778	159.148	101.985	42.484	62.055	25.429	28.819
53	343	16	0.001	674.625	335.938	478.938	239.688	180.250	139.482	55.401	82.148	33.688	44.728
54	344	13	0.001	672.154	336.923	490.615	254.000	173.231	107.017	58.536	73.187	33.083	30.502
55	346	18	0.001	605.944	308.333	451.778	237.444	141.889	137.990	62.386	88.657	38.736	36.142

TABLE M-1b. (continued)

56	347	78	0.005	708.474	351.436	511.077	252.013	180.590	103.752	47.292	62.864	26.275	35.583
57	348	52	0.004	603.308	307.135	444.673	224.615	162.038	158.489	62.072	89.485	41.152	48.070
58	360	37	0.003	680.594	353.811	507.919	253.568	165.919	145.679	64.781	94.441	36.201	42.409
59	370	190	0.013	611.158	314.774	460.921	237.916	151.874	145.582	61.318	86.943	39.395	44.151
60	371	18	0.001	656.500	338.389	495.055	245.389	162.444	126.882	49.712	67.206	32.590	50.966
61	372	16	0.001	667.000	342.813	501.688	252.063	163.063	118.824	50.236	64.635	27.079	36.629
62	373	32	0.002	686.969	340.281	491.531	242.844	175.125	141.208	59.844	82.872	33.965	39.954
63	393	13	0.001	638.692	333.615	495.769	248.846	150.308	77.049	39.738	58.229	30.414	35.034
64	400	1190	0.081	523.491	316.243	461.497	239.455	156.450	132.417	57.516	81.534	36.718	41.891
65	411	36	0.002	628.667	313.194	456.250	231.500	156.861	118.043	56.586	77.742	33.935	46.542
66	412	751	0.051	604.115	306.206	447.495	234.864	152.843	123.156	54.785	77.112	35.370	39.835
67	420	89	0.006	651.887	336.348	488.573	250.393	157.539	124.223	52.963	71.581	31.866	41.766
68	421	62	0.004	749.516	372.774	537.226	255.339	192.919	114.323	43.836	59.233	28.191	41.170
69	422	41	0.003	693.488	346.439	498.585	252.244	179.951	148.701	61.923	86.539	30.742	48.558
70	423	68	0.005	631.412	328.412	477.588	240.485	153.456	125.169	52.811	72.381	32.755	39.572
71	424	149	0.010	655.221	333.114	487.355	252.752	162.128	129.785	60.151	79.892	33.792	41.473
72	425	58	0.004	683.189	353.586	512.724	265.052	163.534	95.219	46.051	58.011	21.793	37.097
73	426	50	0.003	586.960	288.000	432.080	235.420	144.320	117.052	48.604	69.580	31.199	35.260
74	427	63	0.004	598.508	297.809	437.111	222.079	167.397	116.905	59.575	81.201	33.535	33.429
75	429	44	0.003	575.136	285.114	416.386	219.455	163.068	114.625	51.849	73.677	33.437	37.541
76	431	51	0.003	637.706	324.333	469.039	244.255	170.569	106.378	50.563	68.426	32.426	32.796
77	432	53	0.004	659.302	328.075	480.377	250.491	171.377	148.805	67.617	92.458	38.730	42.872
78	440	60	0.004	615.517	313.883	457.950	234.500	157.617	130.074	57.610	81.510	35.775	38.814
79	441	40	0.003	638.675	330.750	480.450	250.325	145.900	95.895	44.663	63.547	28.011	30.238
80	460	90	0.006	685.411	344.611	501.722	253.511	175.489	125.079	51.707	70.331	28.941	44.118
81	462	20	0.001	807.050	401.900	572.100	272.900	206.400	99.426	40.783	55.307	22.954	49.428
82	463	25	0.002	778.760	389.080	556.760	265.800	199.640	129.419	51.592	68.345	33.483	45.776
83	464	49	0.003	745.959	382.224	548.020	277.224	191.041	108.059	44.193	58.479	22.857	44.372
84	465	21	0.001	742.333	376.333	545.286	274.095	179.524	106.375	43.502	57.037	21.976	43.455
85	511	54	0.004	679.926	345.852	502.481	253.593	168.463	108.414	47.005	63.164	27.675	36.536
86	522	40	0.003	681.275	338.100	495.700	250.725	169.525	96.529	47.753	60.155	27.454	38.587
87	523	19	0.001	624.684	318.263	464.158	238.526	157.158	121.181	58.102	83.848	33.671	27.993
88	531	26	0.002	670.885	336.000	491.461	254.462	167.269	131.542	59.965	81.084	31.833	39.060
89	534	19	0.001	646.947	326.789	481.210	258.368	155.842	125.628	55.863	73.992	26.269	54.053
90	541	22	0.001	679.000	338.273	491.000	242.909	183.682	116.920	61.189	77.286	31.644	41.614
91	545	26	0.002	586.423	301.923	435.385	229.231	166.500	141.777	55.813	80.687	41.282	40.540
92	551	10	0.001	669.300	339.800	499.800	260.200	161.700	94.003	56.760	64.502	25.866	41.870
93	575	12	0.001	652.333	342.417	492.583	257.250	165.250	115.525	44.732	49.572	20.342	54.643
94	621	11	0.001	598.454	314.727	451.636	230.000	160.091	142.861	51.567	78.103	46.637	58.116
95	711	11	0.001	538.364	278.091	397.182	226.000	147.273	157.647	65.575	96.744	34.430	47.812
96	716	19	0.001	603.421	298.737	446.526	232.316	161.474	140.341	56.284	80.903	42.091	42.343
97	717	23	0.002	556.130	280.869	412.696	223.609	142.087	109.098	48.999	69.608	34.042	27.293
98	722	20	0.001	619.150	302.200	442.300	227.400	156.150	95.654	52.684	71.235	28.203	40.844
99	724	23	0.002	634.304	317.826	470.956	246.217	160.565	101.383	45.243	63.595	27.321	36.319
100	725	12	0.001	648.833	320.500	477.333	248.750	168.250	114.236	55.011	73.995	25.187	43.240
101	726	25	0.002	671.440	343.800	498.600	253.320	174.960	155.989	58.496	79.560	40.235	46.717
102	730	12	0.001	518.500	274.000	394.833	199.250	143.833	144.521	66.217	98.295	43.629	43.962
103	751	32	0.002	569.375	276.094	410.031	217.531	147.656	146.720	62.852	90.649	42.359	37.006
104	755	13	0.001	603.308	293.231	427.846	225.308	169.538	167.358	64.793	96.591	36.406	44.207
105	758	11	0.001	621.545	322.091	461.182	227.364	161.455	159.074	56.875	79.145	38.937	50.934
106	761	322	0.022	548.571	277.140	409.916	228.332	144.174	131.714	56.307	80.436	36.649	39.889
107	763	19	0.001	577.737	288.421	426.947	240.000	151.579	106.899	56.258	68.854	33.854	27.947
108	764	22	0.001	547.500	278.000	407.818	228.364	142.227	143.985	42.091	61.810	43.510	48.453
109	765	11	0.001	470.636	239.545	359.909	223.636	121.273	108.730	40.013	69.671	39.978	33.559
110	766	15	0.001	537.600	269.533	389.000	205.600	146.667	139.327	59.096	82.660	44.601	43.159
111	769	17	0.001	569.823	279.706	415.000	224.176	149.471	170.040	67.239	100.561	51.051	48.321
112	789	18	0.001	560.722	278.889	412.000	215.778	148.889	152.066	55.093	80.595	37.249	52.814
113	798	12	0.001	648.167	325.167	475.167	241.417	168.250	118.355	57.126	72.309	30.264	41.502
114	866	19	0.001	603.947	293.210	430.368	227.211	163.053	129.958	57.051	74.939	40.458	38.762
115	868	16	0.001	508.750	276.250	393.000	209.938	141.188	177.003	73.796	111.437	55.201	46.187
116	871	22	0.001	665.454	329.909	478.182	242.136	181.864	150.801	62.671	89.269	35.340	55.947
117	872	30	0.002	652.633	316.667	464.400	233.267	169.533	119.102	57.110	79.014	41.738	39.837
118	894	21	0.001	488.952	243.143	362.762	190.095	141.190	113.534	40.749	68.826	34.573	42.768
	TOTAL	14703	1.000	551.053	276.128	405.811	219.995	147.070	152.583	69.258	99.357	43.671	42.378

TABLE M-1b. (continued)

#	Career-plan code Q-2-cp-A	N	P	Mean 11 C-011	Mean 12 C-012	σ 11 C-011	σ 12 C-012
	Cases with no college						
2	001	127	0.009	23.614	182.063	7.950	63.665
3	010	3484	0.237	25.247	196.488	7.260	57.166
4	020	10	0.001	25.300	189.000	7.587	62.519
5	111	18	0.001	22.222	169.556	8.264	60.905
6	120	24	0.002	23.208	180.917	8.978	68.582
7	141	12	0.001	22.333	154.417	8.060	42.432
8	337	367	0.025	30.431	272.793	7.481	58.196
9	347	23	0.002	31.826	260.087	9.144	73.664
10	348	82	0.006	26.756	211.695	7.989	57.758
11	523	17	0.001	25.588	212.059	8.070	63.184
12	545	15	0.001	25.733	200.800	8.111	54.855
13	711	23	0.002	27.565	216.913	8.623	76.823
14	717	24	0.002	28.042	212.042	6.900	54.085
15	741	31	0.002	21.065	151.839	5.808	36.769
16	751	99	0.007	24.960	196.586	7.490	56.458
17	752	31	0.002	23.290	191.677	6.793	59.065
18	753	13	0.001	22.000	163.538	5.228	40.963
19	755	51	0.003	26.902	216.255	7.295	70.987
20	756	79	0.005	23.152	177.114	6.895	48.569
21	758	54	0.004	24.556	184.778	8.275	54.524
22	761	675	0.046	25.324	199.121	7.401	55.776
23	762	20	0.001	27.800	213.050	9.288	67.891
24	763	28	0.002	23.107	193.357	5.750	51.091
25	764	39	0.003	25.077	204.179	6.209	49.875
26	765	58	0.004	24.224	190.914	8.009	57.696
27	766	88	0.006	23.591	184.500	6.807	49.485
28	769	120	0.008	23.642	183.342	7.798	55.051
29	771	10	0.001	27.000	190.600	5.099	36.710
30	781	42	0.003	23.071	181.143	6.572	60.933
31	789	40	0.003	25.625	189.325	9.122	63.697
32	797	10	0.001	24.200	162.900	5.673	37.108
33	868	34	0.002	22.971	177.265	6.811	45.778
34	891	26	0.002	22.962	178.962	7.887	67.191
35	893	190	0.013	24.405	181.853	6.667	48.661
36	894	97	0.007	24.443	193.907	8.039	60.012
37	895	17	0.001	25.647	201.412	8.536	65.846
38	899	69	0.005	22.435	164.710	6.416	47.828
	Cases with some college						
40	001	135	0.009	30.104	283.992	9.053	84.227
41	010	1211	0.082	29.331	258.974	8.555	74.007
42	111	12	0.001	34.333	323.917	9.557	83.778
43	120	11	0.001	26.909	252.364	9.648	103.708
44	222	37	0.003	34.892	335.405	11.281	96.178
45	231	25	0.002	41.080	385.480	9.840	67.340
46	299	18	0.001	36.333	342.722	12.395	82.814
47	310	14	0.001	41.500	359.357	8.244	62.008
48	316	15	0.001	37.867	354.067	8.758	63.633
49	329	19	0.001	38.158	373.579	7.244	55.618
50	335	16	0.001	36.125	340.125	8.310	57.117
51	337	336	0.023	32.307	291.313	8.504	65.458
52	341	27	0.002	29.593	269.074	6.166	47.849
53	343	16	0.001	34.250	307.813	9.241	71.660
54	344	13	0.001	32.769	303.615	7.201	76.640
55	346	18	0.001	26.389	260.722	7.277	76.907

TABLE M-1b. (continued)

56	347	78	0.005	34.936	325.064	7.340	60.970
57	348	52	0.004	30.712	268.135	10.235	86.042
58	360	37	0.003	31.568	313.892	9.097	80.082
59	370	190	0.013	28.279	268.952	9.058	76.734
60	371	18	0.001	30.722	296.222	10.948	74.108
61	372	16	0.001	31.375	299.500	9.032	60.764
62	373	32	0.002	33.875	309.125	8.541	75.154
63	393	13	0.001	26.462	279.538	6.398	45.557
64	400	1190	0.081	29.450	275.218	8.694	71.709
65	411	36	0.002	29.333	275.305	9.168	71.173
66	412	751	0.051	28.730	263.755	8.287	66.804
67	420	89	0.006	29.865	292.045	8.209	68.525
68	421	62	0.004	36.097	362.435	9.073	59.326
69	422	41	0.003	35.390	316.976	11.222	87.298
70	423	68	0.005	29.235	274.441	8.531	66.874
71	424	149	0.010	30.691	289.631	8.887	76.794
72	425	58	0.004	30.310	308.189	8.011	58.125
73	426	50	0.003	26.940	247.580	6.659	59.328
74	427	63	0.004	31.159	268.762	6.754	63.831
75	429	44	0.003	30.045	250.977	7.573	64.682
76	431	51	0.003	31.176	279.588	6.477	58.177
77	432	53	0.004	31.830	290.868	9.693	84.785
78	440	60	0.004	29.750	272.717	7.639	68.916
79	441	40	0.003	27.725	276.250	7.215	57.297
80	460	90	0.006	33.778	310.878	9.396	72.088
81	462	20	0.001	39.850	382.050	11.306	62.850
82	463	25	0.002	39.000	366.120	10.575	74.116
83	464	49	0.003	37.245	349.245	9.234	65.505
84	465	21	0.001	34.143	340.619	8.759	64.976
85	511	54	0.004	32.074	306.167	7.952	59.835
86	522	40	0.003	32.050	300.300	8.196	64.163
87	523	19	0.001	29.053	266.684	5.681	55.689
88	531	26	0.002	31.962	295.385	8.426	79.050
89	534	19	0.001	29.632	278.052	12.837	77.721
90	541	22	0.001	33.227	301.045	9.242	75.374
91	545	26	0.002	30.692	254.038	9.006	70.294
92	551	10	0.001	31.200	296.800	8.135	67.102
93	575	12	0.001	32.000	295.250	11.418	65.982
94	621	11	0.001	30.636	275.091	11.422	61.824
95	711	11	0.001	27.364	227.273	10.171	82.173
96	716	19	0.001	29.263	265.737	7.929	65.708
97	717	23	0.002	26.000	239.870	6.150	58.946
98	722	20	0.001	28.850	260.650	8.524	66.183
99	724	23	0.002	29.826	274.087	8.055	53.356
100	725	12	0.001	32.750	286.750	8.750	75.282
101	726	25	0.002	32.640	308.720	9.878	78.945
102	730	12	0.001	27.583	238.167	9.090	77.598
103	751	32	0.002	27.406	241.125	7.841	76.211
104	755	13	0.001	30.769	261.385	9.084	82.136
105	758	11	0.001	29.727	280.091	8.356	70.322
106	761	322	0.022	26.764	229.339	8.062	68.220
107	763	19	0.001	28.316	247.842	5.716	61.332
108	764	22	0.001	27.273	231.182	8.956	51.305
109	765	11	0.001	20.909	181.909	5.262	43.835
110	766	15	0.001	28.800	229.600	9.712	65.165
111	769	17	0.001	27.353	238.412	9.905	88.742
112	789	18	0.001	28.000	239.111	11.204	76.938
113	798	12	0.001	31.667	289.333	9.208	71.658
114	866	19	0.001	30.684	257.316	8.686	74.569
115	868	16	0.001	24.750	224.000	9.977	85.123
116	871	22	0.001	33.682	303.500	11.962	83.283
117	872	30	0.002	32.333	290.033	8.172	69.220
118	894	21	0.001	26.857	211.571	9.227	54.029
	TOTAL	14703	1.000	27.558	235.092	8.699	79.532

TABLE M-2a. Means and standard deviations on 12 *a priori* composites (C-001 through C-012) for purified career plan groups containing at least 10 cases

Grade 11 males with 5-year follow-up data

#	Career-plan code Q-2-cp-A	N	P	Mean					σ				
				1 C-001	2 C-002	3 C-003	4 C-004	5 C-005	1 C-001	2 C-002	3 C-003	4 C-004	5 C-005
	Cases with no college												
2	001	370	0.025	158.222	467.089	105.235	89.773	51.838	47.265	101.578	17.457	36.796	14.306
3	102	78	0.005	161.179	471.769	106.333	87.846	53.577	41.801	86.960	13.894	34.598	11.645
4	111	29	0.002	157.759	467.896	108.069	85.621	49.897	45.822	96.896	17.182	28.742	15.832
5	112	128	0.008	159.516	464.570	104.047	91.547	54.414	43.130	95.513	17.496	31.444	12.536
6	120	39	0.003	150.949	456.359	104.615	85.231	50.051	42.464	83.423	14.639	28.601	12.957
7	125	68	0.005	182.750	526.735	113.397	111.809	62.721	38.071	75.449	13.078	31.390	14.994
8	222	70	0.005	178.900	518.000	113.957	106.257	58.000	42.044	94.335	15.896	37.338	14.001
9	299	49	0.003	175.857	512.388	113.755	100.857	54.245	39.258	94.387	16.642	35.786	13.416
10	348	10	0.001	133.700	406.100	96.100	61.400	45.500	49.851	110.959	26.392	22.272	17.290
11	521	13	0.001	154.385	474.385	104.692	97.462	50.308	64.206	133.283	20.344	41.283	18.490
12	545	24	0.002	176.750	499.208	113.917	92.292	59.917	46.527	97.163	15.013	40.575	14.383
13	623	12	0.001	147.500	438.250	100.417	74.083	52.833	43.848	64.624	12.094	12.362	13.016
14	631	78	0.005	151.769	452.820	102.423	83.449	53.654	45.799	93.158	16.657	30.109	12.180
15	639	152	0.010	152.520	458.677	103.178	89.368	51.625	43.570	94.988	16.609	31.377	13.910
16	640	30	0.002	154.567	459.067	105.467	89.267	50.767	53.132	127.450	24.940	35.416	13.816
17	641	23	0.002	174.783	482.000	108.348	91.522	56.957	52.602	100.092	16.081	27.961	15.801
18	661	107	0.007	159.766	467.196	107.402	86.449	52.346	44.244	90.487	15.964	32.091	14.085
19	666	36	0.002	144.861	437.722	100.556	83.083	49.500	44.918	106.902	19.465	36.345	12.500
20	669	10	0.001	160.300	435.300	97.300	81.200	45.100	49.318	102.013	19.850	18.725	11.000
21	711	41	0.003	170.415	487.878	107.780	98.219	52.219	45.295	107.264	20.269	31.590	13.074
22	716	14	0.001	177.643	517.357	110.429	115.500	54.214	57.445	118.161	16.938	47.318	16.794
23	717	51	0.003	164.627	489.765	108.608	98.627	50.647	39.932	77.698	14.249	34.126	13.622
24	721	12	0.001	190.917	535.583	116.750	102.500	58.500	40.119	85.751	14.919	23.892	14.780
25	723	14	0.001	190.500	572.714	123.571	132.143	64.857	64.430	133.718	17.562	58.046	15.063
26	730	91	0.006	175.538	506.176	113.077	97.780	55.538	40.536	89.146	16.920	32.182	13.999
27	732	43	0.003	167.884	501.070	112.372	100.395	52.372	36.916	80.311	13.363	32.889	12.644
28	738	37	0.002	164.892	486.513	108.568	94.216	55.649	45.182	85.474	14.029	35.018	14.359
29	741	18	0.001	140.611	437.778	102.889	84.167	48.278	60.577	120.654	18.330	44.785	15.725
30	746	26	0.002	167.962	492.846	109.385	92.615	51.615	45.783	93.154	15.885	30.987	14.297
31	748	94	0.006	158.777	467.362	106.457	90.085	53.596	45.381	92.324	17.059	36.049	14.236
32	749	13	0.001	187.000	543.154	119.923	106.692	57.308	33.116	67.388	9.349	33.636	11.891
33	759	59	0.004	164.610	472.491	106.678	87.661	47.559	46.053	88.753	15.793	36.547	14.068
34	769	15	0.001	157.333	470.267	110.000	78.000	52.333	41.778	57.999	11.257	17.505	16.590
35	791	11	0.001	160.273	468.727	108.455	80.636	50.909	58.117	113.728	22.897	27.638	19.902
36	796	13	0.001	177.846	517.077	111.846	111.769	53.308	46.986	109.542	15.847	43.457	14.991
37	797	81	0.005	156.284	458.259	103.605	85.494	47.877	44.855	98.564	18.758	34.620	15.463
38	798	14	0.001	169.857	498.714	113.286	92.143	56.571	44.414	90.834	15.583	36.315	14.026
39	810	166	0.011	162.253	470.771	105.741	93.693	57.163	48.302	101.440	18.436	35.708	13.992
40	811	172	0.011	187.849	531.936	115.093	111.029	64.721	40.560	91.077	15.012	36.301	14.004
41	812	38	0.003	172.289	495.658	107.605	101.132	61.737	44.576	91.354	14.782	35.088	13.377
42	813	41	0.003	177.049	508.195	112.512	104.951	60.366	39.242	80.590	12.590	30.437	11.702
43	814	24	0.002	166.458	492.208	109.375	105.125	61.792	40.375	81.159	13.596	32.140	12.297
44	820	119	0.008	154.168	455.361	102.454	89.067	56.445	44.614	96.295	16.393	33.516	13.543
45	821	101	0.007	157.218	455.336	102.149	86.327	56.069	44.279	99.368	17.987	33.462	15.189
46	822	86	0.006	154.291	451.465	103.802	84.081	55.965	39.613	82.224	15.204	27.999	12.503
47	824	21	0.001	157.524	471.143	107.657	90.000	53.381	40.402	77.819	11.960	30.819	10.298
48	828	227	0.015	170.432	485.057	107.533	96.648	57.388	41.644	87.333	15.035	33.512	13.606
49	832	57	0.004	145.158	440.210	100.544	82.474	50.789	45.351	98.728	17.553	30.517	14.421
50	833	113	0.007	146.991	440.464	101.136	81.191	51.227	37.045	80.962	15.603	26.450	14.330

TABLE M-2a. (continued)

51	834	54	0.004	132.519	412.259	96.389	76.630	49.370	46.983	94.481	19.076	23.057	15.111
52	835	73	0.005	148.712	453.452	103.479	91.027	51.932	48.301	104.737	19.363	35.320	13.717
53	836	33	0.002	141.273	435.576	102.182	79.788	52.303	44.448	92.923	16.168	30.307	12.626
54	837	34	0.002	160.324	472.117	104.500	94.324	53.559	40.124	84.064	15.623	33.275	14.368
55	841	27	0.002	179.185	517.815	112.630	108.481	65.963	38.854	89.442	13.517	37.192	9.784
56	852	16	0.001	141.875	418.563	93.813	75.625	46.500	48.684	117.731	24.095	35.027	13.089
57	853	80	0.005	143.787	438.962	102.250	77.412	51.787	43.021	84.406	15.074	27.743	14.075
58	861	88	0.006	159.409	468.807	107.091	86.420	52.693	45.717	95.621	17.156	34.109	13.811
59	863	14	0.001	167.071	492.857	109.143	105.429	54.500	43.120	93.430	16.965	35.822	11.134
60	864	81	0.005	168.148	487.802	108.025	97.778	58.506	42.385	95.366	15.984	34.666	14.951
61	865	16	0.001	161.875	483.938	112.000	89.125	56.188	56.491	103.469	13.962	33.085	15.934
62	881	18	0.001	139.389	408.278	89.889	82.000	43.222	52.976	103.717	20.234	30.027	13.761
63	885	29	0.002	152.655	456.552	102.552	87.621	50.448	41.993	98.627	15.756	38.543	13.556
64	892	27	0.002	128.333	390.926	92.000	69.815	43.667	37.386	102.440	21.356	31.187	10.756
65	893	15	0.001	172.733	492.600	114.867	85.933	51.400	38.029	88.259	14.750	37.280	16.265
66	899	287	0.019	145.916	440.321	100.899	81.958	49.049	45.884	92.860	16.635	30.860	14.288
	Cases with some college												
68	001	383	0.025	207.170	590.060	125.123	136.619	64.303	37.217	93.182	15.041	44.590	13.210
69	101	56	0.004	209.321	603.000	125.821	148.357	62.946	37.695	97.093	15.623	43.483	15.020
70	102	25	0.002	191.080	548.040	117.120	120.760	61.400	34.086	83.037	15.023	40.004	13.660
71	111	22	0.001	202.500	568.273	121.455	122.136	60.091	34.964	86.164	16.589	43.217	13.085
72	112	129	0.009	195.031	558.178	119.031	126.899	62.116	43.023	96.651	15.922	42.053	13.155
73	120	125	0.008	200.312	570.864	121.736	131.480	61.512	39.465	92.776	15.265	42.796	14.202
74	121	16	0.001	194.063	556.875	120.938	121.938	62.125	26.679	54.433	10.214	36.734	11.893
75	124	17	0.001	203.706	587.353	127.471	131.294	61.176	40.753	98.206	14.213	47.314	13.390
76	125	47	0.003	197.255	564.915	119.809	129.660	67.851	40.072	93.691	13.995	40.947	12.661
77	211	46	0.003	225.543	655.826	132.804	178.848	66.478	28.889	67.943	13.480	31.713	15.940
78	212	10	0.001	223.200	663.900	133.400	177.700	71.400	43.222	120.003	17.828	58.867	10.384
79	221	57	0.004	226.281	661.052	133.561	183.579	72.088	40.218	80.314	12.710	34.196	14.457
80	222	110	0.007	215.655	624.164	128.000	159.027	65.300	36.652	88.948	14.866	42.590	16.256
81	229	31	0.002	231.000	654.000	130.903	172.419	72.903	31.090	86.347	15.795	41.302	14.131
82	230	19	0.001	226.842	663.789	136.526	175.368	76.947	35.605	97.180	15.072	49.871	12.479
83	231	107	0.007	228.897	658.888	133.103	176.486	75.598	31.979	81.092	14.013	37.195	13.898
84	232	65	0.004	247.308	705.108	139.123	200.492	81.985	18.970	58.626	12.246	26.469	9.776
85	234	23	0.002	222.609	663.304	135.217	178.130	79.261	31.594	72.345	10.634	35.055	9.191
86	240	278	0.018	228.906	655.626	131.993	175.335	74.281	31.965	83.112	14.740	37.569	12.721
87	241	101	0.007	221.653	641.327	129.485	172.396	71.069	32.479	74.095	12.909	31.953	11.892
88	242	257	0.017	222.514	642.004	129.323	171.486	76.307	35.020	83.789	14.413	38.960	12.614
89	243	149	0.010	225.946	650.335	130.638	171.510	72.987	32.284	76.916	13.468	35.203	12.664
90	244	43	0.003	227.558	654.884	132.837	175.349	75.698	26.462	61.779	10.668	31.235	11.395
91	245	53	0.004	230.698	666.490	133.283	180.509	75.434	24.596	56.698	10.582	30.341	10.189
92	250	76	0.005	226.000	642.750	131.605	164.934	70.882	33.069	83.902	14.052	38.808	13.072
93	299	52	0.003	194.673	559.461	118.788	129.962	62.077	41.637	95.850	16.408	39.321	13.641
94	310	54	0.004	214.556	624.074	131.611	146.759	70.463	38.254	87.434	14.011	41.019	11.632
95	313	33	0.002	208.303	588.182	121.697	138.182	65.636	33.341	73.965	11.878	38.084	11.903
96	314	46	0.003	216.152	612.326	126.261	151.652	68.152	30.499	70.730	11.904	38.956	12.520
97	316	10	0.001	224.400	655.500	135.400	174.900	76.900	29.941	66.828	7.677	38.089	11.930
98	317	12	0.001	226.000	652.083	133.500	168.583	74.917	28.320	87.060	14.805	43.625	12.845
99	329	211	0.014	237.000	685.673	139.100	186.559	72.611	31.794	75.351	12.340	34.840	12.614
100	332	97	0.006	219.670	645.289	133.897	167.309	68.959	36.869	63.316	11.042	29.824	10.526
101	333	30	0.002	222.367	638.200	127.967	163.467	71.267	29.672	61.713	11.087	30.405	10.329
102	335	91	0.006	208.681	610.659	126.989	152.099	66.286	42.465	84.439	14.265	36.704	13.316
103	336	14	0.001	209.286	596.643	124.286	151.500	65.429	27.390	65.898	12.412	30.651	15.022
104	348	21	0.001	168.429	500.667	111.619	106.810	56.143	46.215	100.542	17.028	35.538	15.454
105	350	14	0.001	200.214	579.786	125.786	131.643	58.500	41.971	103.771	16.835	41.214	14.965
106	360	100	0.007	223.250	638.110	133.440	155.620	65.760	27.756	74.925	12.966	37.075	13.772
107	370	66	0.004	203.742	580.591	124.242	131.682	58.818	40.564	89.218	13.966	39.283	15.197
108	372	11	0.001	195.818	578.273	130.818	118.818	62.455	31.025	57.472	10.088	26.461	12.933

TABLE M-2a. (continued)

#	Career-plan code Q-2-cp-A	N	P	Mean 1 C-001	Mean 2 C-002	Mean 3 C-003	Mean 4 C-004	Mean 5 C-005	σ 1 C-001	σ 2 C-002	σ 3 C-003	σ 4 C-004	σ 5 C-005
109	373	42	0.003	201.333	589.428	126.333	131.833	60.119	35.853	92.932	15.473	42.284	13.542
110	382	34	0.002	217.206	616.735	128.412	154.294	68.265	27.204	79.832	13.322	40.523	13.388
111	389	32	0.002	214.313	621.281	129.719	153.125	64.594	31.228	81.687	12.977	38.008	16.545
112	391	16	0.001	211.813	607.875	128.438	143.750	60.938	35.290	115.704	21.881	45.172	16.126
113	392	24	0.002	233.125	671.542	139.000	171.667	73.917	39.036	96.432	13.822	44.639	15.399
114	393	372	0.025	230.554	664.129	136.535	171.016	67.632	28.410	74.692	12.474	37.935	12.834
115	394	15	0.001	209.933	601.200	124.200	143.267	63.533	28.464	72.815	12.190	39.264	14.608
116	397	17	0.001	214.471	605.941	126.941	147.588	66.000	42.914	111.811	17.013	48.265	15.313
117	398	23	0.002	227.957	640.826	132.739	157.043	69.043	29.373	65.131	9.430	34.634	11.432
118	400	485	0.032	202.043	583.734	124.113	134.258	61.662	38.346	92.136	15.228	42.706	14.408
119	412	53	0.004	192.604	556.755	120.151	121.038	59.906	41.504	95.566	13.870	43.086	14.214
120	420	102	0.007	211.000	599.794	125.549	140.167	63.294	34.816	88.388	14.659	43.510	14.477
121	421	65	0.004	212.185	621.385	126.815	164.231	63.138	28.967	69.888	12.637	29.121	10.766
122	422	70	0.005	208.300	607.157	125.757	152.143	69.843	46.296	100.368	15.198	44.050	15.071
123	423	87	0.006	202.437	577.827	124.839	127.448	61.000	40.012	84.618	12.863	38.800	15.596
124	424	42	0.003	215.881	618.452	133.405	136.214	63.143	32.283	77.717	12.653	37.449	12.082
125	425	16	0.001	204.750	606.250	130.938	142.688	53.750	33.380	81.158	14.318	38.836	13.304
126	426	14	0.001	203.929	588.857	124.571	132.429	57.786	24.846	75.239	12.024	41.174	12.777
127	428	50	0.003	187.920	540.060	114.780	118.940	63.740	45.079	97.747	16.254	37.777	12.726
128	429	57	0.004	184.561	535.754	117.614	110.965	54.421	40.818	95.179	15.626	39.407	12.636
129	431	12	0.001	199.667	571.167	123.417	124.667	62.250	34.976	73.695	11.859	30.327	11.403
130	432	34	0.002	206.353	598.000	129.118	132.441	62.412	36.491	90.416	15.433	45.212	17.821
131	440	12	0.001	217.917	606.417	126.250	138.833	60.667	30.429	65.790	12.835	33.026	19.095
132	450	45	0.003	201.733	578.089	123.556	133.444	59.133	41.112	104.803	19.609	39.193	13.448
133	460	231	0.015	226.909	648.840	134.381	162.658	67.879	33.675	83.405	13.947	40.755	13.360
134	461	32	0.002	245.313	717.938	142.938	207.750	75.031	22.309	53.215	10.827	26.017	12.594
135	462	55	0.004	233.982	682.036	138.291	183.618	77.182	35.837	76.422	12.609	35.597	12.496
136	463	89	0.006	231.966	656.809	136.865	165.112	66.562	23.996	69.179	10.603	40.074	13.159
137	464	55	0.004	226.636	660.454	138.909	169.964	69.673	46.570	104.337	17.133	42.065	14.288
138	470	16	0.001	218.813	639.500	134.000	152.875	64.500	27.211	71.750	12.863	33.380	10.469
139	511	11	0.001	216.727	625.818	136.273	139.455	57.818	53.089	99.563	14.171	43.180	20.297
140	521	176	0.012	219.438	627.892	133.313	145.108	61.869	36.256	90.584	15.739	42.656	14.495
141	523	18	0.001	203.278	609.222	127.278	150.111	59.778	39.547	86.470	13.221	38.545	14.502
142	531	23	0.002	221.087	612.217	131.565	134.087	66.522	34.176	83.230	14.525	39.022	12.566
143	534	42	0.003	223.929	641.381	136.643	147.024	63.167	23.331	63.774	10.513	38.246	12.548
144	537	10	0.001	219.100	638.800	135.800	150.600	64.400	27.303	69.275	8.651	39.797	13.542
145	541	16	0.001	214.000	584.563	126.188	127.625	65.375	30.279	72.095	12.210	36.777	15.178
146	545	33	0.002	194.303	560.182	123.364	119.212	63.545	40.078	97.571	13.527	47.124	14.682
147	547	11	0.001	204.636	575.909	122.636	126.091	72.545	31.175	60.702	9.047	33.095	11.030
148	551	11	0.001	217.545	628.909	134.273	147.818	61.545	30.277	91.702	15.506	41.223	13.314
149	575	19	0.001	206.684	586.000	127.947	124.947	56.526	34.069	85.982	12.629	41.365	13.806
150	578	15	0.001	193.000	570.333	125.067	116.200	60.800	40.421	91.157	15.420	37.664	14.478
151	611	10	0.001	189.600	551.200	116.400	126.100	55.700	35.812	96.927	20.759	43.475	13.433
152	612	10	0.001	177.200	516.800	110.700	111.300	49.200	37.920	88.648	17.211	37.059	12.118
153	621	13	0.001	196.692	557.538	120.615	118.692	51.308	41.732	83.312	14.869	31.071	14.985
154	623	10	0.001	183.700	539.600	116.100	120.100	59.300	61.001	124.530	19.706	46.753	19.259
155	631	45	0.003	184.333	524.911	112.911	111.311	64.578	32.331	67.335	10.544	34.542	11.081
156	639	53	0.004	184.019	546.472	117.415	120.453	60.038	39.324	86.781	12.852	39.291	12.690
157	640	21	0.001	213.714	611.095	129.143	145.476	68.619	40.722	88.996	14.541	43.995	11.138
158	642	114	0.008	224.553	646.254	132.456	165.649	72.421	32.383	75.783	11.867	37.161	12.636
159	650	10	0.001	205.600	591.200	124.200	139.300	62.700	32.367	91.064	15.135	45.262	18.494
160	661	83	0.006	202.819	559.855	120.458	117.361	60.373	33.292	76.248	11.989	38.939	12.538
161	666	12	0.001	185.250	526.667	115.917	111.917	60.083	37.298	97.740	18.832	35.423	16.099
162	711	144	0.010	208.563	595.694	125.458	140.285	62.778	36.074	90.701	15.043	43.907	13.345
163	712	18	0.001	224.278	640.167	132.611	163.944	68.722	32.199	82.416	13.057	37.052	11.636
164	716	186	0.012	210.769	606.742	125.462	149.048	61.097	35.502	79.863	13.004	38.380	12.694
165	717	253	0.017	200.636	583.336	122.917	138.032	59.296	34.103	82.942	13.810	40.760	13.505
166	721	28	0.002	203.214	582.428	125.286	128.607	59.357	32.121	84.993	14.168	44.584	14.935
167	723	121	0.008	213.397	609.496	126.802	148.008	68.107	37.231	95.659	15.473	44.025	14.166

TABLE M-2a. (continued)

168	724	33	0.002	218.545	609.697	129.121	144.970	62.455	25.495	94.899	21.577	40.082	12.191
169	725	42	0.003	197.786	589.167	126.929	136.119	56.929	37.699	82.022	14.499	39.601	12.328
170	726	75	0.005	204.080	593.120	126.053	136.227	62.907	41.523	85.876	13.197	37.146	14.626
171	727	27	0.002	201.889	572.629	124.000	125.037	61.667	31.212	68.138	11.731	31.009	10.873
172	728	21	0.001	190.238	541.619	116.238	123.762	61.429	47.275	121.750	26.306	38.997	11.107
173	730	437	0.029	205.419	592.435	125.563	137.057	63.160	39.110	91.141	14.248	42.842	13.883
174	731	51	0.003	209.824	594.098	124.824	140.529	69.059	35.181	99.747	18.315	41.470	11.594
175	732	164	0.011	205.640	589.908	124.732	137.762	62.963	35.631	91.642	15.456	41.384	13.871
176	738	16	0.001	174.625	503.375	112.875	98.688	57.063	50.688	115.178	20.376	37.787	18.480
177	741	10	0.001	181.400	515.100	116.600	99.400	57.000	43.877	123.152	20.271	55.040	15.875
178	743	17	0.001	207.118	591.823	126.176	136.412	61.882	29.298	75.009	9.541	42.651	11.693
179	745	18	0.001	191.667	567.389	117.833	130.222	59.278	42.879	92.428	16.202	37.603	15.914
180	746	44	0.003	198.273	562.227	119.523	126.295	57.977	36.861	86.298	14.556	40.557	14.883
181	748	237	0.016	194.122	559.038	120.561	123.316	59.992	38.323	90.240	14.510	40.964	14.088
182	749	50	0.003	196.000	568.420	122.680	127.360	60.980	33.257	82.889	13.543	39.250	13.783
183	758	38	0.003	190.526	541.579	117.053	116.026	61.316	43.690	93.986	14.610	43.976	16.389
184	772	13	0.001	188.308	548.692	119.615	118.000	56.538	36.137	95.064	14.292	45.717	13.302
185	797	27	0.002	186.481	541.333	116.778	119.000	57.926	44.883	99.804	15.024	47.659	16.139
186	798	46	0.003	193.261	565.630	122.435	124.152	58.935	42.598	98.057	15.005	44.818	14.719
187	810	45	0.003	180.044	513.933	112.289	103.933	58.978	40.928	99.219	17.872	36.693	13.808
188	811	93	0.006	198.602	574.333	120.602	137.742	68.925	38.459	84.061	14.735	38.053	13.063
189	812	14	0.001	179.071	535.500	116.643	113.500	61.786	41.394	92.078	11.466	54.548	10.504
190	813	12	0.001	184.250	530.500	114.500	122.250	62.833	61.579	111.273	14.970	41.390	20.471
191	814	19	0.001	205.211	598.368	125.737	145.158	68.316	47.662	111.952	15.459	48.253	16.049
192	820	14	0.001	168.643	484.857	105.857	99.714	61.286	38.137	85.289	13.939	44.901	16.685
193	821	11	0.001	177.818	522.182	111.909	110.727	68.364	32.631	79.889	15.352	36.628	14.023
194	822	15	0.001	180.267	520.000	113.333	113.600	64.067	33.165	95.985	13.162	39.424	11.342
195	828	51	0.003	180.451	527.647	114.980	113.686	65.490	44.896	102.659	17.391	41.231	13.477
196	834	12	0.001	176.917	510.833	114.417	93.917	64.833	37.720	78.828	13.990	26.946	9.889
197	841	147	0.010	216.177	616.633	127.129	151.524	71.401	33.624	83.288	13.183	41.917	12.548
198	843	11	0.001	211.636	614.818	129.818	151.727	70.727	30.513	79.459	11.643	40.866	10.120
199	853	11	0.001	153.182	441.545	102.273	85.636	49.182	48.606	108.723	21.717	36.629	13.022
200	861	18	0.001	163.722	494.722	109.556	103.833	55.333	58.492	131.251	20.703	50.010	17.743
201	864	54	0.004	181.796	524.722	113.148	116.519	59.426	37.459	88.523	14.900	41.431	12.726
202	865	22	0.001	206.727	579.045	122.591	132.818	68.136	37.175	128.030	26.577	45.095	16.688
203	899	29	0.002	184.793	533.931	114.483	123.207	59.069	49.112	121.869	20.604	46.907	18.181
	TOTAL	15087	1.000	192.808	558.584	119.585	126.976	61.367	48.162	116.565	19.215	49.305	15.714

TABLE M-2a. (continued)

#	Career-plan code Q-2-cp-A	N	P	Mean					σ				
				6 C-006	7 C-007	8 C-008	9 C-009	10 C-010	6 C-006	7 C-007	8 C-008	9 C-009	10 C-010
	Cases with no college												
2	001	370	0.025	508.167	236.900	340.327	165.559	181.489	145.590	58.983	87.535	37.146	47.699
3	102	78	0.005	515.756	233.474	338.577	166.795	186.987	115.375	51.736	80.201	32.682	38.861
4	111	29	0.002	496.931	244.000	343.655	176.586	174.448	152.109	51.564	81.222	40.564	55.453
5	112	128	0.008	519.961	236.414	341.430	161.797	192.430	125.011	50.400	76.647	34.082	40.232
6	120	39	0.003	482.641	230.051	327.436	163.179	175.385	115.400	49.075	74.283	36.350	43.840
7	125	68	0.005	606.426	269.206	389.470	178.824	217.515	132.281	49.146	71.730	33.593	52.314
8	222	70	0.005	578.986	268.171	385.200	180.871	201.843	136.912	57.217	85.027	33.728	43.701
9	299	49	0.003	557.490	257.633	375.143	181.388	188.306	134.111	56.713	80.989	42.166	42.405
10	348	10	0.001	412.000	203.100	288.900	147.100	152.800	140.910	62.738	90.496	36.807	49.436
11	521	13	0.001	505.231	241.231	346.461	166.231	176.692	206.326	71.523	117.721	46.408	61.310
12	545	24	0.002	572.292	263.417	376.250	176.750	205.125	139.495	54.496	83.713	34.787	50.387
13	623	12	0.001	478.083	218.333	320.000	160.500	185.667	103.728	41.410	67.598	31.811	39.251
14	631	78	0.005	495.410	225.346	326.654	161.436	187.949	123.357	53.281	79.677	37.322	38.375
15	639	152	0.010	493.158	228.961	330.289	161.717	181.961	133.518	51.413	77.479	40.537	46.178
16	640	30	0.002	484.133	238.767	339.033	165.367	179.100	149.449	62.771	94.925	49.563	44.367
17	641	23	0.002	553.000	243.261	355.869	170.870	205.696	157.607	62.085	95.899	34.223	41.591
18	661	107	0.007	505.532	240.393	345.813	168.776	179.336	135.156	54.748	80.740	36.408	46.369
19	666	36	0.002	476.778	221.361	314.694	157.861	178.028	130.038	54.525	82.902	39.498	45.330
20	669	10	0.001	465.600	213.800	315.000	161.400	161.500	107.904	46.106	71.624	33.514	38.859
21	711	41	0.003	538.854	247.878	361.976	174.122	182.415	128.812	54.829	81.827	42.461	42.566
22	716	14	0.001	568.071	263.571	384.857	179.429	190.857	164.491	70.229	105.205	36.021	54.243
23	717	51	0.003	525.784	244.804	355.863	172.608	174.235	120.126	51.266	76.400	34.302	46.112
24	721	12	0.001	601.917	266.333	395.000	192.417	205.000	124.893	47.421	74.722	36.069	52.058
25	723	14	0.001	656.071	305.357	429.500	197.786	225.071	198.290	73.324	120.995	38.553	47.758
26	730	91	0.006	556.374	254.780	370.121	184.879	192.912	127.397	54.475	78.268	37.219	47.267
27	732	43	0.003	529.767	254.628	365.930	178.186	185.070	108.561	45.376	64.415	30.452	41.330
28	738	37	0.002	536.324	245.730	355.838	175.541	193.946	133.349	50.388	75.554	36.682	48.746
29	741	18	0.001	454.944	225.889	320.555	157.611	172.167	182.364	63.919	103.757	47.349	56.019
30	746	26	0.002	542.808	243.269	354.731	185.577	182.346	127.447	55.521	79.503	40.032	49.644
31	748	94	0.006	514.840	234.798	340.010	164.149	189.936	138.477	55.569	78.577	33.377	49.329
32	749	13	0.001	593.923	275.615	399.769	204.846	202.000	121.027	36.103	54.092	34.263	45.956
33	758	59	0.004	495.627	235.254	344.373	167.220	167.085	131.244	56.558	79.980	35.444	48.944
34	769	15	0.001	509.933	227.067	327.733	172.333	185.067	110.826	40.837	59.068	24.118	49.989
35	791	11	0.001	478.727	240.818	341.000	170.818	175.545	155.746	63.521	96.126	47.459	64.333
36	796	13	0.001	563.077	261.461	377.461	179.154	186.154	171.506	59.257	93.006	36.288	52.080
37	797	81	0.005	485.555	228.383	330.926	163.395	164.420	140.195	51.629	79.562	37.748	52.495
38	798	14	0.001	542.286	256.000	369.000	175.214	192.571	148.673	52.757	82.395	33.751	43.996
39	810	166	0.011	533.265	244.705	351.488	165.157	199.265	143.597	57.282	85.254	38.568	47.248
40	811	172	0.011	620.157	277.971	401.227	183.744	223.058	135.880	51.785	76.974	35.660	45.458
41	812	38	0.003	570.105	251.000	369.895	167.711	208.737	139.647	46.091	74.184	31.372	43.505
42	813	41	0.003	588.658	265.341	381.829	181.341	211.439	126.422	47.124	72.771	32.682	38.590
43	814	24	0.002	570.958	254.000	364.000	174.167	216.750	115.015	43.460	68.914	32.298	39.964
44	820	119	0.008	523.798	232.227	333.605	160.773	199.462	137.513	52.521	79.769	33.272	44.714
45	821	101	0.007	521.297	228.505	331.040	159.356	198.376	136.484	56.172	86.430	36.039	51.075
46	822	86	0.006	508.825	236.419	336.953	160.081	193.081	114.947	48.686	72.132	34.333	41.645
47	824	21	0.001	513.381	232.619	341.286	158.571	191.619	119.216	36.743	56.196	27.034	40.988
48	828	227	0.015	553.163	247.467	359.282	170.079	201.974	138.945	51.661	76.196	35.254	45.524
49	832	57	0.004	481.631	217.632	313.316	155.263	180.035	148.164	56.559	83.633	38.397	48.862
50	833	110	0.007	480.482	220.636	315.782	156.782	183.082	121.151	46.495	69.760	32.114	47.987

TABLE M-2a. (continued)

51	834	54	0.004	445.926	209.426	298.018	147.944	173.926	142.070	50.384	78.424	34.750	54.285
52	835	73	0.005	494.493	233.342	330.109	156.055	182.288	148.195	58.046	89.047	36.761	47.872
53	836	33	0.002	478.333	221.879	316.667	155.909	182.303	126.556	53.159	80.618	35.049	42.153
54	837	34	0.002	528.265	238.353	343.470	162.853	188.235	128.812	49.061	73.926	31.760	48.831
55	841	27	0.002	614.889	274.000	393.704	178.296	223.370	121.794	49.567	77.663	28.265	34.324
56	852	16	0.001	456.750	203.625	298.000	150.750	168.250	156.445	62.744	89.315	43.835	42.795
57	853	80	0.005	476.012	223.563	315.337	157.625	181.550	129.697	48.391	75.790	32.731	47.283
58	861	88	0.006	514.227	238.648	340.716	165.386	184.989	139.977	54.694	82.966	35.260	44.411
59	863	14	0.001	546.571	262.428	372.857	170.286	187.071	121.849	60.688	83.604	37.995	38.852
60	864	81	0.005	554.629	251.975	360.494	171.827	205.877	143.272	52.572	79.889	36.956	47.188
61	865	16	0.001	542.563	251.625	354.125	186.813	203.313	162.737	50.439	84.958	40.130	53.706
62	881	18	0.001	443.722	204.389	295.278	145.111	153.278	140.988	61.156	92.406	43.149	42.742
63	885	29	0.002	498.379	228.897	329.172	159.517	178.276	141.207	52.971	81.574	34.811	46.896
64	892	27	0.002	421.148	200.074	282.667	139.148	152.000	110.909	47.450	69.653	37.690	38.269
65	893	15	0.001	540.067	248.067	360.333	178.333	184.200	137.467	59.494	85.457	32.603	48.081
66	899	287	0.019	472.024	221.777	317.637	157.303	172.178	134.515	53.535	80.482	35.474	47.359
	Cases with **some** college												
68	001	383	0.025	672.958	315.493	453.598	208.775	216.225	135.106	58.536	83.580	37.157	44.810
69	101	56	0.004	683.875	319.303	459.982	211.268	209.857	141.993	62.702	89.627	39.533	47.780
70	102	25	0.002	629.480	283.880	413.800	196.320	211.160	119.419	56.044	77.322	33.422	50.048
71	111	22	0.001	621.091	297.727	435.454	205.864	201.045	125.542	56.281	81.476	37.067	42.150
72	112	129	0.009	635.907	294.155	425.209	194.977	212.457	140.626	57.317	82.920	40.481	48.056
73	120	125	0.008	640.264	301.192	435.880	201.488	207.432	134.577	61.810	86.469	36.967	46.999
74	121	16	0.001	628.375	301.813	429.313	199.875	209.625	86.573	34.985	49.695	28.950	37.601
75	124	17	0.001	651.235	304.059	443.000	212.176	210.529	153.082	60.672	84.644	41.197	47.712
76	125	47	0.003	656.596	299.468	430.191	191.234	229.170	131.393	55.034	78.251	38.818	39.094
77	211	46	0.003	736.348	357.087	509.696	230.935	226.826	124.482	53.403	69.647	29.927	50.447
78	212	10	0.001	774.700	361.900	511.700	234.100	238.800	132.009	73.849	106.499	39.948	38.075
79	221	57	0.004	771.596	367.456	523.281	229.702	238.789	136.787	49.605	74.021	35.406	49.537
80	222	110	0.007	711.200	331.900	477.155	218.055	222.291	148.471	59.286	84.751	37.639	54.513
81	229	31	0.002	788.968	352.290	507.581	231.935	244.774	133.833	63.954	83.315	34.471	50.991
82	230	19	0.001	792.210	372.789	525.421	230.789	256.895	138.007	66.586	93.807	38.882	39.479
83	231	107	0.007	785.261	368.243	522.990	230.636	248.336	129.439	55.789	77.498	33.507	44.212
84	232	65	0.004	860.646	394.308	563.692	244.923	276.185	92.281	39.077	51.097	27.868	32.410
85	234	23	0.002	804.435	372.739	527.087	223.348	262.782	107.735	47.200	69.755	30.882	32.561
86	240	278	0.018	786.147	359.852	515.334	227.209	251.216	120.977	50.582	71.777	35.498	41.523
87	241	101	0.007	754.109	351.624	501.703	220.218	240.069	118.604	44.734	64.477	34.007	39.573
88	242	257	0.017	776.447	353.984	504.623	220.222	256.552	125.907	53.385	76.405	38.098	43.157
89	243	149	0.010	768.631	351.074	503.987	222.866	248.121	117.872	50.628	70.799	34.457	41.960
90	244	43	0.003	781.535	364.046	518.465	225.209	253.674	103.181	42.775	57.785	28.264	40.739
91	245	53	0.004	791.698	369.434	527.509	235.943	250.774	86.017	43.594	57.130	27.971	33.260
92	250	76	0.005	763.210	349.987	500.829	226.763	244.947	127.547	55.864	79.603	36.465	39.509
93	299	52	0.003	638.481	301.346	430.808	194.962	207.846	139.558	56.703	81.871	42.212	44.903
94	310	54	0.004	731.815	338.852	482.259	224.778	237.056	134.748	52.365	79.757	34.282	38.754
95	313	33	0.002	678.667	310.121	453.030	203.939	220.242	118.895	51.746	69.471	28.434	40.602
96	314	46	0.003	708.696	331.761	477.456	213.761	229.239	119.119	52.202	71.366	31.232	41.212
97	316	10	0.001	804.000	373.700	528.300	229.400	251.100	126.284	40.918	56.746	24.033	39.618
98	317	12	0.001	780.333	357.583	509.917	233.000	245.917	149.339	60.873	79.845	38.362	42.308
99	329	211	0.014	796.881	382.133	544.967	245.991	238.820	117.491	45.367	66.379	33.743	43.979
100	332	97	0.006	734.021	355.237	504.845	225.742	225.309	111.559	43.156	57.928	32.770	42.975
101	333	30	0.002	746.433	342.000	495.467	218.067	233.167	90.844	42.729	59.762	25.263	40.269
102	335	91	0.006	694.406	330.604	473.791	214.286	218.176	127.609	48.360	72.540	36.667	47.884
103	336	14	0.001	692.500	332.857	472.857	205.357	214.786	132.260	47.021	62.060	31.136	52.813
104	348	21	0.001	552.809	264.000	372.476	171.667	187.810	153.149	63.466	95.326	41.999	48.819
105	350	14	0.001	632.500	306.571	446.000	209.929	192.643	163.316	69.901	91.650	44.472	46.391
106	360	100	0.007	723.150	346.530	495.930	230.330	216.940	113.129	47.881	67.923	31.500	46.011
107	370	66	0.004	634.424	308.500	444.530	208.394	196.106	143.204	56.395	83.111	38.432	48.386
108	372	11	0.001	648.182	315.636	448.909	211.364	202.727	115.277	36.689	50.463	25.959	48.654

TABLE M-2a. (continued)

#	GROUP	N	P	Mean					σ				
				6 C-006	7 C-007	8 C-008	9 C-009	10 C-010	6 C-006	7 C-007	8 C-008	9 C-009	10 C-010
109	373	42	0.003	643.238	307.095	444.095	211.405	203.929	136.127	61.272	86.932	36.494	43.467
110	382	34	0.002	709.353	340.588	489.412	217.559	225.206	116.612	57.555	76.342	33.251	41.346
111	389	32	0.002	707.094	334.813	477.688	222.031	213.938	135.516	49.341	70.970	33.209	54.995
112	391	16	0.001	671.125	324.438	466.063	220.938	202.625	139.867	69.737	97.872	47.855	54.875
113	392	24	0.002	788.042	373.333	532.917	242.083	243.417	172.828	59.556	82.621	40.662	60.217
114	393	372	0.025	755.562	359.780	518.043	236.021	225.113	119.003	49.606	68.379	33.172	43.600
115	394	15	0.001	674.200	316.200	456.600	208.267	208.067	117.019	54.562	75.990	29.748	45.974
116	397	17	0.001	706.176	326.000	470.353	216.647	219.588	166.426	63.753	93.935	39.991	53.731
117	398	23	0.002	736.130	348.261	500.956	222.261	231.913	101.210	43.160	64.670	28.262	44.098
118	400	485	0.032	652.272	310.975	446.571	207.511	206.049	140.839	57.875	83.127	36.797	48.553
119	412	53	0.004	619.472	296.170	422.811	202.679	199.434	147.201	55.997	84.586	36.892	50.643
120	420	102	0.007	675.872	316.343	457.794	212.225	212.598	134.890	59.543	81.429	36.443	48.064
121	421	65	0.004	685.831	335.954	481.154	215.185	210.369	99.028	42.937	59.517	33.479	37.494
122	422	70	0.005	712.600	335.271	476.757	211.171	228.486	168.429	60.520	88.600	37.995	55.606
123	423	87	0.006	641.299	310.816	447.919	206.540	201.253	139.925	51.688	75.756	35.139	48.551
124	424	42	0.003	685.809	331.500	474.786	226.048	204.952	110.466	49.387	70.599	36.338	39.872
125	425	16	0.001	619.688	327.563	465.938	217.813	172.125	123.886	50.754	78.543	31.113	44.237
126	426	14	0.001	652.000	306.000	445.286	209.286	192.643	123.926	56.382	72.894	37.279	37.932
127	428	50	0.003	621.680	280.680	404.360	186.660	220.600	148.321	53.271	84.575	39.269	42.576
128	429	57	0.004	581.316	276.105	396.105	192.772	188.737	135.291	56.444	82.898	38.895	42.890
129	431	12	0.001	646.083	301.750	434.583	205.083	219.583	101.304	37.354	60.149	42.830	30.189
130	432	34	0.002	660.500	315.206	451.500	217.618	206.265	139.424	60.918	80.864	36.054	58.408
131	440	12	0.001	682.750	319.833	465.667	211.917	201.750	112.530	55.791	73.363	37.061	56.752
132	450	45	0.003	637.378	312.422	446.467	207.511	189.800	126.484	57.248	83.874	43.262	40.791
133	460	231	0.015	740.476	352.636	507.675	231.346	225.351	133.238	54.432	75.480	36.929	47.682
134	461	32	0.002	831.906	402.500	571.563	251.938	249.625	99.228	40.023	54.308	27.715	44.928
135	462	55	0.004	817.582	382.000	543.563	240.945	254.818	133.431	46.251	62.123	36.788	46.873
136	463	89	0.006	743.865	362.640	521.629	234.843	215.157	113.672	45.376	60.354	31.375	49.006
137	464	55	0.004	757.691	367.545	524.273	242.273	225.473	156.830	61.266	86.658	43.663	53.557
138	470	16	0.001	715.188	342.188	491.188	231.375	206.500	107.554	44.544	62.925	32.321	38.012
139	511	11	0.001	671.454	328.000	472.182	233.091	192.636	198.510	61.974	90.807	49.188	69.865
140	521	176	0.012	692.858	329.688	476.926	231.477	208.472	135.790	57.919	81.564	38.546	47.274
141	523	18	0.001	649.389	326.222	462.111	218.500	200.556	133.033	51.055	78.610	43.131	46.960
142	531	23	0.002	699.261	327.565	473.652	228.304	217.913	118.635	48.744	71.068	39.015	44.739
143	534	42	0.003	715.309	341.571	492.762	241.714	207.143	108.558	48.212	63.524	25.706	45.601
144	537	10	0.001	700.900	343.200	493.600	233.400	203.400	126.872	37.383	55.219	23.500	46.333
145	541	16	0.001	673.500	311.938	455.438	206.750	226.688	108.300	53.331	71.153	27.494	48.242
146	545	33	0.002	637.969	295.788	421.182	200.939	229.424	146.512	56.403	84.732	38.969	45.769
147	547	11	0.001	705.454	310.909	443.091	212.909	248.091	85.840	34.329	49.101	24.222	34.912
148	551	11	0.001	680.909	334.545	473.818	236.091	214.545	120.284	62.364	84.266	33.267	42.231
149	575	19	0.001	637.631	306.210	440.842	216.947	195.632	129.048	47.412	73.580	34.942	52.334
150	578	15	0.001	632.400	291.933	419.267	204.400	208.467	129.802	58.605	84.586	39.491	49.301
151	611	10	0.001	605.200	281.400	412.800	197.000	189.900	145.599	69.301	91.159	50.892	38.368
152	612	10	0.001	535.700	261.200	381.000	182.900	170.200	113.011	59.101	81.899	27.974	35.829
153	621	13	0.001	576.385	289.308	418.385	205.769	174.385	124.813	54.033	75.345	43.126	42.130
154	623	10	0.001	604.100	279.700	405.500	193.000	191.100	181.645	73.039	114.058	53.568	56.068
155	631	45	0.003	606.444	271.089	396.422	174.667	217.689	109.441	47.392	61.857	21.793	32.406
156	639	53	0.004	608.897	280.415	407.245	189.509	200.906	132.370	56.574	78.998	35.109	37.898
157	640	21	0.001	711.333	329.476	473.381	216.524	231.524	122.001	57.328	79.258	41.325	36.445
158	642	114	0.008	763.254	354.377	506.710	225.474	244.158	123.463	46.220	64.940	33.418	44.413
159	650	10	0.001	660.20	[illegible]	451.100	204.500	213.700	134.334	56.449	83.700	26.505	59.266
160	661	83	0.006	630.845	[illegible]	426.927	197.566	203.072	110.922	46.225	66.866	33.384	42.754
161	666	12	0.001	588.417	281.500	405.000	183.833	202.167	143.259	64.094	89.605	35.324	51.830
162	711	144	0.010	667.180	316.597	457.792	210.972	209.583	129.203	57.897	81.676	37.746	46.461
163	712	18	0.001	734.389	348.667	502.444	226.056	227.556	126.140	49.702	66.906	41.711	39.028
164	716	186	0.012	675.624	318.548	461.570	209.183	208.957	122.530	50.805	72.023	35.665	41.229
165	717	253	0.017	640.779	305.680	442.692	205.237	201.328	125.046	52.505	73.513	34.948	46.605
166	721	28	0.002	655.607	300.143	435.857	202.286	208.036	129.173	57.323	76.798	34.289	46.584
167	723	121	0.008	707.545	327.331	471.744	214.058	227.636	145.661	60.176	85.315	36.650	48.143

TABLE M-2a. (continued)

168	724	33	0.002	691.969	332.394	478.394	220.091	203.606	113.717	53.833	74.611	39.779	43.611
169	725	42	0.003	626.690	310.857	444.857	217.048	190.524	120.888	49.494	72.463	32.577	40.074
170	726	75	0.005	670.307	311.613	450.067	212.480	212.547	146.625	51.205	75.522	36.834	52.974
171	727	27	0.002	639.926	298.333	435.518	203.963	211.889	100.125	39.268	59.470	34.765	37.519
172	728	21	0.001	633.714	291.095	416.809	194.476	204.286	126.137	52.409	83.294	48.739	41.477
173	730	437	0.029	667.719	313.719	452.441	209.897	212.952	137.506	56.677	81.727	37.702	47.599
174	731	51	0.003	692.353	320.117	461.176	209.510	228.000	126.966	55.029	79.424	39.193	41.006
175	732	164	0.011	668.756	312.646	450.268	207.055	214.299	128.016	56.099	79.896	35.637	46.275
176	738	16	0.001	564.500	268.375	383.750	181.375	196.063	160.494	66.721	100.693	43.443	51.747
177	741	10	0.001	534.600	272.000	390.600	181.200	185.800	162.705	67.399	106.015	42.812	53.989
178	743	17	0.001	658.353	319.765	458.823	204.824	209.647	100.675	46.038	67.267	27.396	30.504
179	745	18	0.001	636.389	290.000	419.444	197.556	198.833	144.319	64.299	88.728	37.926	54.540
180	746	44	0.003	626.136	292.909	426.909	201.114	196.500	138.139	52.318	77.892	34.563	48.038
181	748	237	0.016	623.388	292.004	421.278	196.595	203.181	134.771	56.501	81.142	38.359	46.201
182	749	50	0.003	642.380	300.280	432.080	200.500	204.780	118.370	52.513	75.808	36.607	45.338
183	758	38	0.003	621.237	285.316	409.526	185.526	207.500	152.578	60.726	88.790	38.699	53.276
184	772	13	0.001	603.308	283.538	409.077	191.462	187.231	139.228	60.124	85.164	35.781	44.387
185	797	27	0.002	597.481	280.555	409.074	187.444	197.222	159.191	60.001	85.429	38.576	56.599
186	798	46	0.003	625.435	300.848	431.065	202.174	195.717	146.798	60.754	87.366	38.797	51.052
187	810	45	0.003	581.178	264.000	381.955	181.867	204.467	125.002	55.062	76.664	35.330	44.870
188	811	93	0.006	677.570	307.591	440.172	196.398	235.097	120.238	53.637	76.708	36.633	39.705
189	812	14	0.001	606.500	278.786	397.214	191.786	211.714	133.887	53.878	81.468	34.532	38.193
190	813	12	0.001	607.000	281.750	407.083	175.000	212.083	199.103	62.752	96.210	45.933	71.486
191	814	19	0.001	699.947	319.684	458.421	201.000	236.579	165.023	72.705	105.564	35.842	49.187
192	820	14	0.001	565.357	252.786	361.643	166.571	206.000	144.131	66.474	90.911	20.975	50.086
193	821	11	0.001	622.364	272.636	390.273	174.182	230.182	91.864	45.414	73.844	36.375	50.898
194	822	15	0.001	610.067	282.667	395.067	189.067	216.000	130.611	48.267	76.475	37.735	41.954
195	828	51	0.003	623.784	276.353	394.823	185.118	224.627	145.943	59.823	88.041	39.131	43.405
196	834	12	0.001	598.333	260.833	374.333	188.667	225.667	105.198	39.275	56.071	25.134	31.696
197	841	147	0.010	732.680	332.748	479.156	217.252	243.027	124.883	51.716	73.872	36.213	40.734
198	843	11	0.001	722.818	338.454	478.636	219.273	241.091	103.441	51.434	79.479	30.282	25.986
199	853	11	0.001	476.909	229.273	325.636	154.455	175.909	132.103	58.215	93.880	43.878	34.416
200	861	18	0.001	546.889	260.667	367.778	171.778	189.944	185.758	65.090	104.854	44.912	62.918
201	864	54	0.004	597.704	275.278	393.574	181.778	209.778	127.294	53.174	75.090	36.547	45.861
202	865	22	0.001	682.500	311.636	448.545	202.682	230.227	163.250	72.067	99.740	45.039	56.573
203	899	29	0.002	591.552	284.276	407.241	179.828	198.034	174.734	78.977	114.715	50.520	59.016
	TOTAL	15087	1.000	631.326	295.205	424.276	197.428	208.660	165.936	72.239	104.061	44.752	51.562

TABLE M-2a. (continued)

#	Career-plan code Q-2-cp-A	N	P	Mean 11 C-011	Mean 12 C-012	σ 11 C-011	σ 12 C-012
	Cases with no college						
2	001	370	0.025	37.232	245.286	10.207	70.682
3	102	78	0.005	39.346	248.577	8.203	60.021
4	111	29	0.002	35.207	235.310	11.669	68.284
5	112	128	0.008	39.922	254.789	9.078	59.885
6	120	39	0.003	36.590	235.385	9.508	61.912
7	125	68	0.005	45.162	299.970	11.115	65.471
8	222	70	0.005	41.400	280.257	10.035	70.383
9	299	49	0.003	38.857	263.592	9.289	66.172
10	343	10	0.001	32.700	197.900	11.804	66.432
11	521	13	0.001	35.462	248.385	12.712	95.467
12	545	24	0.002	42.583	272.042	11.166	72.140
13	623	12	0.001	38.417	232.583	8.702	45.676
14	631	78	0.005	39.372	244.410	8.476	56.833
15	639	152	0.010	37.724	244.243	9.833	64.123
16	640	30	0.002	36.367	241.567	10.091	68.872
17	641	23	0.002	41.826	262.391	10.395	71.931
18	661	107	0.007	37.495	243.486	10.053	64.410
19	666	36	0.002	36.333	231.583	9.624	62.810
20	669	10	0.001	33.300	216.500	8.233	42.451
21	711	41	0.003	37.390	254.878	9.557	61.569
22	716	14	0.001	38.429	278.143	11.106	92.322
23	717	51	0.003	36.039	250.569	9.689	66.478
24	721	12	0.001	41.500	278.000	12.034	58.560
25	723	14	0.001	46.500	326.714	10.523	96.331
26	730	91	0.006	39.626	264.396	9.953	64.195
27	732	43	0.003	38.070	257.511	9.262	61.327
28	738	37	0.002	39.919	261.162	10.248	63.379
29	741	18	0.001	35.778	229.000	11.238	85.140
30	746	26	0.002	37.000	247.462	10.778	64.367
31	748	94	0.006	39.468	250.872	10.398	70.401
32	749	13	0.001	41.538	278.615	9.501	56.375
33	758	59	0.004	33.932	230.339	10.036	67.865
34	769	15	0.001	39.067	235.000	11.701	56.125
35	791	11	0.001	35.636	233.364	14.726	71.444
36	796	13	0.001	38.231	271.692	11.107	80.216
37	797	81	0.005	34.247	229.123	11.561	73.250
38	798	14	0.001	40.571	261.857	9.890	66.179
39	810	166	0.011	41.675	265.181	9.969	68.532
40	811	172	0.011	46.285	305.192	10.244	68.303
41	812	38	0.003	44.632	286.342	9.744	63.005
42	813	41	0.003	43.317	286.049	8.095	56.199
43	814	24	0.002	45.458	290.500	9.353	55.820
44	820	119	0.008	41.361	258.403	9.710	66.534
45	821	101	0.007	41.545	254.535	11.010	71.347
46	822	86	0.006	40.523	251.977	9.234	56.146
47	824	21	0.001	39.143	250.143	8.089	47.286
48	828	227	0.015	41.714	268.811	9.788	66.700
49	832	57	0.004	37.298	234.842	10.615	68.568
50	833	110	0.007	37.745	234.873	10.404	60.623

TABLE M-2a. (continued)

51	834	54	0.004	36.278	224.741	11.366	61.297
52	835	73	0.005	38.068	246.822	10.276	69.419
53	836	33	0.002	38.364	236.697	8.895	58.748
54	837	34	0.002	39.029	255.000	10.452	64.865
55	841	27	0.002	47.296	306.370	7.086	60.509
56	852	16	0.001	33.875	215.125	9.542	66.336
57	853	80	0.005	37.862	232.775	10.250	60.792
58	861	88	0.006	38.102	244.500	10.029	67.283
59	863	14	0.001	38.429	268.928	7.803	60.336
60	864	81	0.005	42.086	273.296	10.709	70.460
61	865	16	0.001	40.750	257.688	11.446	72.744
62	881	18	0.001	31.111	211.667	9.622	58.506
63	885	29	0.002	36.690	238.966	10.191	66.451
64	892	27	0.002	31.667	200.815	7.894	51.853
65	893	15	0.001	36.600	240.133	11.599	81.426
66	899	287	0.019	35.530	229.105	10.297	66.707
	Cases with some college						
68	001	383	0.025	44.580	329.527	9.755	74.063
69	101	56	0.004	44.071	337.196	10.735	76.161
70	102	25	0.002	43.320	304.960	10.629	73.947
71	111	22	0.001	41.182	307.409	9.698	74.503
72	112	129	0.009	43.930	313.248	9.698	73.292
73	120	125	0.008	43.248	316.016	10.030	73.929
74	121	16	0.001	43.125	308.313	9.077	54.382
75	124	17	0.001	43.353	314.823	9.598	82.837
76	125	47	0.003	48.021	333.213	8.816	67.872
77	211	46	0.003	45.413	378.282	11.608	70.916
78	212	10	0.001	48.200	391.900	8.053	72.915
79	221	57	0.004	49.632	399.842	10.405	66.495
80	222	110	0.007	45.345	354.927	11.974	83.961
81	229	31	0.002	50.710	391.129	10.117	74.586
82	230	19	0.001	52.895	406.210	8.812	81.515
83	231	107	0.007	51.757	403.280	10.195	72.325
84	232	65	0.004	57.077	446.446	7.781	45.888
85	234	23	0.002	55.043	415.913	7.553	53.372
86	240	278	0.018	51.633	398.176	9.412	65.121
87	241	101	0.007	49.228	385.604	8.823	58.650
88	242	257	0.017	53.381	400.408	9.518	67.824
89	243	149	0.010	50.913	390.470	9.295	65.615
90	244	43	0.003	52.558	402.442	8.686	52.550
91	245	53	0.004	51.566	406.811	7.883	51.921
92	250	76	0.005	49.382	377.579	9.548	69.105
93	299	52	0.003	42.942	316.192	9.942	70.358
94	310	54	0.004	43.463	358.148	8.429	70.652
95	313	33	0.002	45.242	335.091	8.243	65.161
96	314	46	0.003	46.543	356.109	9.060	69.223
97	316	10	0.001	52.900	405.600	9.073	69.009
98	317	12	0.001	51.417	393.333	8.969	76.827
99	[illegible]	211	0.014	49.114	404.393	9.817	61.852
100	332	87	0.006	46.928	374.186	8.243	52.246
101	[illegible]	30	0.002	48.300	377.267	8.495	56.055
102	335	91	0.006	45.505	350.956	10.289	65.552
103	336	13	0.001	44.000	347.786	11.101	68.944
104	348	21	0.001	33.905	275.238	10.616	76.637
105	350	14	0.001	33.571	307.143	9.677	79.291
106	360	100	0.007	44.290	352.900	10.526	65.000
107	370	66	0.004	40.212	308.136	10.844	74.391
108	372	11	0.001	[illegible]	[illegible]	9.974	56.561

TABLE M-2a. (continued)

#	Career-plan code Q-2-cp-A	N	P	Mean 11 C-011	Mean 12 C-012	σ 11 C-011	σ 12 C-012
109	373	42	0.003	41.667	312.190	9.401	74.461
110	382	34	0.002	47.088	359.088	8.996	71.416
111	389	32	0.002	44.344	346.906	12.473	76.288
112	391	16	0.001	41.875	326.563	11.407	75.650
113	392	24	0.002	50.292	393.417	12.609	83.626
114	393	372	0.025	46.309	373.911	9.551	66.349
115	394	15	0.001	43.933	333.866	10.807	70.531
116	397	17	0.001	46.941	345.588	10.750	87.617
117	398	23	0.002	47.130	364.174	9.334	61.603
118	400	485	0.032	42.470	319.243	10.612	76.728
119	412	53	0.004	41.321	300.755	10.797	75.230
120	420	102	0.007	43.647	330.049	10.237	77.784
121	421	65	0.004	42.631	353.646	8.264	51.522
122	422	70	0.005	47.571	361.671	11.614	83.919
123	423	87	0.006	41.575	310.448	11.313	75.138
124	424	42	0.003	42.262	325.643	8.950	62.199
125	425	16	0.001	35.125	303.938	9.032	62.388
126	426	14	0.001	39.786	305.786	9.200	69.830
127	428	50	0.003	45.740	310.160	9.359	68.245
128	429	57	0.004	38.228	274.228	9.042	68.583
129	431	12	0.001	44.167	311.417	7.518	53.841
130	432	34	0.002	42.912	319.676	12.876	85.448
131	440	12	0.001	41.417	320.833	14.228	78.970
132	450	45	0.003	39.756	310.844	9.891	69.129
133	460	231	0.015	46.221	366.294	10.277	71.718
134	461	32	0.002	51.406	432.844	10.438	54.063
135	462	55	0.004	52.582	415.164	9.992	64.327
136	463	89	0.006	44.539	364.798	10.611	68.395
137	464	55	0.004	47.073	378.982	10.880	76.086
138	470	16	0.001	43.688	346.375	6.877	56.730
139	511	11	0.001	39.545	312.909	15.365	98.154
140	521	176	0.012	42.523	330.716	10.581	76.079
141	523	18	0.001	40.500	329.444	10.095	66.672
142	531	23	0.002	45.913	333.652	9.634	68.183
143	534	42	0.003	42.810	336.524	9.256	63.346
144	537	10	0.001	43.200	343.800	10.064	66.593
145	541	16	0.001	45.813	323.750	12.073	60.280
146	545	33	0.002	45.333	309.848	10.606	82.090
147	547	11	0.001	51.545	343.727	8.226	43.385
148	551	11	0.001	42.909	332.454	9.502	69.750
149	575	19	0.001	38.947	294.526	10.606	71.058
150	578	15	0.001	43.200	298.600	10.428	70.299
151	611	10	0.001	38.700	293.200	8.731	71.268
152	612	10	0.001	34.300	258.900	7.646	62.752
153	621	13	0.001	34.538	272.615	9.938	66.537
154	623	10	0.001	40.700	298.000	13.442	93.061
155	631	45	0.003	46.022	305.044	7.563	58.956
156	639	53	0.004	42.340	300.566	8.313	67.772
157	640	21	0.001	48.619	351.333	7.710	61.088
158	642	114	0.008	50.254	382.912	9.762	65.576
159	650	10	0.001	43.100	327.400	13.544	87.625
160	661	83	0.006	42.181	298.482	9.697	63.257
161	666	12	0.001	41.333	292.167	11.773	78.024
162	711	144	0.010	43.313	328.618	9.902	73.687
163	712	18	0.001	47.833	370.111	8.604	64.646
164	716	186	0.012	42.220	332.339	9.192	65.532
165	717	253	0.017	41.158	315.921	10.114	69.643
166	721	28	0.002	42.107	306.678	10.261	76.805
167	723	121	0.008	47.380	352.331	10.460	77.860

TABLE M-2a. (continued)

168	724	33	0.002	41.879	332.333	9.377	64.449
169	725	42	0.003	39.048	306.905	9.208	64.006
170	726	75	0.005	43.853	324.947	11.035	72.732
171	727	27	0.002	43.148	310.037	8.217	52.858
172	728	21	0.001	43.190	308.048	9.266	64.416
173	730	437	0.029	44.062	326.538	10.198	74.167
174	731	51	0.003	48.725	347.706	8.720	62.516
175	732	164	0.011	43.976	326.652	10.065	71.167
176	738	16	0.001	39.625	269.875	11.535	82.758
177	741	10	0.001	39.200	270.400	12.461	87.293
178	743	17	0.001	42.471	322.059	8.315	65.451
179	745	18	0.001	40.889	308.055	11.230	79.173
180	746	44	0.003	39.977	300.227	11.182	74.807
181	748	237	0.016	42.135	303.291	10.256	72.976
182	749	50	0.003	42.720	310.300	9.965	65.380
183	758	38	0.003	43.158	299.974	11.801	85.213
184	772	13	0.001	39.154	287.615	9.136	79.107
185	797	27	0.002	40.963	292.778	12.110	85.229
186	798	46	0.003	40.522	300.956	10.762	77.617
187	810	45	0.003	41.711	280.866	9.443	65.954
188	811	93	0.006	48.946	344.516	9.290	65.067
189	812	14	0.001	43.500	298.857	7.429	78.425
190	813	12	0.001	45.000	310.750	13.922	91.056
191	814	19	0.001	48.105	350.105	10.749	92.792
192	820	14	0.001	44.357	283.571	11.222	87.215
193	821	11	0.001	49.545	315.818	9.853	58.434
194	822	15	0.001	45.533	305.800	9.156	64.948
195	828	51	0.003	47.216	310.157	9.319	72.823
196	834	12	0.001	46.833	288.417	7.872	43.358
197	841	147	0.010	50.204	365.728	9.398	69.915
198	843	11	0.001	49.455	363.909	7.568	57.747
199	853	11	0.001	35.364	233.182	8.824	61.332
200	861	18	0.001	38.889	269.833	13.719	95.615
201	864	54	0.004	42.444	294.796	9.901	68.305
202	865	22	0.001	47.636	337.227	12.416	85.082
203	899	29	0.002	41.103	300.414	12.987	95.354
	TOTAL	15087	1.000	43.069	311.076	11.142	87.544

TABLE M-2b. Means and standard deviations on 12 _a priori_ composites (C-001 through C-012 for purified career plan groups containing at least 10 cases

Grade 11 **females** with 5-year follow-up data

#	Career-plan code Q-2-cp-A	N	P	Mean 1 C-001	Mean 2 C-002	Mean 3 C-003	Mean 4 C-004	Mean 5 C-005	σ 1 C-001	σ 2 C-002	σ 3 C-003	σ 4 C-004	σ 5 C-005
	Cases with _no_ college												
2	001	76	0.005	149.671	469.092	111.092	76.013	34.171	43.904	88.889	17.130	28.777	10.244
3	010	4491	0.282	170.371	503.300	115.938	84.196	36.398	42.919	89.195	16.062	32.154	10.549
4	111	17	0.001	165.765	463.706	106.647	73.588	33.647	45.791	131.512	28.736	32.068	11.269
5	112	16	0.001	163.313	487.125	114.250	75.875	34.875	37.884	72.374	13.284	25.716	9.229
6	120	15	0.001	153.600	470.600	110.200	74.133	30.200	43.490	81.372	17.297	23.305	10.352
7	222	12	0.001	167.167	511.667	115.000	104.917	40.333	38.767	96.120	15.118	37.968	11.578
8	299	10	0.001	153.300	472.800	113.100	80.300	39.700	53.361	120.036	18.776	50.684	10.541
9	337	294	0.018	205.007	599.772	129.949	127.449	45.279	30.643	67.359	12.023	33.637	10.749
10	347	17	0.001	194.471	569.823	125.412	112.471	45.235	37.862	89.378	13.830	35.002	12.194
11	348	83	0.005	174.494	505.590	115.398	87.072	37.855	38.803	99.492	20.325	36.755	12.656
12	523	12	0.001	178.917	528.333	120.167	94.000	39.833	39.794	63.955	9.350	29.338	8.726
13	541	13	0.001	191.692	536.308	121.077	86.308	40.462	38.196	77.778	17.647	24.901	9.930
14	545	15	0.001	186.333	522.400	118.667	90.667	43.867	29.495	70.410	14.715	27.958	8.501
15	717	37	0.002	183.378	527.081	118.649	94.919	37.135	45.279	94.465	15.141	38.342	11.715
16	727	11	0.001	197.636	571.818	125.455	110.091	44.182	41.893	81.312	10.985	42.859	11.339
17	730	15	0.001	174.667	512.200	120.533	85.200	37.200	27.466	63.873	12.906	24.045	7.360
18	741	32	0.002	140.531	444.844	106.281	69.281	32.656	52.942	94.026	17.600	22.184	9.885
19	751	76	0.005	172.329	506.895	115.303	89.934	35.447	37.624	81.955	13.409	33.498	9.343
20	752	24	0.002	160.458	493.500	111.917	89.125	32.917	41.733	94.548	15.452	33.840	10.954
21	755	30	0.002	161.067	481.633	112.600	76.367	35.200	37.769	74.640	13.253	22.405	9.849
22	756	58	0.004	164.741	485.552	110.810	82.052	37.328	47.313	88.362	15.330	29.842	11.384
23	758	46	0.003	165.913	499.217	115.022	86.174	36.109	51.111	106.904	17.832	36.866	11.455
24	761	590	0.037	178.527	520.574	119.214	85.785	36.905	40.542	83.115	15.084	29.436	10.535
25	762	14	0.001	173.786	524.643	117.857	95.143	36.429	54.376	118.498	21.711	37.365	9.036
26	763	18	0.001	189.000	539.444	123.722	86.500	39.222	34.437	54.376	9.904	23.377	11.133
27	764	28	0.002	181.250	529.393	120.714	89.607	36.607	48.663	122.396	25.228	44.357	10.049
28	765	31	0.002	176.065	514.226	118.258	85.871	35.968	33.412	66.354	13.337	24.736	9.576
29	766	52	0.003	154.481	477.519	110.481	79.865	32.712	50.412	95.652	15.374	33.056	11.208
30	769	83	0.005	161.277	486.385	113.771	80.422	34.928	43.366	93.242	15.454	36.898	10.513
31	771	11	0.001	196.545	524.000	118.364	88.818	38.000	34.806	64.597	10.519	22.072	8.832
32	781	15	0.001	139.333	449.467	108.733	70.267	34.000	35.211	75.067	13.724	21.479	8.418
33	789	28	0.002	175.036	519.893	118.143	89.571	35.000	49.934	98.252	18.220	28.792	11.102
34	797	20	0.001	158.300	483.150	111.450	79.350	37.650	47.895	100.489	18.743	29.573	11.320
35	866	10	0.001	189.900	539.600	123.100	92.100	42.500	46.988	76.936	14.708	23.821	9.571
36	868	28	0.002	132.393	427.857	101.000	72.250	29.786	39.254	85.465	16.321	31.167	10.411
37	891	21	0.001	154.524	453.809	105.667	66.762	31.905	47.742	75.265	14.343	17.343	11.562
38	893	177	0.011	153.927	464.254	108.023	75.932	33.390	43.655	84.168	14.905	28.631	9.323
39	894	143	0.009	162.734	489.874	113.203	83.958	36.755	46.368	94.155	16.751	31.633	11.557
40	895	17	0.001	129.471	429.176	104.824	65.059	31.412	55.274	117.215	20.722	35.687	11.270
41	899	57	0.004	126.912	415.070	98.667	67.070	30.246	40.709	92.945	18.573	22.508	9.232
	Cases with _some_ college												
43	001	100	0.006	219.690	632.710	134.980	144.150	48.650	43.035	100.230	15.620	47.461	13.576
44	010	1786	0.112	206.716	597.713	130.340	124.114	44.171	35.977	86.825	14.430	41.349	11.562
45	111	16	0.001	222.563	641.375	137.750	147.750	45.563	40.342	115.044	19.265	54.780	13.520
46	112	18	0.001	187.278	542.333	121.556	112.833	46.944	66.337	160.308	27.056	51.195	17.196
47	120	11	0.001	191.182	559.000	125.182	107.000	43.364	44.167	97.234	17.685	39.205	10.975
48	211	23	0.001	237.478	688.478	139.652	180.130	57.826	30.915	77.075	13.690	35.371	11.758
49	221	15	0.001	236.133	681.333	135.000	180.400	54.667	25.346	62.461	12.530	32.564	10.182
50	222	50	0.003	239.740	687.520	141.500	179.440	53.900	19.826	59.799	11.402	33.451	14.029

TABLE M-2b. (continued)

51	231	18	0.001	234.278	681.944	140.000	176.056	57.333	22.468	50.047	8.885	24.597	10.874
52	299	21	0.001	196.667	583.952	127.857	129.143	49.333	35.964	91.299	14.284	46.406	17.019
53	310	24	0.002	234.958	661.958	138.792	156.667	57.292	25.026	76.325	13.673	45.447	13.886
54	316	14	0.001	226.429	658.857	137.714	154.143	54.143	46.446	109.599	19.696	40.988	13.850
55	317	10	0.001	236.800	690.500	143.000	177.700	54.300	21.596	45.974	8.628	22.376	9.742
56	329	10	0.001	236.200	689.800	145.200	171.300	56.500	25.143	71.937	12.778	36.289	14.081
57	335	16	0.001	223.625	667.125	139.875	164.938	53.563	35.468	76.785	10.475	33.567	11.753
58	337	320	0.020	213.941	614.216	132.637	132.237	48.147	28.493	71.223	12.031	37.313	11.040
59	341	30	0.002	210.900	604.967	128.567	135.400	45.000	26.799	92.833	19.569	38.352	11.785
60	343	16	0.001	221.938	634.000	135.438	142.563	46.938	26.037	68.695	10.250	37.518	10.273
61	344	14	0.001	227.214	668.000	140.714	153.857	57.857	25.487	65.177	8.913	35.727	11.455
62	346	15	0.001	223.800	642.000	139.867	135.000	51.000	31.072	68.482	9.731	35.873	11.784
63	347	80	0.005	217.438	635.150	133.500	150.112	51.850	36.087	80.253	12.761	35.555	11.012
64	348	56	0.004	189.679	551.982	122.571	109.732	43.536	40.147	95.108	15.096	43.919	14.047
65	360	54	0.003	236.537	674.685	142.315	163.389	54.074	23.128	67.025	10.092	38.808	11.464
66	370	193	0.012	209.642	612.508	133.321	133.528	45.471	41.551	92.114	14.603	43.768	12.570
67	371	16	0.001	223.875	645.250	135.313	151.438	51.125	34.754	79.737	11.312	45.284	10.475
68	372	13	0.001	199.846	590.615	128.077	129.692	39.000	39.914	69.468	12.285	37.458	12.247
69	373	43	0.003	221.512	652.860	137.605	153.209	48.419	38.512	83.861	12.462	43.771	12.205
70	393	12	0.001	248.667	697.417	144.083	178.083	54.583	19.961	62.356	10.766	34.731	11.751
71	400	1385	0.087	210.605	613.019	132.687	132.970	44.838	36.707	83.055	13.222	39.987	11.877
72	411	30	0.002	202.867	574.900	127.200	116.567	43.500	34.886	82.083	13.540	44.973	9.299
73	412	630	0.040	205.641	598.156	129.813	127.006	43.552	35.646	82.570	13.769	38.746	10.919
74	420	85	0.005	219.671	629.082	134.776	139.882	49.624	34.836	90.820	15.772	43.065	11.595
75	421	39	0.002	226.308	675.743	138.359	179.205	52.077	36.396	77.693	12.067	33.242	11.777
76	422	35	0.002	221.514	660.171	137.829	162.800	54.714	51.521	98.316	16.092	41.727	15.246
77	423	55	0.003	211.982	614.673	133.800	135.745	47.055	35.045	77.649	11.464	37.148	9.833
78	424	149	0.009	224.758	646.597	139.973	140.114	47.993	33.874	76.262	12.434	38.122	11.873
79	425	50	0.003	230.760	667.280	141.260	157.240	47.220	24.773	68.532	11.607	39.728	11.963
80	426	59	0.004	192.085	559.068	124.508	104.644	39.305	46.438	100.192	17.068	37.361	11.892
81	427	71	0.004	205.563	593.408	128.746	126.239	44.479	33.904	69.345	11.765	36.135	10.873
82	429	59	0.004	195.949	574.407	126.102	122.322	45.271	38.251	82.765	13.954	41.072	12.127
83	431	50	0.003	212.880	615.820	134.920	132.180	48.200	43.605	94.587	14.335	41.424	11.732
84	432	62	0.004	208.339	609.855	132.774	129.581	45.065	32.003	73.928	12.167	38.310	12.536
85	440	73	0.005	208.479	602.342	131.260	127.863	44.356	33.301	77.437	12.144	38.901	11.989
86	441	40	0.003	207.475	601.800	131.675	124.625	45.500	30.456	78.834	11.592	38.653	8.668
87	460	122	0.008	229.844	656.721	139.434	153.713	51.828	29.860	81.947	13.860	42.383	12.248
88	461	12	0.001	241.500	695.417	140.250	191.000	58.500	35.137	74.919	12.084	32.588	12.781
89	462	20	0.001	250.650	718.800	147.550	189.850	65.650	13.153	39.640	7.515	22.051	9.869
90	463	19	0.001	234.053	676.052	144.789	155.632	51.158	26.358	77.638	10.299	43.840	13.897
91	464	38	0.002	240.632	687.342	144.737	165.368	53.500	19.529	56.389	10.085	33.015	11.836
92	465	24	0.002	237.875	686.250	145.542	164.917	53.917	21.692	67.076	9.212	48.606	12.472
93	511	87	0.005	218.034	630.712	136.954	138.586	48.908	41.049	94.065	14.459	42.507	13.046
94	522	27	0.002	215.815	634.259	135.370	139.630	45.444	29.415	80.886	16.298	34.971	14.265
95	523	24	0.002	206.667	601.000	130.792	124.667	43.833	43.970	105.991	16.684	48.077	11.378
96	531	28	0.002	216.179	634.214	138.929	140.000	47.571	43.074	89.801	13.936	44.623	14.653
97	534	26	0.002	228.115	657.846	141.654	142.808	50.308	27.537	69.305	12.342	36.108	13.154
98	537	13	0.001	243.231	690.692	148.538	157.154	52.923	25.050	67.377	9.501	35.641	11.800
99	539	13	0.001	228.692	661.538	143.077	143.923	47.154	27.268	67.306	10.120	33.629	10.024
100	541	29	0.002	224.931	639.103	136.586	145.069	55.103	30.250	74.847	12.952	39.195	11.794

TABLE M-2b. (continued)

#	Career-plan code 0-2-:p-A	N	p	Mean 1 C-001	Mean 2 C-002	Mean 3 C-003	Mean 4 C-004	Mean 5 C-005	σ 1 C-001	σ 2 C-002	σ 3 C-003	σ 4 C-004	σ 5 C-005
101	545	25	0.002	220.880	612.200	135.240	119.960	52.600	29.245	83.886	12.68	2.212	14.268
102	552	10	0.001	206.000	598.500	132.000	120.000	42.500	37.223	80.558	13.646	39.900	11.068
103	575	10	0.001	224.600	654.100	137.100	153.300	50.600	25.674	71.717	14.472	40.675	12.438
104	716	10	0.001	198.000	599.200	130.600	134.700	46.800	54.039	119.164	15.558	53.263	14.421
105	717	46	0.003	204.587	594.804	127.804	129.587	42.761	40.217	92.504	15.843	41.172	13.749
106	722	22	0.001	199.227	582.318	128.591	123.545	39.091	42.285	95.436	15.680	41.501	10.451
107	724	22	0.001	222.000	632.909	137.864	135.409	50.182	26.555	70.870	12.388	36.942	11.595
108	725	12	0.001	197.167	582.167	133.750	107.417	40.667	35.667	64.442	9.097	24.329	5.710
109	726	23	0.001	223.826	632.217	135.652	139.609	51.957	26.817	66.874	11.551	37.720	12.386
110	730	12	0.001	235.000	667.333	140.333	154.250	53.833	23.821	68.311	9.471	36.648	11.715
111	732	15	0.001	211.133	603.600	134.067	125.400	47.467	25.264	50.404	9.361	26.901	12.933
112	751	24	0.002	188.333	556.958	124.250	106.417	40.500	35.434	74.459	11.840	34.297	9.935
113	755	16	0.001	175.250	521.750	118.000	96.000	38.063	41.826	81.384	14.615	29.146	10.810
114	756	12	0.001	195.833	568.917	124.833	110.417	39.833	45.887	101.705	17.346	2.871	13.490
115	758	11	0.001	183.273	547.727	127.091	100.909	41.000	52.184	98.766	14.501	35.461	8.978
116	761	271	0.017	188.181	556.225	125.535	105.528	40.077	40.963	87.799	14.318	38.547	11.714
117	762	12	0.001	197.667	575.500	127.583	111.250	38.333	34.749	65.545	11.008	25.406	8.988
118	763	22	0.001	178.909	553.636	126.682	110.818	40.364	52.755	89.144	13.940	40.576	9.941
119	764	17	0.001	192.294	564.529	125.176	106.882	37.294	44.420	82.603	13.305	39.171	11.894
120	765	17	0.001	194.000	564.706	125.882	107.647	42.647	47.455	114.293	17.589	47.210	14.945
121	766	16	0.001	178.938	521.125	117.938	100.438	39.000	44.710	136.705	26.512	46.860	10.844
122	769	16	0.001	167.688	513.500	115.813	96.938	36.813	42.058	90.626	16.167	34.853	10.986
123	789	10	0.001	183.500	548.500	124.300	105.600	36.900	36.296	85.845	9.978	49.471	7.549
124	798	11	0.001	218.000	624.182	131.818	149.545	40.909	37.385	89.369	17.555	35.342	11.291
125	866	22	0.001	202.409	571.454	127.273	112.091	46.636	38.181	74.834	11.469	34.138	10.957
126	868	13	0.001	213.615	614.923	133.538	130.846	49.462	38.502	90.249	15.208	39.577	11.281
127	871	17	0.001	206.294	607.412	129.353	135.235	46.118	45.744	97.598	16.148	40.583	11.319
128	872	36	0.002	206.083	604.194	130.889	124.833	46.722	38.072	95.875	14.479	46.585	15.475
129	873	17	0.001	207.529	597.117	131.235	125.412	47.353	44.348	96.437	14.927	45.121	9.727
130	893	24	0.002	178.042	523.292	119.167	94.000	41.667	44.958	97.197	15.958	39.283	12.607
131	894	25	0.002	171.680	495.600	111.560	90.880	39.520	45.359	98.298	17.306	37.336	12.764
	TOTAL	15913	1.000	188.730	553.444	123.444	107.303	40.901	46.602	106.974	18.054	44.698	12.561

TABLE M-2b. (continued)

#	Career-plan code Q-2-cp-A	N	P	Mean					σ				
	Cases with no college			6 C-006	7 C-007	8 C-008	9 C-009	10 C-010	6 C-006	7 C-007	8 C-008	9 C-009	10 C-010
2	001	76	0.005	418.829	223.342	319.658	182.921	121.974	116.038	54.266	79.434	42.048	33.257
3	010	4491	0.282	467.738	232.683	343.064	195.613	132.521	120.548	50.127	76.539	39.807	34.974
4	111	17	0.001	434.176	218.412	321.470	186.000	122.235	118.934	57.360	87.465	59.340	34.811
5	112	16	0.001	447.313	224.500	333.375	191.000	126.750	106.424	42.117	67.367	29.904	34.501
6	120	15	0.001	389.533	215.200	316.267	180.933	115.400	107.376	48.929	81.429	33.083	36.709
7	222	12	0.001	498.083	252.750	361.417	193.583	143.500	140.935	54.429	85.086	42.092	36.117
8	299	10	0.001	460.700	235.700	332.900	188.800	137.000	173.756	75.639	111.591	51.611	43.841
9	337	294	0.018	592.619	298.395	435.020	229.803	153.415	100.972	44.666	62.851	30.591	36.160
10	347	17	0.001	571.117	282.412	409.706	217.176	147.000	113.061	50.393	73.743	32.201	36.606
11	348	83	0.005	483.855	239.880	350.385	197.518	133.964	120.920	59.928	82.608	43.832	39.227
12	523	12	0.001	498.417	257.667	369.167	206.917	139.083	105.613	33.524	53.811	27.054	28.014
13	541	13	0.001	524.000	245.462	369.154	212.385	145.769	98.222	56.401	77.028	40.271	27.493
14	545	15	0.001	532.600	256.866	376.200	198.533	161.267	95.165	48.014	60.649	32.748	23.156
15	717	37	0.002	502.243	248.514	366.892	202.811	136.270	135.825	59.095	86.041	39.499	37.550
16	727	11	0.001	572.273	273.727	397.909	224.636	154.182	116.912	51.778	82.092	30.067	34.219
17	730	15	0.001	484.267	247.467	359.467	199.000	137.467	82.477	33.304	43.253	32.630	24.675
18	741	32	0.002	395.531	207.156	298.969	172.750	118.625	123.259	43.804	70.598	43.948	33.009
19	751	76	0.005	469.500	234.474	348.789	195.487	128.671	111.497	47.016	69.193	35.934	31.313
20	752	24	0.002	443.333	226.583	332.167	184.125	120.167	133.259	44.949	74.050	44.122	37.205
21	755	30	0.002	441.433	225.433	327.366	196.200	127.767	108.970	39.607	64.687	34.176	34.167
22	756	58	0.004	466.776	226.569	333.638	183.931	136.431	125.430	50.867	80.385	39.512	39.157
23	758	46	0.003	449.630	233.674	342.326	191.478	130.717	147.727	58.051	91.476	49.045	36.268
24	761	590	0.037	484.288	240.044	355.559	206.066	132.761	115.871	46.584	71.097	37.767	36.027
25	762	14	0.001	489.643	245.571	360.714	209.000	132.857	146.490	59.093	96.926	42.838	36.882
26	763	18	0.001	520.500	246.111	372.667	216.222	140.167	80.985	39.282	50.791	33.686	36.691
27	764	28	0.002	493.393	243.821	358.821	213.679	130.643	145.828	65.291	95.449	51.139	39.376
28	765	31	0.002	467.387	237.419	348.774	203.097	126.677	92.016	45.502	67.190	30.293	30.304
29	766	52	0.003	426.865	219.212	319.058	187.269	123.385	138.304	52.047	84.821	42.564	35.850
30	769	83	0.005	443.494	224.964	328.265	188.048	126.904	131.770	53.367	80.670	38.477	34.546
31	771	11	0.001	500.818	250.909	377.091	205.364	138.091	110.914	29.140	50.111	21.110	34.318
32	781	15	0.001	403.600	215.267	302.600	175.800	119.667	83.093	32.367	54.184	32.790	32.326
33	789	28	0.002	480.178	236.143	352.357	202.607	130.536	144.286	52.082	84.581	46.322	41.747
34	797	20	0.001	456.200	225.700	332.900	183.650	130.250	134.689	50.005	84.345	41.787	38.292
35	866	10	0.001	527.100	261.200	387.800	215.500	146.100	116.841	41.252	65.130	42.914	32.946
36	868	28	0.002	364.286	199.929	287.000	161.321	110.393	99.985	54.718	75.459	36.207	33.158
37	891	21	0.001	408.428	204.048	301.667	169.524	113.857	118.035	48.519	73.270	35.544	33.165
38	893	177	0.011	423.045	213.441	310.785	174.994	124.480	114.433	44.105	70.436	36.957	31.591
39	894	143	0.009	456.566	234.336	340.028	184.720	129.378	129.724	51.659	78.022	40.103	37.192
40	895	17	0.001	372.059	203.471	286.647	159.353	109.353	134.522	64.584	97.963	41.266	33.098
41	899	57	0.004	367.035	192.544	275.456	155.281	111.877	106.657	46.415	72.304	42.203	33.564
	Cases with some college												
43	001	100	0.006	646.230	324.560	471.620	239.910	165.400	148.657	65.356	94.142	40.337	45.162
44	010	1786	0.112	589.665	294.619	431.325	229.596	153.405	124.778	57.373	81.334	36.034	36.991
45	111	16	0.001	639.750	338.938	487.938	244.750	148.813	137.829	67.893	100.164	43.768	44.619
46	112	19	0.001	570.944	280.222	401.000	205.000	162.444	200.337	77.874	122.231	60.575	55.858
47	120	11	0.001	553.727	277.909	404.454	224.818	150.273	143.236	64.499	88.543	46.335	37.280
48	211	23	0.001	733.522	363.739	526.696	256.869	194.435	125.930	52.804	72.170	34.903	39.536
49	221	15	0.001	740.533	350.533	509.733	253.333	193.000	94.417	44.057	63.985	26.224	33.067
50	222	50	0.003	713.600	364.560	529.120	254.300	183.780	116.980	49.687	61.600	27.674	44.656

TABLE M-2b. (continued)

#	Career-plan code Q-2-cp-A	N	p	Mean 6 C-006	7 C-007	8 C-008	9 C-009	10 C-010	σ 6 C-006	7 C-007	8 C-008	9 C-009	10 C-010
51	231	18	0.001	732.333	363.333	523.222	251.278	187.722	93.470	34.808	48.742	24.571	41.528
52	299	21	0.001	595.524	307.428	433.143	219.667	163.190	155.932	68.915	94.207	39.794	53.190
53	310	24	0.002	717.000	350.375	509.792	253.625	190.417	133.764	56.980	77.341	27.659	47.981
54	316	14	0.001	704.143	341.857	494.714	253.714	179.857	160.663	68.082	95.090	46.761	50.041
55	317	10	0.001	709.400	369.900	532.100	251.700	178.000	86.572	30.599	48.036	36.387	34.490
56	329	10	0.001	721.000	367.800	523.600	250.000	183.700	117.145	53.730	76.548	25.223	47.568
57	335	16	0.001	688.000	352.250	505.500	246.875	173.438	131.327	42.784	66.486	28.108	42.769
58	337	320	0.020	621.269	310.959	453.159	233.625	161.366	105.530	48.676	67.354	30.986	35.783
59	341	30	0.002	610.900	306.600	445.533	231.767	161.433	116.493	49.854	67.022	37.218	39.662
60	343	16	0.001	[illegible]	315.688	464.588	246.938	166.313	91.183	37.952	58.373	29.201	39.203
61	344	14	0.001	708.928	344.000	495.714	257.071	196.429	104.624	39.645	58.701	23.467	40.279
62	346	15	0.001	653.400	324.733	472.600	252.533	174.400	116.422	38.867	57.066	19.687	43.223
63	347	80	0.005	654.650	327.462	474.962	236.350	172.975	117.452	49.715	73.323	36.629	35.491
64	348	56	0.004	548.946	275.286	397.393	204.857	149.643	143.028	62.759	90.319	35.292	45.986
65	360	54	0.003	699.704	355.167	515.574	257.944	176.259	105.424	48.826	61.236	[illegible]	44.036
66	370	193	0.012	604.373	312.114	454.052	232.285	[illegible]	136.759	59.981	85.747	[illegible]	[illegible]
67	371	16	0.001	671.188	335.000	486.750	242.313	169.750	111.208	48.182	69.754	31.031	[illegible]
68	372	13	0.001	544.385	293.000	426.231	221.077	130.923	107.242	45.028	70.500	29.803	36.440
69	373	43	0.003	663.977	332.744	483.674	247.070	159.326	140.356	60.417	86.605	33.594	37.880
70	393	12	[illegible]	744.500	371.667	540.500	265.500	187.083	108.868	50.449	67.008	26.586	40.347
71	400	1385	[illegible]	604.441	308.276	449.245	235.682	151.388	125.681	55.105	79.324	34.898	38.608
72	411	30	0.002	557.533	292.733	424.866	221.300	142.767	121.829	57.878	81.316	36.831	31.979
73	412	630	0.040	588.638	296.808	433.786	228.381	148.697	117.482	53.642	76.429	34.487	36.678
74	420	85	0.005	[illegible]	321.741	468.894	241.141	167.941	133.759	59.369	82.574	37.061	34.783
75	421	[illegible]	0.002	693.128	[illegible]	509.205	247.282	175.692	121.790	49.627	72.235	36.135	38.854
76	422	35	0.002	690.057	347.314	499.943	248.057	179.429	160.688	68.179	94.627	41.715	50.017
77	423	55	0.003	619.364	320.782	463.982	229.073	153.673	113.748	48.276	70.193	[illegible]	34.802
78	424	149	0.009	648.262	328.745	478.718	251.188	159.530	124.313	51.790	73.182	31.553	38.012
79	425	50	[illegible]	659.980	342.140	497.980	260.960	161.120	108.172	49.520	65.618	24.439	41.997
80	426	59	[illegible]	527.118	260.017	[illegible]	216.593	140.712	140.179	58.512	86.896	40.734	39.167
81	427	71	0.004	583.211	297.620	432.408	224.056	149.831	113.405	49.947	72.432	31.211	35.695
82	428	59	0.004	571.847	293.068	419.746	220.644	156.593	122.242	54.159	75.953	37.958	39.328
83	431	50	0.003	617.100	[illegible]	458.260	233.840	164.620	132.531	55.897	86.230	41.435	38.432
84	432	67	0.004	593.500	[illegible]	441.790	236.839	154.258	122.526	54.399	76.057	30.929	38.929
85	440	74	0.005	594.835	[illegible]	440.384	233.342	149.808	124.516	53.544	73.481	30.988	39.220
86	441	40	0.003	603.600	304.650	441.300	228.475	149.325	105.668	47.081	69.141	39.896	35.451
87	460	122	0.008	[illegible]	343.115	498.065	248.877	173.648	124.025	57.889	78.258	36.081	39.784
88	461	12	0.001	745.000	371.833	536.167	253.667	198.000	138.368	53.608	80.417	30.862	48.832
89	462	20	0.001	[illegible]	394.700	566.800	267.350	216.600	86.383	25.176	30.980	24.515	35.967
90	463	19	0.001	[illegible]	354.631	512.947	261.158	167.632	132.006	53.358	73.209	29.163	47.459
91	464	38	0.002	714.289	355.342	521.526	259.710	181.737	91.877	49.064	59.544	21.668	39.406
92	465	24	[illegible]	713.042	361.375	520.792	271.125	176.125	118.670	53.293	66.935	20.398	44.369
93	511	97	0.005	633.965	325.000	472.425	243.276	162.862	149.853	59.047	83.979	35.641	46.837
94	522	27	0.002	630.889	319.111	463.111	242.519	153.148	117.440	59.451	82.150	35.630	42.985
95	523	24	0.002	592.833	293.375	430.875	241.500	158.375	152.341	66.356	96.111	42.738	36.543
96	531	[illegible]	0.002	637.321	[illegible]	474.607	239.964	160.107	136.597	55.556	75.555	37.238	47.515
97	534	[illegible]	0.002	665.461	332.615	486.615	254.577	168.115	118.545	47.655	64.777	26.547	40.396
98	537	[illegible]	0.001	709.615	[illegible]	518.385	272.000	175.077	126.853	48.825	66.539	21.909	37.874
99	539	[illegible]	0.001	641.461	333.077	487.846	265.461	162.154	110.259	40.356	56.981	31.574	39.185
100	[illegible]	[illegible]	[illegible]	[illegible]	335.241	493.931	244.483	[illegible]	116.922	57.087	75.710	[illegible]	39.477

TABLE M-2b. (continued)

101	545	25	0.002	640.240	314.160	455.280	242.480	181.560	130.963	64.977	85.243	34.373	46.048
102	552	10	0.001	571.100	291.500	432.500	231.400	145.500	125.270	53.370	79.439	34.413	33.768
103	575	10	0.001	691.700	327.900	476.300	256.600	177.500	94.943	62.671	77.789	34.180	33.636
104	716	10	0.001	602.700	308.100	441.100	219.700	160.100	180.196	64.252	98.653	36.594	46.791
105	717	46	0.003	584.282	292.109	428.717	222.587	153.000	146.365	61.290	86.832	41.750	44.061
106	722	22	0.001	547.500	291.318	421.864	220.091	140.909	137.481	60.271	87.270	39.314	35.324
107	724	22	0.001	655.227	321.909	470.364	250.500	173.409	114.039	51.689	67.809	30.862	41.319
108	725	12	0.001	541.583	292.083	420.750	230.667	138.417	97.240	38.868	60.575	32.726	26.290
109	726	23	0.001	660.696	322.696	472.782	238.087	180.043	112.987	44.779	62.817	26.204	44.146
110	730	12	0.001	700.750	342.250	503.917	251.250	182.250	116.213	49.379	65.453	24.669	29.524
111	732	15	0.001	607.733	310.667	448.533	233.400	162.533	98.671	41.469	50.343	24.587	36.479
112	751	24	0.002	534.250	262.958	390.042	214.583	152.292	103.914	51.915	73.483	35.530	31.421
113	755	16	0.001	482.188	252.000	369.250	192.188	131.250	125.474	48.961	72.651	32.408	37.432
114	756	12	0.001	546.750	268.167	391.500	218.250	141.917	158.793	59.662	88.367	41.602	39.348
115	758	11	0.001	514.091	269.636	393.636	222.727	144.545	120.160	36.404	64.759	41.759	31.684
116	761	271	0.017	525.970	269.435	393.266	215.930	140.354	131.127	53.983	80.609	38.228	37.985
117	762	12	0.001	533.917	265.667	396.333	224.167	140.333	92.371	41.498	65.126	33.919	25.935
118	763	22	0.001	522.636	279.000	396.909	210.500	132.045	128.363	52.365	81.491	40.211	41.375
119	764	17	0.001	524.000	261.353	386.412	227.824	135.647	127.368	51.719	77.959	39.526	42.568
120	765	17	0.001	553.823	272.235	400.000	217.765	153.588	162.934	70.604	102.605	39.493	47.384
121	766	16	0.001	493.125	259.188	376.813	193.125	136.375	141.323	60.518	92.149	47.151	42.387
122	769	16	0.001	469.563	240.625	353.250	191.500	132.438	130.672	53.170	75.544	43.710	34.863
123	789	10	0.001	505.400	265.900	386.900	214.200	132.700	97.028	53.731	80.329	31.685	26.264
124	798	11	0.001	617.909	319.091	464.727	230.273	137.636	130.270	55.808	78.537	37.979	41.115
125	866	22	0.001	582.591	289.727	423.454	222.955	162.864	108.122	41.121	64.783	27.775	32.014
126	868	13	0.001	632.231	309.461	450.846	236.615	175.769	109.055	58.109	81.264	36.379	40.514
127	871	17	0.001	620.353	300.294	442.529	228.118	164.882	131.730	61.814	87.256	43.281	37.512
128	872	36	0.002	605.083	298.389	436.333	228.111	162.028	150.924	65.926	91.986	36.222	44.123
129	873	17	0.001	604.176	300.000	433.647	231.176	167.706	148.207	62.563	96.518	45.767	33.608
130	893	24	0.002	501.042	252.000	368.333	206.583	145.958	136.512	59.143	84.966	44.604	41.846
131	894	25	0.002	484.800	242.560	353.680	182.960	136.040	135.979	59.894	87.350	39.935	42.072
	TOTAL	15913	1.000	533.810	268.649	392.838	213.260	143.310	147.622	67.060	97.550	44.083	40.130

TABLE M-2b. (continued)

#	Career-plan code Q-2-cp-A	N	P	Mean		σ	
				11 C-011	12 C-012	11 C-011	12 C-012
	Cases with no college						
2	001	76	0.005	22.684	178.526	6.818	53.868
3	010	4491	0.282	24.587	193.391	7.059	56.075
4	111	17	0.001	21.824	174.529	6.812	51.602
5	112	16	0.001	23.563	180.500	6.429	48.003
6	120	15	0.001	21.133	164.733	6.885	48.614
7	222	12	0.001	27.083	225.917	8.084	62.254
8	299	10	0.001	26.600	199.400	8.017	77.796
9	337	294	0.018	28.857	263.286	7.497	54.090
10	347	17	0.001	29.118	248.176	7.833	64.360
11	348	83	0.005	25.048	200.639	7.971	67.629
12	523	12	0.001	26.000	213.500	6.000	48.139
13	541	13	0.001	26.923	207.692	6.157	48.970
14	545	15	0.001	29.733	222.267	6.065	47.789
15	717	37	0.002	24.378	206.324	7.664	64.917
16	727	11	0.001	29.636	242.636	7.117	65.019
17	730	15	0.001	24.933	196.800	4.574	39.924
18	741	32	0.002	22.063	167.250	6.242	45.326
19	751	76	0.005	24.211	196.276	6.670	54.316
20	752	24	0.002	21.875	187.875	7.537	61.379
21	755	30	0.002	23.733	181.967	6.888	46.458
22	756	58	0.004	25.500	194.034	7.644	57.920
23	758	46	0.003	23.761	194.500	7.439	65.582
24	761	590	0.037	24.583	196.500	7.283	53.784
25	762	14	0.001	24.357	204.429	6.160	56.906
26	763	18	0.001	26.611	204.167	7.293	41.870
27	764	28	0.002	24.821	199.429	6.837	69.536
28	765	31	0.002	23.710	193.774	6.704	48.745
29	766	52	0.003	22.231	178.000	7.202	60.900
30	769	83	0.005	23.880	185.205	7.013	63.001
31	771	11	0.001	25.091	202.818	6.332	44.551
32	781	15	0.001	22.933	172.267	6.829	41.355
33	789	28	0.002	23.571	194.571	7.559	55.141
34	797	20	0.001	25.600	192.300	8.281	57.321
35	866	10	0.001	27.200	219.600	6.391	48.493
36	868	28	0.002	20.000	161.607	6.722	53.742
37	891	21	0.001	21.095	162.476	7.516	47.981
38	893	177	0.011	22.904	176.102	6.606	48.972
39	894	143	0.009	23.804	194.224	7.821	57.819
40	895	17	0.001	20.000	159.294	7.045	63.062
41	899	57	0.004	20.842	157.807	6.469	45.746
	Cases with some college						
43	001	100	0.006	30.960	290.100	9.543	81.140
44	010	1786	0.112	28.471	256.626	7.653	67.617
45	111	16	0.001	27.563	284.438	10.443	82.451
46	112	18	0.001	31.056	253.667	11.059	95.398
47	120	11	0.001	27.273	237.091	5.694	64.144
48	211	23	0.001	36.826	353.609	8.569	65.147
49	221	15	0.001	35.800	344.400	7.262	54.660
50	222	50	0.003	33.880	341.140	10.163	68.843

TABLE M-2b. (continued)

51	231	18	0.001	36.111	348.055	8.309	49.473
52	299	21	0.001	31.381	277.143	11.694	90.585
53	310	24	0.002	36.208	328.542	9.930	79.039
54	316	14	0.001	34.071	316.571	9.880	77.603
55	317	10	0.001	33.000	340.600	7.775	46.876
56	329	10	0.001	36.000	340.800	10.954	70.695
57	335	16	0.001	33.375	325.625	8.123	60.608
58	337	320	0.020	30.456	276.678	7.674	60.279
59	341	30	0.002	28.867	270.400	8.328	64.184
60	343	16	0.001	30.063	283.375	7.505	57.061
61	344	14	0.001	37.571	327.428	8.392	63.860
62	346	15	0.001	32.933	288.000	8.623	63.128
63	347	80	0.005	32.563	305.662	7.888	59.750
64	348	56	0.004	28.821	240.339	9.303	79.212
65	360	54	0.003	33.963	325.611	8.793	63.972
66	370	193	0.012	28.368	269.943	8.564	72.042
67	371	16	0.001	32.063	304.813	8.394	68.500
68	372	13	0.001	24.692	246.692	9.013	65.449
69	373	43	0.003	30.023	298.465	8.236	73.470
70	393	12	0.001	34.000	341.833	7.640	64.140
71	400	1385	0.087	28.233	267.485	8.005	67.069
72	411	30	0.002	27.300	247.067	6.701	67.153
73	412	630	0.040	27.803	257.663	7.447	62.089
74	420	85	0.005	31.494	288.753	7.646	70.314
75	421	39	0.002	32.795	335.436	8.921	60.383
76	422	35	0.002	34.400	326.943	10.248	83.249
77	423	55	0.003	29.218	276.909	6.607	58.999
78	424	149	0.009	29.906	284.094	8.148	65.230
79	425	50	0.003	29.580	298.900	8.709	64.889
80	426	59	0.004	26.119	222.559	7.726	66.905
81	427	71	0.004	27.901	259.676	7.182	58.778
82	429	59	0.004	29.271	258.135	8.166	68.576
83	431	50	0.003	30.040	276.780	7.642	67.123
84	432	62	0.004	28.694	264.774	8.517	69.428
85	440	73	0.005	28.068	260.931	7.843	66.925
86	441	40	0.003	28.400	261.125	6.574	53.466
87	460	122	0.008	32.320	309.197	8.484	71.293
88	461	12	0.001	38.083	366.500	8.939	68.109
89	462	20	0.001	41.600	386.800	8.426	46.644
90	463	19	0.001	31.105	309.105	9.814	80.382
91	464	38	0.002	34.263	325.868	8.046	59.518
92	465	24	0.002	33.833	326.667	9.178	72.394
93	511	87	0.005	31.000	285.310	9.296	75.260
94	522	27	0.002	28.185	275.963	9.195	67.834
95	523	24	0.002	28.500	256.167	7.277	75.559
96	531	28	0.002	30.071	282.714	10.129	76.475
97	534	26	0.002	32.231	293.731	8.209	65.769
98	537	13	0.001	33.846	315.923	7.459	63.488
99	539	13	0.001	28.692	285.385	6.762	47.114
100	541	29	0.002	35.241	310.379	8.700	68.677

TABLE M-2b. (continued)

#	Career-plan code Q-2-cp-A	N	p	Mean 11 C-011	Mean 12 C-012	σ 11 C-011	σ 12 C-012
101	545	25	0.002	33.280	277.760	9.944	83.944
102	552	10	0.001	29.200	247.500	5.647	69.351
103	576	10	0.001	32.500	305.100	7.920	67.614
104	713	10	0.001	29.900	275.100	9.837	90.988
105	717	46	0.003	27.565	257.869	9.579	73.238
106	722	22	0.001	25.364	240.818	6.448	64.699
107	724	22	0.001	32.682	285.954	7.711	63.767
108	725	12	0.001	25.667	229.417	4.228	37.751
109	726	23	0.001	33.391	295.478	9.263	64.929
110	730	12	0.001	34.583	315.750	7.103	65.491
111	732	15	0.001	30.333	267.800	8.837	54.263
112	751	24	0.002	27.417	227.917	6.520	56.255
113	755	16	0.001	24.375	210.188	8.461	56.629
114	756	12	0.001	26.000	229.917	8.666	76.274
115	758	11	0.001	27.273	223.909	5.918	51.995
116	761	271	0.017	26.284	225.760	7.995	65.716
117	762	12	0.001	25.250	226.250	7.073	39.987
118	763	22	0.001	25.455	231.909	7.639	61.504
119	764	17	0.001	24.471	218.765	7.835	65.307
120	765	17	0.001	28.059	235.588	9.814	85.443
121	766	16	0.001	25.625	217.438	8.123	69.546
122	769	16	0.001	24.375	207.375	7.473	63.253
123	789	10	0.001	24.700	216.300	4.448	65.848
124	798	11	0.001	25.636	272.273	8.453	60.591
125	866	22	0.001	30.136	252.000	7.213	53.842
126	868	13	0.001	32.692	279.231	8.025	63.975
127	871	17	0.001	30.294	273.588	7.744	67.256
128	872	36	0.002	29.889	265.000	10.225	85.659
129	873	17	0.001	30.924	267.470	6.177	69.728
130	893	24	0.002	27.500	219.000	8.346	72.531
131	894	25	0.002	25.720	209.440	8.419	66.648
	TOTAL	15913	1.000	26.697	230.005	8.172	75.254

APPENDIX N

PROPINQUITY ANALYSIS:

RELEVANT NOTATION, FORMULAS, AND AUXILIARY TABLES

Appendix		Page
N-1	Notation Used in Propinquity Analysis	N-2
N-2	Formulas	N-5
N-3	Auxiliary Tables	N-8

Appendix N was planned and developed by Marion F. Shaycoft, who invented the propinquity analyses procedure to which it refers. The rationale for this procedure, and empirical results obtained by applying the method to Project TALENT data, are presented in Chapter 7.

It should be noted that Table N-2 is relevant to biserial and point biserial correlations in general, not merely to those involved in the validation of propinquity indexes; and likewise that Table N-3 is relevant to any product-moment correlations (including point biserials) for which the combination of number of cases and number of independent variables (N and n) corresponds to those for a column of the table.

I. NOTATION USED IN PROPINQUITY ANALYSIS

n = no. of variables (= no. of dimensions)

g = no. of groups

N_j = no. of cases in group j

N = total no. of cases

$$N = \sum_{j=1}^{g} N_j \qquad (1)$$

p_j = proportion of cases in group j

$$p_j = {}^{N_j}/_{N} \qquad (2)$$

$$q_j = 1 - p_j \qquad (3)$$

y_j = normal ordinate corresponding to point of split between p_j and q_j

z_j = normalized standard score corresponding to point of split. (In other words, z_j is a normal deviate score in a unit normal distribution)

X_{ik} = raw score (or normalized score if the variables have been normalized) of individual k on variable i

$i = 1,2,3,\ldots n$
$k = 1,2,3,\ldots N_j$

$\bar{X}_1$ = mean of variable X_i for total group

$$\bar{X}_i = \frac{\sum_{k=1}^{N} X_{ik}}{N} \qquad (4)$$

s_{x_i} = sample standard deviation of variable X_i for total group

$$s_{x_i} = \sqrt{\frac{\sum_{k=1}^{N} (X_{ik} - \overline{X}_i)^2}{N}} \qquad (5)$$

σ_{x_i} = corresponding estimate of population standard deviation

$$\sigma_{x_i} = s_{x_i} \sqrt{\frac{N}{N-1}} \qquad (6)$$

z_{ik} = standard score of individual k on variable i

$$z_{ik} = \frac{X_{ik} - \overline{X}_i}{\sigma_{x_i}} \qquad (7)$$

$$\overline{z}_i = 0 \qquad (8)$$

Note that σ_x not s_x is in the denominator of z_{ik} in this algebraic development.

$$\therefore \quad s_{z_i} = \sqrt{\frac{N-1}{N}} \qquad (9)$$

$$\sigma_{z_i} = 1 \qquad (10)$$

$\overline{X}_{ij}$ = means of variable X_i for group j

$$\overline{X}_{ij} = \frac{\sum_{k=1}^{N_j} X_{ik}}{N_j} \qquad (11)$$

$$i = 1,2,3,\ldots n$$
$$j = 1,2,3,\ldots g$$

$s_{x_{ij}}$ = sample standard deviation of variable i for group j

$$s_{x_{ij}} = \sqrt{\frac{\sum_{k=1}^{N_j} (X_{ik} - \overline{X}_{ij})^2}{N_j}} \qquad (12)$$

$\sigma_{x_{ij}}$ = estimate of population standard deviation of variable i for group j

$$\sigma_{x_{ij}} = s_{x_{ij}} \sqrt{\frac{N_j}{N_j - 1}} \qquad (13)$$

v = linear composite defined by the multiple regression equation for predicting the dichotomous criterion of group membership from the TALENT battery's 109 normalized prediction variables.

U_{ijk} = propinquity component indicating how much like group j individual k is, with respect to variable i.

w_{ij} = weight representing the relevance of component U_i as an indicator of membership of individual in group j.

δ_{jk} = propinquity index for individual k indicating how much like group j he is

P_{jk} = propinquile for individual k corresponding to his propinquity index for group j. The propinquile is a percentile based on the individuals in group j. A propinquile of 100 corresponds to a propinquity index of 0.

r = product-moment correlation (including point biserial r)

R = multiple correlation (including multiple point biserial R)

r' or R'

Point biserial r' (or multiple point biserial R') represents what the value of point biserial r (or multiple point biserial R) would be if the dichotomy were exactly a 50-50 split.

$R_{j.v}$ = multiple point biserial correlation between the dichotomous criterion of group membership and 109 normalized predictor variables from the TALENT battery.

II. FORMULAS

$$U_{ijk} = \left(\frac{z_{ik} - \bar{z}_{ij}}{\sigma_{z_{ij}}} \right)^2 \tag{14}$$

$$= \left(\frac{X_{ik} - \bar{X}_{ij}}{\sigma_{x_{ij}}} \right)^2 \tag{15}$$

$$\delta_{jk} = \sqrt{\sum_{i=1}^{n} w_{ij} \, U_{ijk}} \tag{16}$$

$$\sigma_{z_{ij}} = \frac{\sigma_{x_{ij}}}{\sigma_{x_i}} \tag{17}$$

$$= \frac{\sigma_{x_{ij}}}{s_{x_i}} \sqrt{\frac{N - 1}{N}} \tag{18}$$

Formula for w_{ij}*

$$w_{ij} = w''_{ij} \text{ with negative values changed to 0} \qquad (19)$$

$$\text{where } w''_{ij} = 1 - \sigma^2_{z_{ij}} \qquad (20)$$

Alternatives to formula 19*

$$w_{ij_2} = \frac{1}{\sigma^2_{z_{ij}}} - 1 \quad \text{(with negative values changed to 0)} \qquad (21)$$

$$w_{ij_3} = 1 - \sigma_{z_{ij}} \quad \text{(with negative values changed to 0)} \qquad (22)$$

$$w_{ij_4} = \frac{1}{\sigma_{z_{ij}}} - 1 \quad \text{(with negative values changed to 0)} \qquad (23)$$

$$w_{ij_5} = \log_{10} \frac{1}{\sigma_{z_{ij}}} \quad \text{(with negative values changed to 0)} \qquad (24)$$

$$w_{ij_6} = w_{ij_3}^{\ 2} \qquad (25)$$

$$w_{ij_7} = w_{ij_4}^{\ 2} \qquad (26)$$

w_{ij_o} = multiple regression beta weight when the predictors are U-variables (with negative weights changed to positive and positive weights changed to 0) (27)

---

* Formulas 19 and 20 were used to determine the weights for all Type II propinquity indexes for which empirical data is presented in the Chapter 7 tables. Formula 27 was used for the Type I indexes. Formulas 21-26 were not used, except in the small-scale tryout described in the footnote on page 7-5.

Formula for r´

$$r' = \frac{r}{\sqrt{(1 - 2p)\left[2p\left(\frac{s_p^{\,2}}{s^2}\right) + r^2\right] + 2p}} \qquad (28)$$

If $\frac{s_p^{\,2}}{s^2}$ (needed for formula 28) is unknown, it may be estimated from the following formula provided the same assumptions required for biserial correlation hold:

$$\frac{s_p^{\,2}}{s^2} = 1 + r^2\left[\frac{y_i z_i}{p} - \left(\frac{y}{p}\right)^2\right] \qquad (29)$$

TABLE N-1. Point biserial r (and r´) for propinquity index (δ) and for several exponential transformations of it.*

Codes						Point biserial r (and r´) between group membership and					
Q-2-cp-A	Q-2-cp-B ****	Career plan	N	p		δ^2	δ**	$\sqrt{\delta}$	$\sqrt[3]{\delta}$	$\sqrt[4]{\delta}$	$\sqrt[8]{\delta}$
899		Unskilled labor	138	.020	r	.102	.114	.119	***	***	***
					r´	.435	.458	.463	***	***	***
242		Elec. Engin.	121	.017	r	.099	.110	.115	***	***	***
					r´	.450	.471	.475	***	***	***
250	C	Architect	29	.004	r	.047	.053	.056	.057	.057	.057
					r´	.430	.460	.469	.472	.474	.474
464	I	English Prof.	28	.004	r	.052	.059	.062	.063	.063	.065
					r´	.493	.533	.544	.546	.547	.551

* For 12th-grade males, Sample B; N = 7017.

** These values may differ slightly from those shown in columns 7 - 8 of Table 7-2a because the Table 7-2a coefficients are based on exact values of the propinquity index, unlike the values in this table, which are based on grouped data (the distributions shown in Table 7-4). Formula 19 was used for w_{ij}.

*** Not obtained.

**** The Q-2-cp-B codes correspond to career-plans grouped in accordance with the "job families" tentatively established as described in Chapter 5.

TABLE N-2. Relation between biserial and point biserial correlations, and various associated statistics*

(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Location of split between p and q	Means on dichotomous variable		Ratio of biserial to pt. bis. r	Ratio of pt. bis. to bis. r**	Maximum pt. bis r
		For q group	For p group			
p	z	y/q	y/p	$\frac{\sqrt{pq}}{y}$	$\frac{y}{\sqrt{pq}}$	$\frac{y}{\sqrt{pq}}$
.50	.00	.798	.798	1.25	.798	same as col. 6
.20	.84	.350	1.400	1.43	.700	
.10	1.28	.195	1.755	1.71	.585	
.05	1.64	.109	2.063	2.11	.473	
.02	2.05	.049	2.421	2.89	.346	
.01	2.33	.027	2.665	3.73	.268	
.005	2.58	.015	2.892	4.88	.205	
.002	2.88	.006	3.170	7.05	.142	
.001	3.09	.003	3.367	9.39	.107	
.0005	3.29	.0018	3.554	12.58	.079	
.0002	3.54	.0008	3.789	18.66	.054	
.0001	3.72	.0004	3.958	25.26	.040	

Notation

p = proportion of cases in criterion group
q = 1 - p = proportion of cases not in criterion group
z = point of split between p and q, expressed in standard deviation units
y = normal ordinate corresponding to z

*The basic assumptions underlying columns 2-6 in this table are (1) that the continuous variable is normally distributed, (2) that the dichotomous variable is an artificial dichotomy, i.e. a dichotomy which has a hypothetical continuous variable underlying it, and (3) that this hypothetical continuous variable is normally distributed.

**The value in column 6 is the upper limit of a point biserial correlation, assuming that the continuous variable is normally distributed.

TABLE N-3. Conservative estimates of minimum values of correlation coefficients that are significant for samples used in this study.

	Total sample N = 14123		Sample A N=7106	Sample B N=7017		Sample B1 N=3509	Sample B2 N=3508
	n=109	n=1	n=109	n=1	n=2	n=109	n=1
R''^2 or r''^2 (See Note 1) R'' or r''	.00772 .088	.00007 ±.008	.01534 .124	.00014 ±.012	.00029 .017	.03107 .176	.00029 ±.017
R''' or r''' (See Note 2)	.109*** .104**	.030*** .025**	.154*** .149**	.043*** .035**	.048*** .040**	.219*** .209**	.060*** .050**
	POINT BISERIAL CORRELATION (See Note 3)						
When p = .50	.092*** .087** .070*	.028*** .023** .007*	.129*** .122** .098*	.040*** .033** .010*	.044*** .037** .013*	.184*** .173** .140*	.057*** .047** .014*
When p = .20 (or .80)	.083*** .078** .061**	.028*** .022** .006*	.117*** .110** .086*	.039*** .032** .008*	.043*** .035** .012*	.167*** .156** .123*	.055*** .045** .012*
When p = .10 (or .90)	.073*** .068** .051*	.027*** .021** .005*	.103*** .096** .072*	.038*** .030** .007*	.041*** .033** .010*	.147*** .136** .103*	.053*** .043** .010*
When p = .05 (or .95)	.063*** .058** .042*	.026*** .020** .004*	.089*** .082** .058*	.036*** .029** .006*	.039*** .031** .008*	.127*** .117** .083*	.052*** .041** .008*
When p = .02 (or .98)	.052*** .047** .030*	.025*** .019** .003*	.074*** .066** .043*	.035*** .028** .004*	.037*** .029** .006*	.105*** .094** .061*	.049*** .039** .006*
When p = .01 (or .99)	.045*** .040** .024*	.024*** .019** .002*	.064*** .056** .033*	.034*** .027** .003*	.035*** .028** .005*	.091*** .081*** .047*	.048*** .038** .004*
When p = .005 (or .995)	.040*** .035** .018*	.023*** .018** .002*	.056*** .049** .025*	.033*** .026** .002*	.034*** .027** .003*	.080*** .070** .036*	.047*** .037** .003*
When p = .002 (or .998)	.034*** .029*** .012*	.023*** .018** .001*	.048*** .041** .018*	.032*** .025** .002*	.033*** .026** .002*	.069*** .059** .025*	.046*** .036** .002*

Miscellaneous notation

N = no. of cases
n = no. of independent variables
p = proportion of cases in criterion group
q = 1 - p
y = normal ordinate corresponding to the split between p and q.

Note 1. R''^2 or r''^2 is value of R^2 or r^2 which, when Wherry shrinkage formula (Wherry, 1939) is applied, shrinks to zero.

$$R'' = \sqrt{\frac{n}{n-1}}$$

Note 2. R''' (or r''') is the value a correlation coefficient must exceed in order to differ significantly from R'' (or r''), using two-tail test. (Fisher's z was used.)

Note 3. The point biserial correlations followed by a single asterisk are the values corresponding to R'' (or r'') when the criterion value (group membership) is assumed to be a normally distributed variable with an arbitrary dichotomy imposed on it. Similarly, the point biserial correlations followed by a double (or triple) asterisk are the lowest values that differ significantly at the .05 (or .01) level from the point biserial corresponding to R'' or r''.

$$R''_{\text{pt bis}} = \frac{y}{\sqrt{pq}} \quad R''$$

* $R_{\text{pt bis}}$ corresponding to R''

** Significant at .05 level (2-tail test)

*** Significant at .01 level (2-tail test)

$$z'''_k = z'' + \frac{k}{\sqrt{N-n-2}}$$

where z'' = Fisher's z corresponding to R'' or to $R''_{\text{pt bis}}$

z''' = Fisher's z corresponding to R''' or to $R'''_{\text{pt bis}}$

k = critical ratio = $\frac{z''' - z''}{\sigma_{z''}}$

APPENDIX O

CONTENTS OF APPENDIX II

Appendix O was developed by Judith M. Melnotte, in connection with the developmemt of Appendix II, an important supplement to Chapter 6. Appendix II is a separate volume.

Appendix O. CONTENTS OF APPENDIX II

TABLES 1.	MEANS AND STANDARD DEVIATIONS	NO. OF OCC. GRPS.	TOTAL N**
1.1	Means and standard deviations of 11th-grade males on 109 variables grouped by occupation five years out of high school.	177	14,570
1.2	Means and standard deviations of 11th-grade females on 109 variables grouped by occupation five years out of high school	165	15,423
1.3	Means and standard deviations of 12th-grade males on 109 variables grouped by occupation five years out of high school.	174	14,123
1.4	Means and standard deviations of 12th-grade females on 109 variables grouped by occupation five years out of high school.	169	14,703
TABLES 2.	Median d^2's		
2.1	Median of d^2 between an occupation and the other occupations in each of twelve long-range goal categories. Data based on 64 cognitive variables for 11th-grade males.	74	9,674
2.2	Median of d^2 between an occupation and the other occupations in each of twelve long-range goal categories. Data based on 45 non-cognitive variables for 11th-grade males.	74	9,674
2.3	Median of d^2 between an occupation and the other occupations in each of twelve long-range goal categories. Data based on 64 cognitive variables for 12th-grade males.	74	9,260
2.4	Median of d^2 between an occupation and the other occupations in each of twelve long-range goal categories. Data based on 45 non-cognitive variables for 12th-grade males.	74	9,260
TABLES 3.	d^2's		
3.1	d^2's among 74 occupations. Data based on 64 cognitive variables for 11th-grade males.	74	9,674
3.2	d^2's among 74 occupations. Data based on 45 non-cognitive variables for 11th-grade males.	74	9,674
3.3	d^2's among 45 occupations. Data based on 64 cognitive variables for 11th-grade females.	45	6,026
3.4	d^2's among 45 occupations. Data based on 45 non-cognitive variables for 11th-grade females.	45	6,026
3.5	d^2's among 74 occupations. Data based on 64 cognitive variables for 12th-grade males.	74	9,260
3.6	d^2's among 74 occupations. Data based on 45 non-cognitive variables for 12th-grade males.	74	9,260
3.7	d^2's among 45 occupations. Data based on 64 cognitive variables for 12th-grade females.	45	6,516
3.8	d^2's among 45 occupations. Data based on 45 non-cognitive variables for 12th-grade females.	45	6,516

TABLES 4.	POINT BISERIAL CORRELATIONS	NO. OF OCC. GRPS.	N for each** pt. bis. r
4.1	Point biserial correlations between high school test scores and membership in an occupational group five years out of high school. Data given for 109 cognitive and non-cognitive variables on 11th-grade males.	177	14,570
4.2	Point biserial correlations between high school test scores and membership in an occupational group five years out of high school. Data given for 109 cognitive and non-cognitive variables on 11th-grade females.	165	15,423
4.3	Point biserial correlations between high school test scores and membership in an occupational group five years out of high school. Data given for 109 cognitive and non-cognitive variables on 12th-grade males.	174	14,123
4.4	Point biserial correlations between high school test scores and membership in an occupational group five years out of high school. Data given for 109 cognitive and non-cognitive variables on 12th-grade females.	169	14,703

TABLES 5.	MULTIPLE CORRELATIONS	NO. OF OCC. GRPS.				N for each multiple R**			
		11M	11F	12M	12F	11M	11F	12M	12F
5.1	Multiple correlation between high school test scores and membership in an occupational group five years out of high school. Correlations based on:								
	a) 17 selected cognitive variables, 12th-grade males and females	-	-	174	169	-	-	14123	14703
	b) 64 cognitive variables, 11th- and 12th-grade males and females	177	165	174	169	14570*	15423*	14123*	14703*
	c) 45 non-cognitive variables, 11th- and 12th-grade males and females	177	165	174	169	14570*	15423*	14123*	14703*
	d) 109 cognitive and non-cognitive variables, 11th- and 12th-grade males and females	177	165	174	169	14570	15423	14123	14703
5.2	Ratios of point biserial correlation coefficients to the maximum coefficient possible with the given dichotomy. Correlations based on:								
	a) 17 selected cognitive variables, 12th-grade males and females	-	-	174	169	-	-	14123	14703
	b) 64 cognitive variables, 11th- and 12th-grade males and females	177	165	174	169	14570*	15423*	14123*	14703*
	c) 45 non-cognitive variables, 11th- and 12th-grade males and females	177	165	174	169	14570*	15423*	14123*	14703*
	d) 109 cognitive and non-cognitive variables, 11th- and 12th-grade males and females	177	165	174	169	14570	15423	14123	14703

TABLES 6.	INTERCORRELATIONS OF VARIABLES	NO. OF OCC. GRPS.	TOTAL N***
6.1	Intercorrelations of 109 cognitive and non-cognitive variables. Data based on 11th-grade males.	177	14,570*
6.2	Intercorrelations of 109 cognitive and non-cognitive variables. Data based on 11th grade females.	165	15,423*
6.3	Intercorrelations of 109 cognitive and non-cognitive variables. Data based on 12th-grade males.	174	14,123*
6.4	Intercorrelations of 109 cognitive and non-cognitive variables. Data based on 12th-grade females.	169	14,703*

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*Assumed: Not given in print-out.

**Complete cases only; purified occupational groups

***Complete cases only

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Final Report

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C

INTRODUCTION

The data of the tables in this Appendix are taken wholly or partially from the data pool provided by 64 cognitive and 45 non-cognitive Project TALENT variables, as given for Grades 11 and 12, Males and Females, for whom complete data were available. These students, a sample of the original Project TALENT group, were followed up five years out of high school. In all tables the data are analyzed in terms of the students' reports on career plans at the time they had been five years out of high school. A purification process was used to include only those persons whose preparation and current activities were consistent with the occupation they indicated as their career plan. Cases thus eliminated were transferred to the category of "000," indicating no answer or no satisfactory answer. In addition, cases are not included for which complete data were unavailable.

More detailed discussion of the five-year follow-up procedure, the purification process, and occupational groupings may be found in Chapters 1 and 6 of the Report.

Miss Judith Melnotte made arrangements for a number of these analyses and planned the presentation of these tables.

TABLE 1.1

MEANS AND STANDARD DEVIATIONS OF 11TH GRADE MALES ON 109 VARIABLES GROUPED BY OCCUPATION FIVE YEARS OUT OF HIGH SCHOOL

#	GROUP	N	MEANS										
			INFORMATION TEST I										
			SCREENING	VOCABULARY I	LITERATURE	MUSIC	SOCIAL STUDIES	MATHEMATICS	PHYSICAL SCIENCES	BIOL SCIENCES	SCIENT ATTIT	AERO & SPACE	ELECTRICITY, ELECTRONICS
			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110	R-111
000	NO ANSWER	1766	11.448	10.737	13.408	6.268	16.608	10.838	10.128	6.895	6.196	5.029	9.965
001	DON'T KNOW	734	11.490	10.981	13.522	6.135	16.748	10.662	10.022	7.000	6.376	5.031	9.767
101	EXECUTIVE (NEC)	59	11.814	11.322	14.966	7.322	18.695	13.831	11.356	6.864	6.881	5.847	10.237
102	FOREMAN (NEC)	103	11.602	10.592	11.990	5.621	15.223	8.233	9.097	6.068	6.223	4.330	9.204
111	WORK FOR GOVT (NEC)	49	11.571	9.755	13.531	6.592	17.327	9.286	9.653	6.612	6.143	5.102	8.204
112	IN BUS. FOR SELF (NEC)	255	11.490	11.063	13.090	6.043	16.541	10.282	9.514	6.784	6.396	5.012	9.878
120	IND., BUS., COMM. (NEC)	161	11.602	10.764	14.317	6.497	17.037	11.317	10.118	6.870	6.503	5.161	10.031
121	RETAIL (NEC)	22	11.773	11.818	15.455	7.045	18.909	11.045	10.364	7.591	5.955	5.318	9.409
122	TRANSPORTATION (NEC)	16	11.313	11.688	14.688	7.313	18.813	12.125	11.125	7.000	6.500	5.125	10.500
123	REAL ESTATE(NEC)	9	11.778	9.667	14.444	5.556	19.000	11.333	9.000	6.667	6.000	3.111	7.556
124	INSURANCE (NEC)	24	11.542	11.417	14.542	6.083	16.792	10.625	10.292	7.000	6.625	5.042	10.167
125	ELECTRONICS (NEC)	113	11.593	11.761	13.000	6.637	16.611	11.354	11.071	7.301	6.310	5.788	12.248
211	MATH., STAT.	42	11.881	12.405	16.738	7.429	19.690	18.119	13.048	7.714	6.810	6.357	10.571
212	OTHER STATISTICS	10	11.600	12.700	15.500	7.600	20.100	19.300	14.500	8.700	7.500	6.300	11.700
221	SYSTEMS ANALYST	56	11.875	11.911	16.571	7.893	20.679	17.482	13.625	8.179	7.429	6.554	12.750
222	COMPUTER PROG.	173	11.734	10.971	14.416	6.827	17.931	13.353	11.312	7.006	6.798	5.595	10.665
229	COMPUTER SPEC. (NEC)	38	11.789	10.816	15.421	7.289	18.737	15.553	12.816	7.763	6.868	5.842	12.632
230	PHYS. SCI. (NEC)	16	11.750	12.438	18.313	7.813	20.500	17.188	14.625	8.750	7.438	7.000	14.063
231	CHEMIST	93	11.796	12.333	17.011	8.226	20.376	17.871	14.602	8.817	7.419	7.011	13.484
232	PHYSICIST	53	11.736	13.189	17.491	8.509	21.170	19.604	15.566	8.811	8.000	7.925	15.264
234	GEOLOGIST	22	11.818	12.364	17.364	8.045	21.455	19.227	15.227	8.818	8.045	7.955	15.318
240	ENGINEER (NEC)	240	11.847	12.036	16.702	8.153	20.520	17.335	14.161	8.060	7.282	6.617	13.395
241	CIVIL ENGINEER	97	11.773	12.237	16.247	7.515	19.804	17.340	13.773	8.000	7.072	6.381	12.536
242	ELEC. ENGINEER	234	11.812	12.201	15.859	7.457	19.688	17.197	14.261	8.316	7.261	6.833	14.816
243	MECH. ENGINEER	139	11.763	12.209	15.655	7.482	20.000	17.410	13.820	8.108	7.245	6.281	12.806
244	AERONAUTICAL ENG.	40	11.875	12.375	16.975	7.825	20.700	17.525	14.375	8.675	7.075	7.775	13.600
245	CHEM. ENGINEER	48	11.792	12.396	16.813	7.729	21.042	18.125	15.042	8.542	7.271	6.875	13.563
250	ARCHITECT	64	11.750	12.391	16.219	8.297	19.734	16.203	12.734	8.156	7.078	6.469	12.234
299	PHYS. SCI., LAB.TECH.	100	11.730	10.820	13.780	6.710	17.370	10.870	10.060	7.180	6.300	4.820	9.500
310	BIOLOGIST, ZOOLOGIST	48	11.771	12.375	16.459	7.521	19.313	14.646	13.250	8.438	7.188	6.354	12.208
313	SPEC. IN AGRIC. SCI.	33	11.576	11.182	14.091	6.394	19.000	12.909	12.273	8.121	7.091	5.303	10.879
314	WLDLF/FOREST SPEC.	43	11.674	11.721	15.326	6.651	18.767	14.814	12.605	8.698	7.070	5.930	10.837
316	MICROBIOLOGIST	9	11.778	11.889	18.444	9.000	20.333	17.778	14.667	8.889	8.000	7.222	14.778
317	BIOCHEMIST	10	12.000	12.000	15.900	9.400	18.300	16.800	14.600	8.900	7.600	6.400	14.700
322	MD-SURGEON	8	11.875	13.125	16.500	9.375	21.000	18.500	14.375	9.000	7.125	7.000	14.375
329	MD-OTHER	186	11.866	12.661	18.312	9.242	21.328	18.785	14.489	8.715	7.387	6.796	12.392
332	DENTIST	92	11.891	12.370	17.098	8.587	20.152	17.674	13.457	8.391	7.054	5.870	11.576
333	VETERINARIAN	30	11.933	11.700	14.967	7.100	20.333	15.967	13.900	8.567	7.367	6.267	12.267
335	PHARMACIST	89	11.865	11.809	15.506	7.652	19.584	15.888	12.944	7.831	6.955	6.045	11.494
336	OPTOMETRIST	14	11.929	12.429	16.571	8.071	18.429	16.071	12.857	8.571	6.357	5.643	11.429
337	RN	8	12.000	12.750	15.250	7.125	19.750	10.375	11.375	7.750	6.750	6.250	12.750
345	CHIROPRACTOR	9	11.889	11.556	13.444	5.889	14.778	12.000	9.222	6.667	6.667	4.667	9.333
347	MED/DENT TECHNOL.	15	11.800	11.933	14.267	6.267	18.867	10.400	11.467	6.867	5.867	6.000	10.400
348	MED/DENT TECHNICIAN	31	11.258	9.419	12.097	6.226	14.710	9.226	8.484	6.645	5.581	5.161	8.710
350	HOSPITAL ADMIN.	13	11.462	11.462	16.308	7.000	16.077	13.692	10.692	7.615	6.769	5.154	8.692
360	PSYCHOLOGIST	94	11.840	12.191	17.745	8.639	19.851	15.809	13.191	7.942	7.319	6.138	10.894
370	SOCIAL WORKER	65	11.692	11.600	15.477	8.031	19.246	13.246	11.138	7.369	6.969	5.185	9.569
372	COUNSELING/GUIDANCE	10	11.800	11.500	17.400	8.700	19.600	12.000	11.900	7.500	7.000	5.300	11.100
373	VOC/ED GUIDANCE	42	11.690	11.095	15.476	7.310	18.667	13.667	11.262	7.190	6.762	5.310	10.167
382	ECONOMIST	32	11.875	11.594	16.938	7.875	20.563	15.875	12.688	8.188	6.969	6.500	11.594
389	SOC. SCI. (MISC)	31	11.839	13.323	16.516	8.581	20.032	15.097	12.387	7.677	6.468	6.129	11.097
391	POLITICIAN	16	11.688	12.000	16.000	7.375	19.563	15.250	11.375	7.438	6.375	5.438	9.938
392	DIPLOMAT	21	11.905	13.762	18.000	8.905	21.952	16.714	14.476	8.190	7.190	6.619	12.381
393	LAWYER	342	11.848	12.316	17.871	8.959	20.944	17.213	13.132	7.915	7.547	6.389	11.342
394	MARKET ANALYST	15	11.867	10.333	15.333	7.733	18.867	15.067	12.333	7.267	7.067	5.067	10.667
397	PUBLIC ADM (NEC)	16	11.750	12.688	16.875	8.563	19.625	14.250	11.500	7.250	7.375	6.063	12.063
398	CITY PLANNER (NEC)	21	11.905	12.762	17.238	7.952	21.667	16.048	13.714	8.190	7.143	6.810	11.905
400	TEACHER (NEC)	478	11.774	11.632	15.278	7.642	18.944	13.527	11.588	7.554	6.962	5.360	10.169
412	TEACHER-ELEM.	53	11.792	10.925	14.604	7.547	18.585	12.340	11.245	7.340	6.679	5.396	10.057
420	TEACHER-HS (NEC)	98	11.878	11.469	15.173	7.724	19.153	14.010	11.827	7.510	6.633	5.500	10.337
421	TEACHER-HS MATH	65	11.938	11.708	15.262	6.908	19.262	15.831	12.892	7.615	6.954	5.554	10.600
422	TEACHER-HS SCIENCE	68	11.662	11.441	15.574	7.426	19.294	15.426	13.647	8.529	6.941	6.250	12.559
423	TEACHER-HS SOC. ST.	85	11.812	11.635	15.976	7.671	20.141	12.353	11.518	7.753	6.765	5.682	9.694
424	TEACHER-ENGLISH	38	11.868	11.816	17.500	9.053	19.579	14.263	12.737	7.632	6.921	5.316	10.079
425	TEACHER-FOR. LANG.	14	11.786	12.214	16.714	8.357	20.143	15.143	10.571	7.357	6.286	4.786	8.500
426	TEACHER-COMM. ED.	14	11.857	11.857	14.500	8.071	20.429	11.429	10.429	7.571	7.071	4.786	9.214
428	TEACHER-TRADES	50	11.780	10.520	12.600	6.220	17.400	12.020	10.760	7.240	6.580	5.400	11.460
429	TEACHER-PHYS. ED.	57	11.737	10.825	14.000	6.860	17.386	10.930	9.596	6.596	6.439	4.596	8.579
431	TEACHER-ART	12	11.500	12.917	16.500	9.333	18.917	13.000	10.750	7.333	7.083	4.833	11.500
432	TEACHER-MUSIC	30	11.767	12.633	15.233	10.067	18.000	13.533	11.300	7.167	7.067	5.133	11.033
440	TEACHER-HANDICAPPED	12	11.667	11.333	16.667	7.667	19.750	14.417	11.333	7.917	7.083	5.500	10.250
450	SCH. ADMIN. (EXC. COLL.)	45	11.889	11.711	15.578	7.711	19.244	13.467	11.933	7.444	7.444	4.689	9.511
460	COLL/UNIV TCHR (NEC)	214	11.855	12.439	17.299	8.850	20.827	16.224	13.295	8.028	7.425	6.374	11.486
461	COLL/UNIV TCHR-MATH	30	11.833	13.133	18.700	9.600	21.933	20.367	14.800	8.600	8.067	7.233	14.267
462	COLL/UNIV TCHR-SCI	48	11.913	12.083	17.708	9.438	21.417	18.875	15.250	9.000	7.792	7.188	14.063
463	COLL/UNIV TCHR-SOC SCI	81	11.840	13.000	18.716	9.198	21.988	16.728	13.457	8.272	7.605	6.407	10.914
464	COLL/UNIV TCHR-ENGLISH	44	11.886	12.591	19.523	9.545	20.477	16.545	13.409	8.364	7.682	6.318	11.023
470	COLL/UNIV TCHR-ADM	13	11.769	12.308	15.846	8.769	20.462	16.538	12.000	8.000	7.308	5.615	9.231
511	LIBRARIAN	9	11.778	13.000	17.444	10.111	20.333	12.333	9.889	6.778	6.667	4.778	8.333
522	CLERGYMAN	177	11.751	11.616	16.311	8.056	19.040	14.192	11.627	7.079	6.944	5.215	10.209
523	RELIGIOUS WORKER (OTHER)	23	11.696	10.913	14.783	6.913	17.870	13.783	10.739	7.217	6.478	5.130	9.739
531	WRITER (NEC)	21	11.762	12.048	17.333	8.571	20.286	13.476	12.524	7.571	7.048	6.238	11.429
534	JOURNALIST/REPORTER	43	11.744	11.349	17.140	8.140	19.628	13.186	11.395	7.419	6.488	5.605	10.140
537	EDITOR	10	11.800	11.900	17.100	9.100	20.500	15.400	13.700	7.500	7.400	5.600	10.600
541	FINE ARTS	22	11.455	10.636	15.727	7.727	17.864	11.000	11.182	7.409	6.773	6.318	10.773
545	COMM ARTIST	54	11.481	11.944	14.833	7.000	16.778	10.759	10.019	7.481	6.481	5.593	10.296
547	DESIGNER (CONS GOODS)	14	11.857	11.643	14.714	7.357	17.571	12.214	12.429	8.071	6.714	7.143	11.929
551	MUSICIAN	17	11.588	12.000	15.176	10.059	17.118	12.706	9.294	7.529	6.471	4.941	9.353

TABLE 1.1 (continued)

#	GROUP	N	SCREENING R-101	VOCABULARY I R-102	LITERATURE R-103	MUSIC R-104	SOCIAL STUDIES R-105	MATHEMATICS R-106	PHYSICAL SCIENCES R-107	BIOL SCIENCES R-108	SCIENT ATTIT R-109	AERO & SPACE R-110	ELECTRICITY, ELECTRONICS R-111
			STANDARD DEVIATIONS										
			INFORMATION TEST I										
000	NO ANSWER	[illegible]	1.235	3.970	4.467	2.936	5.160	5.665	4.135	2.281	1.883	2.467	3.805
001	DON'T KNOW	736	[illegible]	3.579	4.419	2.909	5.005	5.702	3.956	2.191	1.759	2.333	4.033
101	EXECUTIVE (NEC)	[illegible]	[illegible]	[illegible]	3.855	2.751	4.112	5.531	3.809	2.216	1.510	2.148	3.105
102	FOREMAN (NEC)	[illegible]	[illegible]	[illegible]	3.696	2.639	4.947	5.101	3.449	2.220	1.749	2.098	2.958
111	WORK FOR GOVT (NEC)	[illegible]	[illegible]	4.571	4.615	2.972	4.602	4.708	3.761	2.187	1.893	2.266	4.469
112	IN BUS. FOR SELF (NEC)	[illegible]	[illegible]	[illegible]	4.025	2.686	4.533	5.099	3.700	2.036	1.769	2.158	3.943
120	IND., BUS., COMM. (NEC)	151	[illegible]	[illegible]	4.328	2.879	4.662	5.551	4.021	2.272	1.807	2.291	2.898
121	RETAIL (NEC)	[illegible]	[illegible]	[illegible]	3.888	1.914	4.023	3.885	3.200	1.469	1.618	2.378	4.020
122	TRANSPORTATION (NEC)	16	[illegible]	[illegible]	3.591	2.726	4.520	3.862	3.138	2.191	1.549	1.893	3.965
123	REAL ESTATE(NEC)	9	[illegible]	[illegible]	4.693	3.127	4.330	6.245	2.372	2.958	2.000	1.537	4.228
124	INSURANCE (NEC)	76	[illegible]	[illegible]	4.472	3.309	5.234	5.331	3.045	1.818	1.996	2.236	3.780
125	ELECTRONICS (NEC)	113	0.930	[illegible]	3.615	2.781	4.195	4.715	3.489	2.150	1.615	2.185	4.398
211	MATH., STAT.	[illegible]	0.328	[illegible]	3.992	2.931	3.496	3.710	3.741	2.234	1.550	2.250	4.447
212	OTHER STATISTICS	[illegible]	0.366	[illegible]	4.035	2.066	5.425	6.093	2.718	1.767	1.581	1.567	3.958
221	SYSTEMS ANALYST	55	0.625	[illegible]	3.448	2.721	2.924	4.644	3.355	2.064	1.234	2.319	4.023
222	COMPUTER PROG.	173	0.738	[illegible]	3.944	2.658	4.192	5.534	3.973	2.053	1.705	2.477	3.647
229	COMPUTER SPEC. (NEC)	88	0.622	[illegible]	4.011	2.629	4.241	5.416	4.059	2.353	1.948	2.260	3.894
230	PHYS. SCI. (NEC)	16	0.447	[illegible]	4.029	2.810	3.483	5.154	3.704	1.770	1.365	2.251	3.751
231	CHEMIST	63	0.479	[illegible]	3.640	2.626	3.313	4.197	2.995	2.011	1.417	2.238	4.035
232	PHYSICIST	63	0.812	[illegible]	3.232	2.478	2.716	2.891	2.062	1.777	1.301	1.817	4.171
234	GEOLOGIST	22	0.306	[illegible]	3.606	2.919	2.241	3.915	2.429	1.593	1.362	1.676	3.483
240	ENGINEER (NEC)	248	0.548	[illegible]	3.485	2.494	2.864	3.975	2.882	1.955	1.495	2.266	2.404
241	CIVIL ENGINEER	97	0.715	2.512	3.559	2.747	3.278	3.541	2.849	1.774	1.769	2.133	4.029
242	ELEC. ENGINEER	236	0.599	3.345	3.756	2.677	3.520	3.998	2.897	1.788	1.484	2.109	4.523
243	MECH. ENGINEER	139	0.728	2.665	3.882	2.575	3.102	3.899	3.029	1.959	1.408	2.303	4.934
244	AERONAUTICAL ENG.	49	0.563	3.393	3.460	2.469	2.594	3.471	2.425	1.730	1.421	1.901	4.473
245	CHEM. ENGINEER	43	0.459	2.210	3.939	2.893	2.851	3.728	2.484	1.701	1.621	2.170	4.299
250	ARCHITECT	66	0.713	3.210	4.889	2.434	3.683	4.945	3.339	1.748	1.556	1.868	4.307
299	PHYS. SCI., LAB TECH.	150	0.649	3.395	3.876	2.409	3.976	4.769	3.703	2.007	1.624	2.405	4.576
310	BIOLOGIST, ZOOLOGIST	49	0.592	3.133	3.389	2.790	2.976	5.097	2.764	1.821	1.909	2.047	3.586
313	SPEC. IN AGRIC. SCI.	33	1.032	3.177	1.778	2.936	3.250	4.856	3.449	2.012	1.400	2.008	4.724
314	WLDLF/FOREST SPEC.	63	0.992	2.363	3.517	2.959	4.180	4.851	3.513	1.551	1.502	2.197	3.874
316	MICROBIOLOGIST	9	1.441	0.782	3.167	2.345	2.062	5.191	2.179	1.833	1.323	2.682	3.822
317	BIOCHEMIST	17	0.0	1.054	4.999	2.271	4.547	3.490	2.789	1.853	1.506	2.413	4.025
322	MD-SURGEON	8	0.354	3.399	4.347	3.159	4.504	5.318	4.274	1.690	1.808	2.000	3.431
329	MD-OTHER	186	0.558	3.278	3.189	2.508	2.625	3.667	2.672	1.644	1.661	2.283	4.080
332	DENTIST	92	0.313	2.528	3.505	2.623	3.217	3.468	2.612	1.630	1.564	2.012	4.049
333	VETERINARIAN	30	0.379	1.878	3.643	2.454	3.209	3.499	2.784	1.547	1.299	2.180	3.608
335	PHARMACIST	87	0.375	2.816	3.574	2.594	3.387	3.839	3.231	1.811	1.588	2.383	3.500
336	OPTOMETRIST	16	0.267	2.623	3.631	2.018	2.472	3.970	3.348	1.555	1.008	2.649	4.461
337	RN	8	0.0	1.581	2.659	1.959	3.059	4.596	3.204	1.389	1.488	2.816	3.775
345	CHIROPRACTOR	9	0.333	0.776	3.321	2.892	4.265	6.442	4.842	2.291	1.936	1.581	3.364
347	MED/DENT TECHNOL.	15	0.414	3.936	3.918	2.120	4.486	5.383	3.021	2.066	1.767	1.813	3.296
348	MED/DENT TECHNICIAN	31	1.365	4.759	4.492	3.159	5.866	5.181	4.225	2.303	1.259	3.012	3.976
350	HOSPITAL ADMIN.	13	1.127	0.776	4.939	3.136	4.873	5.073	4.535	1.850	1.481	1.676	4.324
360	PSYCHOLOGIST	94	1.576	2.550	3.111	2.631	3.213	3.955	2.988	1.804	1.490	2.265	4.473
370	SOCIAL WORKER	65	0.883	2.269	3.817	2.365	3.729	4.637	3.940	2.081	1.794	2.384	4.658
372	COUNSELING/GUIDANCE	10	0.422	0.450	2.875	2.058	1.776	3.055	1.969	2.224	1.414	2.312	4.084
373	VOC/ED GUIDANCE	42	0.604	3.051	3.743	2.959	4.735	5.404	4.162	1.877	1.620	2.225	3.410
382	ECONOMIST	32	0.336	2.193	3.885	2.826	2.782	4.094	3.596	2.250	1.257	1.918	3.107
389	SOC. SCI. (MISC)	31	0.374	3.260	3.472	2.566	3.755	4.384	3.180	1.990	1.663	2.061	4.261
391	POLITICIAN	16	1.014	1.211	4.619	3.284	2.756	4.851	4.097	2.032	1.204	2.337	4.864
392	DIPLOMAT	21	0.301	4.939	4.313	2.755	2.598	5.368	3.140	2.294	1.601	2.889	4.092
393	LAWYER	142	0.573	2.697	3.193	2.209	2.792	4.108	3.068	1.867	1.534	2.145	4.069
394	MARKET ANALYST	15	0.352	3.906	3.519	2.987	4.240	4.301	3.579	1.710	1.486	2.404	4.821
397	PUBLIC ADM (NEC)	15	0.775	2.669	2.306	1.861	3.344	5.410	4.258	1.983	1.821	2.489	4.374
398	CITY PLANNER (NEC)	21	0.301	2.931	3.859	2.898	2.477	4.248	2.432	1.721	1.558	2.421	4.024
400	TEACHER (NEC)	478	0.644	3.939	3.947	2.756	3.810	4.900	3.541	1.903	1.605	2.337	4.182
412	TEACHER-ELEM.	63	0.661	3.362	3.623	2.635	3.830	5.099	3.322	1.980	1.889	2.529	3.764
420	TEACHER-HS (NEC)	84	0.359	3.484	3.736	2.735	3.857	5.210	3.544	2.027	1.640	2.226	4.196
421	TEACHER-HS MATH	65	0.242	2.603	3.747	2.323	3.688	3.630	2.801	1.783	1.363	2.099	3.499
422	TEACHER-HS SCIENCE	68	0.784	2.872	4.122	3.039	3.913	4.948	3.185	1.559	1.709	2.378	4.430
423	TEACHER-HS SOC. ST.	85	0.665	1.517	3.684	2.422	3.248	4.735	3.734	1.933	1.797	2.451	4.480
424	TEACHER-ENGLISH	38	0.363	2.469	3.082	2.393	3.695	4.548	2.882	1.792	1.531	1.772	3.642
425	TEACHER-FOR. LANG.	16	0.426	1.474	3.950	1.946	2.958	4.312	4.256	1.781	1.858	2.778	3.107
426	TEACHER-COMM. ED.	16	0.363	1.231	3.180	2.702	3.180	5.585	3.567	1.697	1.774	2.392	3.043
428	TEACHER-TRADES	50	0.507	3.046	3.681	2.636	3.918	5.165	3.651	1.933	1.739	2.231	3.861
429	TEACHER-PHYS. ED.	87	0.642	3.689	3.525	2.936	3.702	4.920	3.406	2.017	1.669	2.243	3.354
431	TEACHER-ART	12	0.798	1.505	2.195	2.570	3.029	3.133	3.864	1.826	1.975	2.167	4.167
432	TEACHER-MUSIC	17	0.626	1.326	4.485	2.116	3.353	5.438	3.949	2.151	1.388	2.224	5.436
440	TEACHER-HANDICAPPED	12	0.888	3.525	3.845	2.425	3.108	4.166	4.250	2.193	1.505	2.780	5.594
450	SCH. ADMIN. (EXC. COLL.)	45	0.343	2.474	3.401	3.005	3.262	4.869	3.454	1.925	1.560	2.009	3.721
460	COLL/UNIV TCHR (NEC)	214	0.447	2.755	3.844	2.616	3.239	4.613	3.036	1.843	1.448	2.099	4.179
461	COLL/UNIV TCHR-MATH	32	0.747	3.288	3.734	1.694	2.083	2.371	2.538	1.589	1.413	2.239	4.705
462	COLL/UNIV TCHR-SCI	43	0.445	2.201	3.370	2.534	2.448	3.266	2.311	1.488	1.597	1.975	4.007
463	COLL/UNIV TCHR-SOC SCI	41	0.402	3.390	3.034	2.299	1.959	4.269	2.743	1.597	1.242	2.167	4.567
464	COLL/UNIV TCHR-ENGLISH	44	0.493	2.564	3.873	2.062	3.897	4.953	3.223	1.699	1.722	2.009	3.812
470	COLL/UNIV TCHR-ADM	13	0.439	2.840	3.287	2.048	2.184	3.843	3.674	1.732	1.437	1.325	3.193
511	LIBRARIAN	9	0.441	1.225	4.667	1.453	2.872	5.385	3.723	1.716	1.323	2.489	4.272
521	CLERGYMAN	177	0.589	3.177	4.320	2.986	3.943	4.929	3.849	2.160	1.715	2.447	4.026
523	RELIGIOUS WORKER (OTHER)	23	0.470	3.232	4.022	2.906	2.974	5.712	3.793	2.392	2.020	1.938	3.876
531	WRITER (NEC)	21	0.700	1.396	3.864	2.014	2.101	4.479	2.421	1.660	1.596	1.546	4.749
534	JOURNALIST/REPORTER	43	0.727	2.927	4.384	2.633	3.546	5.435	3.633	2.050	1.869	2.049	3.883
537	EDITOR	10	0.422	1.449	2.961	2.767	2.273	3.534	2.163	2.224	1.838	2.951	4.812
541	FINE ARTS	22	1.224	3.540	5.382	2.729	5.194	5.363	4.019	2.443	1.950	2.398	4.608
545	COMM ARTIST	56	1.077	2.543	3.975	2.946	4.338	5.288	3.044	1.830	1.489	2.088	4.142
547	DESIGNER (CONS GOODS)	14	0.363	3.365	2.946	1.692	4.653	4.902	3.204	1.685	2.016	1.994	4.795
551	MUSICIAN	17	0.795	1.225	4.902	2.561	6.061	5.882	3.653	1.841	1.940	2.657	3.999

TABLE 1.1 (continued)

#	GROUP	N	SCREENING	VOCABULARY I	LITERATURE	MUSIC	SOCIAL STUDIES	MATHEMATICS	PHYSICAL SCIENCES	BIOL SCIENCES	SCIENT ATTIT	AERO & SPACE	ELECTRICITY, ELECTRONICS
			MEANS										
			INFORMATION TEST I										
			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110	R-111
571	ACTOR	11	11.818	12.364	17.727	4.909	19.727	14.364	11.545	7.273	7.818	5.727	10.182
575	THEATRE (OTHER)	25	11.880	12.840	17.320	8.280	18.640	11.360	10.960	6.760	6.920	6.080	10.800
578	RADIO/TV ANNOUN.	23	11.609	11.696	14.826	8.522	18.426	10.739	10.739	7.043	6.652	5.696	11.696
579	MISC PERF ARTS	10	12.000	12.900	14.200	8.600	18.900	13.600	12.100	7.900	8.200	5.700	14.100
611	PRO ATHLETE	12	11.667	10.083	13.333	6.583	15.750	11.250	9.333	7.083	6.083	4.167	9.333
612	PRO ATHLETICS (AUX)	10	11.700	7.100	13.700	6.000	15.200	10.400	8.600	6.300	6.500	3.500	6.800
621	RECREATION DIR.	14	11.714	8.286	14.071	6.786	18.143	11.000	9.143	6.357	6.214	4.286	5.786
623	FRSTRY, HUNT, TRAP	22	11.182	9.864	11.545	5.500	14.682	9.591	9.545	6.773	6.500	5.000	9.636
631	FARM/RANCH OWNER	123	11.472	10.366	10.935	4.821	15.122	8.463	9.138	6.707	5.813	4.260	9.764
632	FARM/RANCH MGR	8	11.625	9.125	12.625	5.750	16.875	11.250	9.500	7.375	5.875	4.500	9.750
639	FARMING (OTHER)	254	11.544	9.976	10.874	4.858	14.924	9.353	9.630	6.333	5.351	3.955	8.819
640	MILITARY (RANK NOT IND)	51	11.490	10.922	13.784	6.373	16.902	11.176	9.627	7.078	5.353	5.000	10.765
641	MILITARY-ENLISTED	27	11.074	11.593	13.111	6.556	16.185	9.333	9.778	6.556	6.444	5.333	9.370
642	MILITARY-OFFICER	111	11.919	12.036	17.234	8.632	20.739	16.721	13.613	8.162	7.171	6.766	12.405
650	INTELLIGENCE-CIA, ETC.	15	11.400	10.467	14.333	6.733	17.667	13.800	11.200	6.333	6.200	6.067	9.533
661	POLICE (PUBLIC)	198	11.601	10.899	13.591	6.202	16.231	9.071	9.595	6.540	5.242	4.957	9.239
666	FIREMAN	48	11.021	9.479	12.000	5.313	14.521	8.021	8.313	6.250	5.667	4.750	9.354
669	OTHER PROTECTIVE	19	11.421	9.737	12.737	6.053	15.158	7.474	7.947	6.105	5.368	4.263	9.053
711A	BANKING & FINANCE, I	66	11.667	11.076	13.106	6.303	17.212	9.970	9.758	6.576	6.288	4.758	9.561
711B	BANKING & FINANCE, II	114	11.719	11.588	15.509	7.491	19.630	13.967	11.383	7.684	7.000	5.395	10.351
712	INVSTMNT,STOCK CONSULT	15	12.000	12.200	16.467	8.867	20.200	16.200	12.333	7.600	7.067	5.267	12.000
716	CPA	167	11.802	11.898	15.141	7.419	19.030	14.838	11.731	7.353	6.880	5.479	10.377
717	ACCTANT (EXC CPA)	329	11.690	11.356	13.896	6.292	18.164	13.401	10.432	6.791	6.463	4.851	9.653
721	PURCHASING AGENT	40	11.900	10.975	14.950	6.600	18.350	11.050	10.450	6.725	6.600	5.550	9.900
722	RETAIL BUYER	10	11.900	11.500	15.600	9.100	18.600	12.300	10.200	6.900	6.900	5.300	10.600
723	EFFICIENCY EXPERT	130	11.785	11.938	15.631	7.477	19.185	16.415	12.246	7.846	6.938	5.992	11.908
724	ADVERTISING	30	11.833	12.067	17.300	8.533	19.267	15.100	12.500	7.633	7.033	5.467	9.733
725	PUBLIC RELATIONS	44	11.919	11.648	15.659	8.250	18.659	13.955	11.000	6.955	6.886	4.773	9.841
726	PERSONNEL ADMIN	72	11.889	11.514	15.278	7.958	18.889	13.194	11.722	7.139	7.028	5.583	10.431
727	APPRAISING/ESTIMATING	35	11.714	11.886	14.800	7.171	18.371	11.429	11.171	7.200	6.943	5.686	10.457
728	LOAN/CREDIT INVESTIG	27	11.741	11.370	15.111	6.519	17.926	11.963	10.630	6.815	7.000	4.741	10.407
730	BUS MGMT/ADMIN (NEC)	514	11.726	11.490	15.010	7.317	18.598	12.735	11.071	7.395	6.831	5.529	10.411
731	MFG MGMT	55	11.800	11.800	15.491	7.436	19.218	13.800	12.436	7.473	6.909	6.218	12.091
732	WHSL/RET TRADE MGMT/MKTG	204	11.814	11.657	14.909	7.088	18.549	13.005	10.809	7.118	6.453	5.236	10.250
738	SUPERVISOR IN BUS	53	11.698	10.472	12.377	5.604	16.019	8.925	9.434	6.811	6.075	4.660	9.528
741	SALESCLERK	27	11.333	9.519	12.222	6.259	14.889	7.296	7.556	6.444	6.074	4.259	9.074
743	STOCKBROKER	17	11.824	10.941	16.529	9.118	21.000	14.588	12.000	7.412	5.941	6.235	9.176
745	REAL EST SLSMAN	24	11.292	11.500	12.458	5.750	17.208	12.208	10.333	7.542	6.375	4.667	9.250
746	INSURANCE SLSMAN	69	11.594	10.493	13.319	6.609	16.812	10.768	9.797	6.826	6.261	4.826	8.638
747	AUTO SLSMAN	11	11.636	11.273	12.545	5.909	16.091	9.818	9.545	6.636	6.455	4.818	9.364
748	OTHER SLSMAN (NEC)	327	11.645	11.000	13.495	6.588	16.856	11.080	9.804	6.810	6.590	4.930	9.982
749	SALES MGR	63	11.746	11.381	14.984	7.778	18.524	12.333	10.698	7.048	6.921	5.460	10.000
751	BOOKKEEPER	12	11.750	9.750	10.833	4.500	13.250	8.583	8.333	6.167	5.417	3.500	7.833
755	MISC ACCT RECDG	13	11.923	10.077	12.231	5.615	14.923	8.538	7.538	6.769	5.923	4.846	8.538
758	COMPUTER OPERATOR	97	11.423	10.577	13.124	5.536	16.536	8.722	9.041	6.361	5.155	4.804	8.515
769	CLERK (MISC)	23	11.478	10.391	12.043	6.348	14.913	7.391	7.957	6.739	5.957	4.217	8.826
772	OFFICE MGR	21	11.619	10.571	12.095	6.048	16.190	10.000	9.095	6.857	6.143	4.000	8.286
789	OTHER "PUB CONTACT" OCCS	10	11.600	11.600	12.000	6.300	16.900	11.400	9.200	6.500	5.700	3.600	8.000
791	RADIO, TELEGR, TTY OP	16	11.125	10.125	13.188	6.438	16.438	9.063	10.125	6.875	5.375	5.375	10.250
796	MAIL CARRIER	20	11.550	9.600	13.300	6.700	16.350	10.400	9.550	6.850	6.100	5.050	9.150
797	MISC CLERICAL	108	11.315	9.796	12.074	5.463	15.380	7.926	8.463	6.000	5.370	4.370	9.389
798	MISC ADMINISTRATIVE	59	11.644	11.017	14.814	6.814	17.864	11.339	10.675	7.220	6.441	5.305	10.136
810	ELECTRICIAN	211	11.498	10.668	12.460	6.545	15.559	9.711	9.379	6.483	6.352	4.924	10.261
811	ELECTRONIC TECHNICIAN	258	11.589	11.775	13.702	6.225	17.380	11.581	11.688	7.333	6.430	5.752	12.422
812	APPLIANCE REPAIR	51	11.412	10.882	12.020	4.922	15.078	9.569	10.314	7.137	6.098	5.235	11.314
813	PHONE INSTALL & REPAIR	53	11.887	11.396	13.151	6.019	16.660	9.321	10.075	7.151	6.434	5.660	10.585
814	REPAIR AND SERV COMP	40	11.650	11.525	13.125	6.500	16.475	11.625	10.750	6.875	6.125	5.700	12.250
820	MECHANIC (NEC)	133	11.459	10.850	11.075	4.752	14.165	7.744	8.977	6.301	5.827	4.211	10.128
821	AUTO MECHANIC	112	11.321	10.259	11.009	4.848	14.179	8.000	8.839	6.107	5.848	4.804	10.491
822	AIRPLANE MECHANIC	101	11.426	10.970	12.168	5.495	15.525	7.752	9.158	6.743	5.980	4.772	10.000
823	OFFICE MACH REPAIR	14	11.643	12.857	13.929	5.571	18.143	11.500	12.429	8.143	6.643	6.071	13.429
824	IND MACH REPAIR	28	11.214	11.714	12.357	4.821	15.679	7.964	9.071	6.607	6.536	4.643	9.321
828	MACHINIST	276	11.384	10.866	12.152	5.500	15.453	9.120	9.406	6.645	6.156	4.888	10.192
831	CABINET MAKER	11	11.091	10.727	10.909	6.091	12.636	6.455	7.818	6.364	5.000	4.182	7.364
832	CARPENTER	63	11.317	9.365	10.762	4.603	12.905	7.222	7.429	6.349	5.635	3.762	8.810
833	METAL TRADES	119	11.269	8.714	10.765	4.731	13.277	6.924	7.739	5.866	5.168	3.824	8.647
834	BRKLYR, MASON, PTR, RFR	66	11.091	8.924	10.455	4.742	13.182	6.455	8.061	5.924	5.697	4.000	9.182
835	PLUMBER, PIPEFITTER	81	11.420	10.321	11.815	4.778	14.901	8.037	9.198	6.099	5.926	4.235	9.802
836	HEAVY EQUIP OP	42	11.452	9.690	11.667	4.714	14.762	7.238	8.405	6.071	5.548	4.214	8.810
837	MISC BLDG & CONST	43	11.070	9.581	12.093	5.163	14.907	9.907	8.186	6.977	5.535	4.442	9.186
838	MINING, QUARRYING, DRLNG	12	10.917	6.583	8.917	3.917	13.000	5.667	6.000	5.000	5.333	3.833	6.917
841	PILOT	164	11.720	11.695	15.396	7.463	19.415	14.305	12.476	8.037	7.183	6.738	12.360
843	AIRPLANE NAVIGATOR	10	12.000	11.900	16.300	9.000	19.900	16.200	12.800	8.500	7.100	6.800	11.600
848	AIR TRAFFIC CONTROLLER	10	11.600	10.400	13.100	6.300	16.200	10.500	9.600	6.500	6.100	5.200	8.300
851	MERCHANT MARINE OCC	14	11.714	10.071	12.929	5.786	19.571	11.071	10.429	6.714	6.571	5.857	9.929
852	RAILROAD OCCS	22	11.273	10.000	11.091	4.909	14.045	6.955	9.000	6.455	5.636	3.591	8.364
853	AUTO, BUS, TRUCK DRIVER	91	11.209	9.846	10.934	4.835	14.209	6.670	7.901	6.011	5.462	3.835	8.473
861	PRINTING TRADES	104	11.212	10.481	11.865	5.327	15.481	7.875	8.644	6.058	5.683	4.106	9.779
863	SURVEYOR	20	11.650	10.350	13.800	6.300	17.700	10.700	10.200	7.200	6.000	5.600	9.550
864	DRAFTSMAN	134	11.410	10.433	12.597	5.679	15.679	9.940	9.843	6.724	5.993	4.955	10.455
865	PHOTOGRAPHY	37	11.514	10.595	13.946	7.784	17.405	11.514	10.973	7.216	6.459	6.108	11.541
866	INTERIOR DECORATOR	8	11.250	11.750	13.250	6.000	14.500	10.000	11.500	7.250	6.125	5.750	11.250
867	LANDSCAPE ARCH	9	11.778	11.111	13.333	6.667	17.333	11.778	10.556	8.000	6.556	5.556	10.889
881	FOOD & BEVERAGE PREP	20	10.750	6.450	10.100	4.300	13.200	6.600	7.050	5.750	5.150	3.850	6.700
885	BUTCHER, MEAT CUTTER	35	11.257	9.143	11.057	4.571	14.314	7.257	7.829	5.914	6.143	4.286	7.686
891	MISC PERSONAL SERV	8	10.875	8.625	10.625	4.750	11.125	8.000	8.750	5.875	5.625	4.375	9.875
892	BARBER	29	11.069	10.103	10.655	5.379	13.276	6.345	6.931	5.310	5.138	3.690	7.138
893	HAIRDRESSER	18	11.556	12.000	14.056	7.111	15.111	7.778	9.167	5.556	6.111	4.389	8.556
899	GENERAL LABORER	314	11.229	9.446	10.736	4.691	[illegible]	7.258	7.930	5.930	5.586	3.939	8.162
	TOTAL	14570	11.614	11.197	14.253	6.778	[illegible]	[illegible]	[illegible]	7.173	6.555	5.335	10.447

TABLE 1.1 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST I										
			SCREENING	VOCABULARY I	LITERATURE	MUSIC	SOCIAL STUDIES	MATHEMATICS	PHYSICAL SCIENCES	BIOL SCIENCES	SCIENT ATTIT	AERO & SPACE	ELECTRICITY, ELECTRONICS
			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110	R-111
571	ACTOR	11	0.405	1.286	3.409	2.809	2.533	4.925	3.959	1.737	1.328	2.760	4.045
575	THEATRE (OTHER)	25	0.332	2.192	3.172	2.475	3.094	4.821	3.360	2.146	1.552	2.326	4.699
578	RADIO/TV ANNOUN.	23	1.076	2.162	3.973	2.447	4.366	4.484	3.608	1.821	1.465	2.098	4.374
579	MISC PERF ARTS	10	0.0	1.449	3.327	2.989	3.695	4.695	3.479	1.874	1.619	2.983	5.666
611	PRO ATHLETE	12	0.888	2.678	5.015	2.392	4.309	5.895	4.459	2.151	1.505	1.992	2.498
612	PRO ATHLETICS (AUX)	10	0.675	5.259	4.057	2.539	4.341	4.812	3.950	1.889	2.173	1.581	3.706
621	RECREATION DIR.	16	1.069	4.631	4.025	3.886	5.816	4.557	4.296	2.282	2.225	2.463	2.940
623	FRSTRY, HUNT, TRAP	22	1.468	4.507	4.788	2.924	5.121	4.768	4.091	2.069	2.263	2.708	3.749
631	FARM/RANCH OWNER	101	0.994	4.134	3.756	2.312	4.810	4.764	3.816	2.095	1.616	2.089	3.335
632	FARM/RANCH MGR	6	1.061	4.454	4.470	3.284	6.244	5.600	4.036	1.923	1.553	2.449	3.770
639	FARMING (OTHER)	206	1.093	4.424	3.711	2.236	4.730	4.685	3.783	2.232	1.934	2.175	3.488
640	MILITARY (RANK NOT IND)	51	1.027	3.457	4.785	3.053	5.394	5.197	3.821	2.180	2.226	2.088	3.861
641	MILITARY-ENLISTED	27	1.328	2.872	4.318	2.501	5.492	4.114	3.886	2.547	2.025	2.270	4.198
642	MILITARY-OFFICER	111	0.306	3.092	3.149	2.606	2.818	3.920	2.714	1.667	1.413	2.117	4.043
650	INTELLIGENCE-CIA, ETC.	12	0.829	3.962	3.317	2.604	3.677	4.678	4.192	2.597	2.007	2.187	4.086
661	POLICE (PUBLIC)	138	0.940	3.247	3.928	2.916	4.484	4.965	3.631	1.990	1.746	2.239	3.762
666	FIREMAN	43	1.591	4.307	4.074	2.115	4.938	4.624	3.708	2.069	1.849	1.919	3.818
669	OTHER PROTECTIVE	19	1.017	4.395	3.956	2.896	4.958	4.575	3.643	2.447	1.978	2.571	3.367
711A	BANKING & FINANCE, I	66	0.829	3.009	3.783	2.660	3.781	5.088	3.527	2.267	1.778	2.098	4.304
711B	BANKING & FINANCE, II	116	0.735	2.637	3.580	2.362	3.552	5.496	3.392	1.726	1.523	2.176	4.092
712	INVSTMNT,STOCK CONSULT	15	0.0	2.597	3.461	2.503	2.178	4.246	3.309	1.805	1.751	2.219	3.817
716	CPA	167	0.652	2.368	3.531	2.716	3.776	4.332	3.250	2.048	1.605	2.023	3.668
717	ACCTANT (EXC CPA)	329	0.823	3.051	3.817	2.623	4.180	5.080	3.421	2.011	1.658	2.380	3.901
721	PURCHASING AGENT	60	0.564	3.772	3.566	3.028	3.142	5.203	3.748	2.148	1.411	2.353	4.131
722	RETAIL BUYER	10	0.316	0.972	4.169	2.767	3.502	5.794	2.976	1.595	1.370	1.751	4.351
723	EFFICIENCY EXPERT	130	0.670	2.898	3.660	2.859	3.739	5.216	3.553	1.942	1.688	2.291	4.421
724	ADVERTISING	30	0.461	3.342	4.256	2.543	3.107	4.659	3.116	1.671	1.608	2.013	3.619
725	PUBLIC RELATIONS	44	0.446	2.731	4.451	2.780	3.530	5.016	3.341	1.848	1.588	2.101	4.057
726	PERSONNEL ADMIN	72	0.316	2.362	3.408	2.885	3.698	4.992	3.358	1.931	1.876	2.033	4.229
727	APPRAISING/ESTIMATING	30	0.750	1.911	3.709	2.503	3.758	4.779	2.455	1.829	1.494	1.891	3.433
728	LOAN/CREDIT INVESTIG	27	0.526	3.671	3.565	2.392	3.551	4.988	2.748	1.565	1.544	1.831	4.263
730	BUS MGMT/ADMIN (NEC)	516	0.783	2.920	3.699	2.620	3.969	5.326	3.569	2.014	1.621	2.338	3.919
731	MFG MGMT	65	0.667	2.758	3.522	2.158	4.040	5.133	3.120	1.526	1.613	2.079	3.969
732	WHSL/RET TRADE MGMT/MKTG	206	0.539	2.565	3.611	2.684	3.607	5.119	3.733	2.088	1.606	2.451	3.853
738	SUPERVISOR IN BUS	53	0.776	3.993	3.834	2.911	4.873	4.552	3.910	2.550	1.763	2.236	3.806
741	SALESCLERK	27	1.694	5.228	3.634	3.277	4.862	4.639	3.577	2.136	1.817	2.427	3.050
743	STOCKBROKER	17	0.393	2.106	2.787	2.713	2.318	4.718	2.806	2.123	1.600	1.300	3.828
745	REAL EST SLSMAN	24	1.301	2.246	3.811	2.382	4.827	5.283	4.341	1.978	1.279	1.880	4.305
746	INSURANCE SLSMAN	60	0.990	3.284	3.957	2.871	4.506	5.105	3.898	2.249	1.540	2.388	3.765
747	AUTO SLSMAN	11	0.674	3.636	3.357	2.773	4.989	4.916	3.588	1.567	1.916	2.089	3.501
748	OTHER SLSMAN (NEC)	327	0.867	3.486	3.997	2.667	4.625	5.045	3.812	2.035	1.651	2.173	4.008
749	SALES MGR	63	0.474	3.103	3.572	2.762	3.641	4.377	3.568	1.995	1.629	1.999	3.767
751	BOOKKEEPER	12	0.622	3.957	3.996	1.883	3.571	4.926	2.425	1.801	2.065	1.567	2.949
755	MISC ACCT RECDG	13	0.277	4.132	4.024	2.256	5.074	3.971	3.406	1.964	1.935	2.375	3.178
758	COMPUTER OPERATOR	37	1.249	3.816	3.919	2.762	4.856	5.318	4.151	2.306	1.793	2.478	4.203
769	CLERK (MISC)	23	1.039	4.520	3.843	2.269	4.177	4.620	3.496	2.158	1.918	2.044	3.904
772	OFFICE MGR	21	1.117	3.310	3.677	2.729	4.708	4.980	4.288	2.224	1.558	2.168	3.196
789	OTHER "PUB CONTACT" OCCS	10	0.516	3.565	4.000	2.751	4.306	3.596	3.120	1.650	0.949	1.506	3.055
791	RADIO, TELEGR, TTY OP	16	1.586	4.097	4.847	3.010	5.189	4.739	4.349	2.363	1.784	2.630	4.796
796	MAIL CARRIER	20	0.965	4.477	3.080	2.203	4.464	5.009	3.486	1.814	1.774	1.538	3.829
797	MISC CLERICAL	108	1.657	4.175	3.527	2.559	4.638	4.816	3.438	2.364	1.956	2.314	4.236
798	MISC ADMINISTRATIVE	60	1.110	3.231	4.045	2.694	4.644	5.198	3.569	1.930	1.784	2.253	3.888
810	ELECTRICIAN	211	1.263	3.880	3.786	2.538	4.665	4.844	3.694	2.203	1.792	2.213	4.115
811	ELECTRONIC TECHNICIAN	259	0.991	3.162	3.645	2.737	4.042	4.940	3.487	2.072	1.675	2.380	4.378
812	APPLIANCE REPAIR	51	1.169	3.576	3.432	2.279	4.029	4.627	3.271	2.117	1.603	2.346	3.972
813	PHONE INSTALL & REPAIR	53	0.320	3.134	3.900	2.561	3.782	4.611	3.686	2.627	1.448	2.103	4.343
814	REPAIR AND SERV COMP	40	0.921	3.178	3.763	2.658	4.385	5.152	3.875	2.554	2.115	2.090	5.083
820	MECHANIC (NEC)	133	1.091	3.974	3.611	2.251	4.563	4.410	3.524	2.188	1.712	2.093	3.884
821	AUTO MECHANIC	112	1.224	4.575	3.824	2.251	4.962	4.476	3.762	2.223	1.983	2.293	4.293
822	AIRPLANE MECHANIC	101	1.043	3.562	3.553	2.464	4.757	4.016	3.393	1.880	1.871	2.186	3.789
823	OFFICE MACH REPAIR	16	0.497	1.231	2.645	2.409	3.570	5.984	2.766	1.791	1.216	1.774	3.524
824	IND MACH REPAIR	20	1.548	3.017	4.011	2.310	4.381	5.433	3.196	1.812	1.774	1.768	3.443
828	MACHINIST	274	1.270	3.853	3.586	2.617	4.431	4.703	3.457	2.282	1.621	2.230	3.885
831	CABINET MAKER	11	1.578	3.036	3.833	2.468	4.388	4.698	2.750	2.157	1.844	2.272	3.042
832	CARPENTER	43	1.280	4.857	3.537	2.407	5.345	4.312	3.600	2.186	2.260	2.205	3.658
833	METAL TRADES	119	1.351	4.973	3.471	2.328	4.480	3.948	3.446	2.166	1.901	2.204	4.033
834	BRKLYR, MASON, PTR, RFR	66	1.333	5.067	4.054	2.389	4.911	3.734	3.551	2.093	1.961	2.023	4.000
835	PLUMBER, PIPEFITTER	91	1.171	4.159	4.003	2.253	5.424	4.633	3.484	2.225	1.967	2.254	3.541
836	HEAVY EQUIP OP	42	1.064	4.836	4.281	2.957	4.938	4.616	3.589	2.321	1.966	2.078	3.542
837	MISC BLDG & CONST	43	2.075	4.447	3.618	2.699	4.561	4.444	3.581	2.220	2.186	2.185	3.844
838	MINING, QUARRYING, DRLNG	12	1.730	5.600	2.644	2.678	4.899	4.119	2.412	1.706	1.723	1.697	2.644
841	PILOT	164	0.862	1.999	3.817	2.558	3.332	4.992	3.292	1.566	1.560	2.159	3.826
843	AIRPLANE NAVIGATOR	10	0.0	1.135	3.561	1.764	3.755	3.293	2.741	1.716	2.025	1.549	4.402
848	AIR TRAFFIC CONTROLLER	10	0.699	3.340	4.067	2.406	4.917	5.148	2.591	1.354	1.729	2.201	2.710
851	MERCHANT MARINE OCC	16	1.069	4.215	5.196	1.672	2.503	4.859	3.567	2.431	0.938	2.825	3.990
852	RAILROAD OCCS	22	1.518	3.940	4.374	2.543	4.520	5.094	4.375	2.464	2.105	2.085	3.566
853	AUTO, BUS, TRUCK DRIVER	91	1.410	4.623	3.651	2.301	4.461	3.697	3.559	2.163	1.974	2.282	3.569
861	PRINTING TRADES	104	1.370	4.053	3.604	2.529	4.829	4.502	3.174	2.180	1.764	2.247	3.882
863	SURVEYOR	20	0.933	3.760	4.175	2.958	4.824	5.182	3.427	2.142	1.451	2.415	3.720
864	DRAFTSMAN	134	1.478	3.961	3.372	2.506	4.404	4.480	3.433	2.229	1.975	2.141	3.840
865	PHOTOGRAPHY	37	0.989	4.252	4.061	2.605	4.153	5.718	3.947	2.382	2.155	2.525	4.305
866	INTERIOR DECORATOR	8	1.165	3.454	4.132	2.777	5.451	7.071	4.567	2.693	2.416	1.982	3.694
867	LANDSCAPE ARCH	9	0.441	0.333	5.074	2.693	4.093	6.379	4.978	1.732	2.068	2.128	4.106
881	FOOD & BEVERAGE PREP	20	1.650	5.346	4.973	2.227	6.101	4.031	3.776	2.468	2.300	2.390	3.868
885	BUTCHER, MEAT CUTTER	35	1.358	4.400	4.072	1.960	4.562	4.955	3.129	2.188	1.785	2.359	3.633
891	MISC PERSONAL SERV	8	1.553	5.805	4.438	1.909	6.468	4.598	3.495	1.727	1.996	1.685	3.758
892	BARBER	29	1.811	4.056	3.015	2.060	4.479	3.801	3.380	2.055	2.083	1.257	2.787
893	HAIRDRESSER	18	0.984	4.728	3.780	3.066	5.144	3.904	3.451	2.036	1.676	2.933	4.260
899	GENERAL LABORER	314	1.449	4.724	3.889	2.467	4.850	4.441	3.628	2.377	2.005	2.119	3.769
	TOTAL	14570	0.984	3.531	4.363	2.929	4.723	5.833	4.008	2.189	1.812	2.403	4.294

TABLE 1.1 (continued)

			MEANS											
			INFORMATION TEST I (CONTD.)					INFORMATION TEST II						
#	GROUP	N	MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE	JOURNALISM	FOREIGN TRAVEL
			R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135	R-136	R-137
000	NO ANSWER	1766	12.636	8.110	8.772	8.424	6.451	5.160	6.044	3.433	2.783	1.886	2.890
001	DON'T KNOW	734	12.649	9.316	8.798	8.722	6.444	5.193	6.010	3.541	2.805	1.881	2.905
101	EXECUTIVE (NEC)	59	13.220	8.161	9.407	9.966	7.356	5.712	6.525	3.593	3.119	2.203	3.373
102	FOREMAN (NEC)	103	13.592	8.476	9.553	8.330	5.942	4.883	5.777	3.282	2.777	1.670	2.573
111	WORK FOR GOVT (NEC)	40	11.816	7.510	8.429	8.531	6.776	4.857	6.265	3.306	2.837	1.816	2.918
112	IN BUS. FOR SELF (NEC)	255	13.329	8.129	8.692	8.604	6.255	5.047	5.992	3.471	2.710	1.847	2.882
120	IND., BUS., COMM. (NEC)	161	13.037	8.217	8.491	9.137	6.447	5.280	6.155	3.379	2.845	2.093	3.043
121	RETAIL (NEC)	22	12.909	8.182	8.364	9.364	6.864	5.455	6.136	3.500	2.955	2.045	3.091
122	TRANSPORTATION (NEC)	16	13.625	8.250	9.188	10.125	7.189	6.063	6.625	3.625	3.125	2.313	3.563
123	REAL ESTATE(NEC)	9	12.222	7.778	9.444	9.111	7.444	5.333	6.444	3.556	3.000	1.667	3.222
124	INSURANCE (NEC)	24	13.292	8.500	10.000	8.708	6.750	5.458	6.458	3.292	2.750	2.000	3.000
125	ELECTRONICS (NEC)	113	13.504	8.451	9.035	8.389	6.611	5.230	6.186	3.584	2.779	1.867	2.841
211	MATH., STAT.	42	12.762	8.048	9.238	10.190	7.714	6.095	6.952	3.619	3.214	2.214	3.286
212	OTHER STATISTICS	10	14.300	8.900	9.700	10.700	7.000	6.300	6.900	3.900	4.200	2.500	4.100
221	SYSTEMS ANALYST	56	13.714	9.071	10.357	10.500	7.696	6.286	7.054	3.804	3.321	2.446	3.589
222	COMPUTER PROG.	173	12.769	9.029	8.815	9.491	7.150	5.468	6.335	3.584	3.006	2.081	3.156
229	COMPUTER SPEC. (NEC)	38	13.395	9.421	9.816	10.053	7.500	6.026	6.789	3.868	3.421	2.132	3.658
230	PHYS. SCI. (NEC)	16	14.375	9.000	10.375	9.688	7.625	6.250	7.063	4.313	3.625	2.375	3.875
231	CHEMIST	93	14.086	8.828	9.699	10.129	7.817	6.301	7.280	4.032	3.430	2.419	3.570
232	PHYSICIST	53	15.132	9.264	9.849	10.075	8.321	6.472	7.340	4.075	3.774	2.472	3.623
234	GEOLOGIST	22	14.591	9.319	10.455	9.909	8.500	6.819	7.182	4.273	3.636	2.409	3.818
240	ENGINEER (NEC)	268	14.448	8.738	9.903	10.278	7.802	6.246	7.000	4.044	3.556	2.427	3.472
241	CIVIL ENGINEER	97	14.155	8.794	9.959	9.907	7.299	6.041	6.928	3.987	3.361	2.268	3.464
242	ELEC. ENGINEER	236	14.641	8.833	9.709	9.487	7.483	5.919	6.932	3.987	3.291	2.248	3.299
243	MECH. ENGINEER	139	15.050	8.906	9.878	9.662	7.741	6.007	6.964	4.014	3.403	2.288	3.417
244	AERONAUTICAL ENG.	40	14.975	9.050	10.100	10.150	7.525	6.100	7.325	4.050	3.550	2.425	3.500
245	CHEM. ENGINEER	49	14.688	8.813	10.563	10.021	7.729	6.313	7.354	4.104	3.688	2.458	3.646
250	ARCHITECT	64	13.944	8.875	9.500	9.891	8.250	5.922	6.953	4.125	3.719	2.281	3.469
299	PHYS. SCI., LAB TECH.	100	13.080	8.440	9.420	9.200	6.440	5.090	6.220	3.600	2.760	1.940	2.940
310	BIOLOGIST, ZOOLOGIST	48	14.208	9.021	9.958	9.521	7.333	5.875	7.063	3.917	3.542	2.271	3.604
313	SPEC. IN AGRIC. SCI.	33	13.909	10.424	10.212	9.667	6.697	5.212	6.606	3.818	3.152	2.091	3.212
314	WLDLF/FOREST SPEC.	43	13.721	9.395	10.349	9.605	7.209	5.419	6.581	3.953	3.163	2.023	3.163
316	MICROBIOLOGIST	9	14.667	9.556	10.333	10.556	8.667	6.556	7.889	3.889	4.111	2.667	3.778
317	BIOCHEMIST	10	14.600	8.600	11.500	9.200	7.800	5.800	7.400	3.600	3.400	2.300	3.700
322	MD-SURGEON	8	15.500	9.375	12.500	10.625	8.500	7.375	7.750	4.000	4.625	2.375	4.000
329	MD-OTHER	186	13.801	9.005	9.989	10.839	8.549	6.446	7.548	3.849	3.742	2.565	3.785
332	DENTIST	92	14.000	8.620	9.511	10.641	7.543	6.228	7.098	3.924	3.630	2.402	3.674
333	VETERINARIAN	30	14.657	10.567	9.967	10.300	7.067	5.633	7.067	4.133	2.800	2.067	3.167
335	PHARMACIST	81	13.652	8.663	9.573	10.112	7.427	5.944	7.135	3.843	3.090	2.303	3.281
336	OPTOMETRIST	14	13.000	8.296	9.786	9.714	7.929	5.643	7.071	3.857	3.357	2.214	3.214
337	RN	8	13.500	8.625	9.875	6.500	7.125	5.375	7.250	3.500	3.500	2.250	3.125
345	CHIROPRACTOR	9	12.889	8.667	9.889	8.556	6.556	4.333	6.556	3.333	2.222	1.778	2.556
347	MED/DENT TECHNOL.	15	14.267	9.733	8.600	8.667	7.267	5.400	6.533	4.000	2.467	2.400	3.133
348	MED/DENT TECHNICIAN	31	11.968	7.226	8.774	8.161	5.742	4.968	5.581	3.387	2.097	1.806	2.548
350	HOSPITAL ADMIN.	13	12.615	8.462	9.231	9.692	7.538	5.923	6.769	3.538	3.462	2.154	3.385
360	PSYCHOLOGIST	94	12.553	8.330	9.521	9.819	8.394	6.117	7.043	3.606	3.277	2.426	3.649
370	SOCIAL WORKER	65	12.492	8.338	9.062	9.492	7.385	5.600	6.354	3.538	3.262	2.400	3.338
372	COUNSELING/GUIDANCE	10	13.200	9.200	10.000	9.800	7.700	6.100	7.000	3.900	3.600	2.700	3.400
373	VOC/ED GUIDANCE	42	12.929	8.881	10.310	9.595	6.952	6.119	6.548	3.619	3.429	2.143	3.262
382	ECONOMIST	32	13.656	8.094	9.656	9.125	7.875	6.188	7.250	3.750	3.563	2.500	3.625
389	SOC. SCI. (MISC)	31	13.226	9.129	9.935	10.194	8.323	5.839	6.774	3.968	3.806	2.387	3.968
391	POLITICIAN	16	11.750	8.688	8.500	10.000	6.938	6.250	6.875	3.875	3.688	2.313	3.938
392	DIPLOMAT	21	14.238	8.524	9.619	10.476	8.810	6.333	7.095	3.952	3.810	2.476	3.714
393	LAWYER	342	13.474	8.588	9.693	11.099	8.404	6.640	7.135	3.915	3.722	2.605	3.904
394	MARKET ANALYST	15	13.600	8.400	8.467	9.333	7.667	6.067	7.000	4.067	3.133	2.267	3.600
397	PUBLIC ADM (NEC)	16	14.563	9.000	9.688	9.875	6.750	6.000	6.875	3.563	3.250	2.188	3.688
398	CITY PLANNER (NEC)	21	14.238	9.381	9.381	10.762	8.238	6.333	7.381	4.048	4.143	2.571	4.143
400	TEACHER (NEC)	479	13.224	8.734	9.324	9.841	7.182	5.663	6.456	3.743	3.266	2.228	3.331
412	TEACHER-ELEM.	53	13.075	8.453	9.075	8.717	6.925	5.679	6.509	3.604	3.189	2.019	3.358
420	TEACHER-HS (NEC)	94	13.153	8.847	9.714	10.378	7.041	5.643	6.806	3.592	3.347	2.255	3.306
421	TEACHER-HS MATH	65	12.723	8.538	9.308	10.015	6.892	5.908	6.831	3.769	3.000	2.185	3.277
422	TEACHER-HS SCIENCE	68	13.765	9.029	10.132	9.529	7.676	5.721	6.662	4.221	3.206	2.221	3.426
423	TEACHER-HS SOC. ST.	85	12.635	8.541	9.118	10.118	7.553	5.835	6.694	3.812	3.294	2.106	3.553
424	TEACHER-ENGLISH	38	12.895	8.500	9.868	9.605	7.895	5.974	7.000	3.974	3.789	2.447	3.684
425	TEACHER-FOR. LANG.	14	11.214	7.429	8.571	8.500	7.500	4.929	7.071	3.786	3.000	2.429	3.786
426	TEACHER-COMM. ED.	14	12.571	8.857	8.786	10.214	8.214	5.214	6.714	3.714	2.929	2.214	3.643
428	TEACHER-TRADES	50	14.280	8.840	9.880	9.200	6.480	5.240	6.260	3.980	2.860	2.000	2.760
429	TEACHER-PHYS. ED.	57	12.368	8.158	8.912	10.684	6.807	5.158	6.404	3.596	2.825	1.982	3.140
431	TEACHER-ART	12	13.583	8.583	10.833	7.583	8.417	5.417	6.917	4.167	3.833	1.917	3.833
432	TEACHER-MUSIC	30	12.600	8.500	9.933	8.433	7.267	5.467	6.633	3.633	3.000	2.200	3.433
440	TEACHER-HANDICAPPED	12	13.083	7.583	10.333	8.583	7.583	5.833	6.250	3.500	3.750	2.333	3.333
450	SCH. ADMIN. (EXC. COLL.)	45	12.378	8.600	9.578	9.800	7.289	5.600	6.578	3.467	3.044	2.222	3.356
460	COLL/UNIV TCHR (NEC)	214	13.407	8.706	9.818	10.252	8.206	6.383	7.262	3.911	3.668	2.505	3.776
461	COLL/UNIV TCHR-MATH	30	14.033	8.600	9.200	10.967	8.600	6.667	7.600	3.933	3.767	2.500	3.967
462	COLL/UNIV TCHR-SCI	49	14.479	9.583	11.396	10.604	8.292	6.500	7.542	4.167	3.833	2.542	3.917
463	COLL/UNIV TCHR-SOC SCI	81	12.975	8.975	9.593	10.728	8.491	6.617	7.296	3.901	3.914	2.630	4.123
464	COLL/UNIV TCHR-ENGLISH	44	13.523	8.841	9.477	10.364	8.614	6.659	6.932	3.841	3.568	2.568	3.909
470	COLL/UNIV TCHR-ADM	13	13.385	9.385	9.769	10.385	7.615	5.615	7.231	3.462	2.769	2.385	3.462
511	LIBRARIAN	9	11.778	7.333	9.000	8.222	8.000	6.222	6.333	3.667	3.333	2.556	4.000
521	CLERGYMAN	177	12.525	8.774	9.401	9.017	7.480	5.814	6.605	3.548	3.373	2.209	3.418
523	RELIGIOUS WORKER (OTHER)	23	12.000	8.696	8.826	9.304	6.565	5.217	6.435	3.217	2.609	1.826	2.739
531	WRITER (NEC)	21	13.190	8.619	9.429	9.524	8.524	6.048	7.048	3.667	3.190	2.524	3.667
534	JOURNALIST/REPORTER	43	12.163	8.116	8.814	9.860	7.395	5.930	6.698	3.674	3.256	2.558	3.721
537	EDITOR	10	13.100	8.900	7.200	10.300	7.700	7.200	7.100	3.900	3.900	2.700	3.600
541	FINE ARTS	22	13.318	8.091	9.455	7.773	8.318	5.318	6.545	3.909	3.500	2.091	3.273
545	COMM ARTIST	54	13.130	8.278	8.833	8.222	7.963	5.167	6.315	3.630	3.241	1.907	3.315
547	DESIGNER (CONS GOODS)	14	14.357	8.786	10.143	8.071	7.429	5.143	6.500	3.500	3.071	2.143	3.357
551	MUSICIAN	17	12.529	7.412	9.176	8.941	7.176	4.824	6.235	3.647	2.882	1.824	3.588

TABLE 1.1 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST I (CONTD.)					INFORMATION TEST II					
			MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE	JOURNALISM	FOREIGN TRAVEL
			R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135	R-136	R-137
000	NO ANSWER	1756	3.432	2.342	2.921	2.919	2.428	1.778	1.917	1.220	1.364	0.955	1.287
001	DON'T KNOW	734	3.047	2.207	2.744	2.938	2.501	1.755	1.959	1.134	1.331	0.935	1.281
101	EXECUTIVE (NEC)	59	2.989	1.792	2.102	2.580	2.227	1.742	1.685	1.052	1.301	0.805	1.244
102	FOREMAN (NEC)	103	3.082	2.004	2.678	2.706	2.209	1.523	1.668	1.263	1.267	0.974	1.362
111	WORK FOR GOVT (NEC)	49	2.949	2.551	2.677	2.416	2.519	1.458	1.879	1.122	1.359	0.950	1.320
112	IN BUS. FOR SELF (NEC)	255	3.035	2.169	2.726	2.905	2.222	1.745	1.895	1.193	1.332	0.903	1.249
120	IND., BUS., COMM. (NEC)	161	3.008	2.196	2.560	2.781	2.444	1.848	1.849	1.156	1.354	0.850	1.375
121	RETAIL (NEC)	22	3.085	2.423	3.499	2.401	2.475	1.595	2.007	1.300	1.495	0.844	1.019
122	TRANSPORTATION (NEC)	16	2.680	2.436	2.316	2.419	1.559	1.611	1.147	1.360	1.204	0.602	1.094
123	REAL ESTATE(NEC)	9	3.309	1.093	2.744	3.140	1.236	1.500	1.130	1.236	1.118	1.225	0.972
124	INSURANCE (NEC)	24	3.263	2.126	3.148	2.629	2.005	1.641	1.532	1.122	1.327	1.022	1.180
125	ELECTRONICS (NEC)	113	2.696	2.220	2.819	2.737	2.119	1.482	1.730	1.171	1.273	0.850	1.049
211	MATH., STAT.	42	3.275	2.263	2.986	2.233	2.277	1.635	1.431	1.035	1.180	0.871	1.367
212	OTHER STATISTICS	10	2.058	1.287	3.433	1.567	2.160	1.829	1.595	0.876	1.229	0.707	0.568
221	SYSTEMS ANALYST	55	2.965	2.035	2.993	1.982	1.990	1.303	1.482	0.903	1.309	0.658	0.987
222	COMPUTER PROG.	173	3.189	2.190	2.615	2.569	2.277	1.637	1.675	0.994	1.429	0.872	1.231
229	COMPUTER SPEC. (NEC)	38	3.405	2.062	2.619	2.155	1.928	1.619	1.818	0.935	0.919	0.875	1.146
230	PHYS. SCI. (NEC)	16	2.363	1.366	2.363	2.243	2.247	1.770	1.843	1.014	0.957	1.025	1.360
231	CHEMIST	93	2.628	1.976	2.722	2.374	2.202	1.654	1.447	0.972	1.425	0.756	1.201
232	PHYSICIST	53	2.158	1.711	2.605	2.464	1.858	1.409	1.556	1.071	1.219	0.608	0.945
234	GEOLOGIST	22	3.621	1.524	3.419	2.428	1.896	0.958	1.053	0.985	1.329	0.796	1.097
240	ENGINEER (NEC)	248	2.835	1.894	2.904	2.278	1.925	1.574	1.431	0.958	1.281	0.663	1.193
241	CIVIL ENGINEER	97	2.643	1.887	2.835	2.372	2.015	1.541	1.386	0.934	1.348	0.810	1.071
242	ELEC. ENGINEER	234	2.842	1.957	2.874	2.466	2.087	1.612	1.302	1.004	1.330	0.769	1.098
243	MECH. ENGINEER	139	2.733	2.014	2.979	2.628	2.397	1.622	1.576	1.000	1.255	0.792	1.185
244	AERONAUTICAL ENG.	40	2.322	1.811	2.550	2.155	2.386	1.566	1.439	0.876	1.339	0.781	1.198
245	CHEM. ENGINEER	48	2.280	1.986	2.744	2.701	2.081	1.446	1.000	0.973	1.188	0.743	1.062
250	ARCHITECT	64	3.041	1.453	2.631	2.595	1.992	1.646	1.656	1.076	1.228	0.863	1.154
299	PHYS. SCI., LAB TECH.	100	2.722	2.017	2.731	2.361	2.213	1.505	1.353	1.064	1.443	0.862	1.278
310	BIOLOGIST, ZOOLOGIST	48	2.649	1.780	2.713	2.625	2.097	1.606	1.450	0.871	1.148	0.792	1.047
313	SPEC. IN AGRIC. SCI.	33	2.441	1.119	3.180	2.582	2.352	1.596	1.676	0.846	1.326	0.879	1.166
314	WLDLF/FOREST SPEC.	43	2.218	1.635	2.878	2.592	2.166	1.749	1.636	0.950	1.271	0.886	1.194
316	MICROBIOLOGIST	9	2.236	1.944	3.240	2.068	1.118	1.130	0.782	0.782	1.364	0.500	1.302
317	BIOCHEMIST	10	2.951	2.221	4.327	3.853	2.348	1.398	1.578	0.966	0.966	0.949	0.949
322	MD-SURGEON	8	3.891	1.506	3.703	2.77	2.330	1.061	0.707	0.926	1.408	0.518	1.414
329	MD-OTHER	186	2.753	1.599	2.687	2.137	2.113	1.499	1.311	1.013	1.310	0.631	1.229
332	DENTIST	92	2.049	1.670	2.658	2.236	2.231	1.498	1.351	0.855	1.373	0.696	1.178
333	VETERINARIAN	30	2.682	1.135	2.414	2.322	1.799	1.474	1.437	0.730	1.297	0.740	1.367
335	PHARMACIST	89	3.137	2.412	3.071	2.333	1.971	1.457	1.333	0.964	1.285	0.760	1.206
336	OPTOMETRIST	14	2.961	1.858	2.424	2.301	1.774	2.061	0.917	0.770	1.277	0.893	1.311
337	RN	8	2.070	1.506	3.399	3.117	1.246	1.408	0.707	0.535	0.926	0.707	0.991
345	CHIROPRACTOR	9	2.522	1.500	2.619	2.506	1.944	1.225	1.667	1.118	1.302	0.972	1.130
347	MED/DENT TECHNOL.	15	3.058	2.086	3.180	3.132	1.907	1.724	1.552	1.000	1.552	0.828	1.125
348	MED/DENT TECHNICIAN	31	3.125	2.692	1.978	2.841	2.206	1.494	1.728	1.086	1.106	0.910	1.287
350	HOSPITAL ADMIN.	13	3.228	1.391	3.059	2.250	1.984	1.754	1.787	1.127	1.050	0.801	1.193
360	PSYCHOLOGIST	94	3.018	2.002	2.691	2.414	2.012	1.516	1.613	0.953	1.290	0.613	1.034
370	SOCIAL WORKER	65	2.824	1.923	2.732	2.392	1.893	1.519	1.535	1.251	1.203	0.703	1.176
372	COUNSELING/GUIDANCE	10	2.751	1.932	2.211	2.044	2.111	1.853	0.943	0.994	1.506	0.675	1.075
373	VOC/ED GUIDANCE	42	2.570	1.990	3.135	2.499	2.347	1.452	1.273	1.147	1.328	0.647	1.466
382	ECONOMIST	32	2.280	1.711	2.560	2.472	2.420	1.256	1.503	1.047	1.458	0.622	1.040
389	SOC. SCI. (MISC)	31	3.374	1.607	2.828	1.973	1.720	1.715	1.521	1.080	1.195	0.761	1.048
391	POLITICIAN	16	2.840	1.702	2.781	2.733	2.720	1.183	1.360	1.586	1.302	0.793	0.998
392	DIPLOMAT	21	3.330	2.839	2.924	2.015	2.462	1.770	1.300	1.117	1.030	0.928	1.419
393	LAWYER	342	2.895	2.005	2.604	2.154	1.954	1.452	1.422	0.993	1.273	0.583	1.030
394	MARKET ANALYST	15	2.667	1.121	2.167	2.410	1.915	1.223	1.254	0.799	1.457	0.884	0.737
397	PUBLIC ADM (NEC)	16	2.220	1.862	2.496	1.962	1.807	1.461	1.544	1.365	1.438	0.750	0.946
398	CITY PLANNER (NEC)	21	2.166	1.627	2.692	1.868	1.513	1.494	1.161	1.203	1.352	0.598	0.854
400	TEACHER (NEC)	478	3.052	1.965	2.830	2.503	2.150	1.621	1.609	1.089	1.384	0.799	1.201
412	TEACHER-ELEM.	53	3.044	1.866	3.216	2.507	2.252	1.615	1.423	1.166	1.161	0.866	1.226
420	TEACHER-HS (NEC)	98	2.877	2.226	3.136	2.309	1.989	1.670	1.441	1.111	1.269	0.750	1.188
421	TEACHER-HS MATH	65	2.478	1.829	2.850	2.414	2.017	1.674	1.353	0.965	1.458	0.846	1.218
422	TEACHER-HS SCIENCE	68	3.242	1.861	3.017	2.696	2.202	1.691	1.599	0.844	1.522	0.808	1.213
423	TEACHER-HS SOC. ST.	85	3.218	2.260	2.652	2.217	2.021	1.758	1.676	1.160	1.280	0.913	1.170
424	TEACHER-ENGLISH	38	3.407	2.322	2.683	2.433	1.813	1.284	1.252	0.915	1.298	0.828	1.118
425	TEACHER-FOR. LANG.	14	1.968	1.950	2.377	3.525	2.504	1.979	1.141	1.051	0.784	0.646	1.051
426	TEACHER-COMM. ED.	14	3.368	2.282	2.577	2.155	1.718	1.188	2.164	1.383	1.639	0.699	0.929
428	TEACHER-TRADES	52	2.399	2.394	2.577	2.277	2.358	1.364	1.688	1.040	1.414	0.700	1.061
429	TEACHER-PHYS. ED.	57	2.663	2.145	2.868	1.901	2.263	1.486	1.568	1.163	1.311	0.855	1.109
431	TEACHER-ART	12	1.730	1.505	3.904	2.778	1.443	1.443	1.564	1.115	1.267	0.996	0.937
432	TEACHER-MUSIC	30	3.276	1.776	3.107	2.542	2.164	1.592	1.629	1.098	1.313	0.761	1.278
440	TEACHER-HANDICAPPED	12	3.704	2.712	3.869	2.151	1.443	1.467	2.050	1.168	1.712	0.651	0.651
450	SCH. ADMIN. (EXC. COLL.)	45	3.298	1.947	2.684	2.332	2.201	1.543	1.803	0.991	1.296	0.765	1.190
460	COLL/UNIV TCHR (NEC)	214	2.877	2.242	2.833	2.392	2.100	1.530	1.410	1.082	1.390	0.730	1.090
461	COLL/UNIV TCHR-MATH	32	2.810	2.737	2.704	2.059	2.268	1.422	1.163	1.081	1.135	0.731	0.850
462	COLL/UNIV TCHR-SCI	48	2.961	1.933	2.524	2.295	1.856	1.414	1.288	0.781	1.342	0.683	0.919
463	COLL/UNIV TCHR-SOC SCI	81	3.286	1.975	3.081	2.340	1.950	1.521	1.269	1.102	1.227	0.580	0.797
464	COLL/UNIV TCHR-ENGLISH	44	3.281	1.804	3.195	2.562	2.180	1.642	1.469	0.987	1.246	0.728	1.053
470	COLL/UNIV TCHR-ADM	13	1.261	2.022	2.619	1.938	2.256	1.387	1.235	0.660	1.235	0.650	0.660
511	LIBRARIAN	9	3.734	2.236	3.606	2.906	2.062	0.972	1.871	1.323	1.581	0.726	1.000
521	CLERGYMAN	177	2.812	1.801	3.246	3.035	2.403	1.737	1.571	1.182	1.339	0.877	1.286
523	RELIGIOUS WORKER (OTHER)	23	2.908	2.204	2.289	2.494	2.873	2.022	2.085	0.951	1.406	1.029	1.389
531	WRITER (NEC)	21	3.234	2.085	2.675	2.562	1.940	1.596	1.658	0.966	1.436	0.750	1.111
534	JOURNALIST/REPORTER	43	2.845	2.049	2.728	2.957	2.140	1.639	1.641	1.322	1.382	0.700	0.984
537	EDITOR	10	2.767	1.989	1.398	1.494	2.163	1.549	1.524	1.370	1.197	0.675	0.966
541	FINE ARTS	22	3.510	2.045	2.595	3.664	2.255	1.615	1.335	1.192	1.371	1.109	1.120
545	COMM ARTIST	54	2.991	2.023	2.912	2.320	2.000	1.489	1.600	0.977	1.427	0.734	1.130
547	DESIGNER (CONS GOODS)	14	3.225	2.359	2.685	1.492	2.027	1.994	1.605	1.092	1.207	0.770	1.151
551	MUSICIAN	17	1.375	2.293	2.767	2.968	2.378	1.879	1.888	1.169	1.317	0.809	1.176

TABLE 1.1 (continued)

#	GROUP	N	MEANS										
			INFORMATION TEST I (CONTD.)				INFORMATION TEST II						
			MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE	JOURNALISM	FOREIGN TRAVEL
			R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135	R-136	R-137
571	ACTOR	11	11.545	8.000	10.364	8.727	8.455	5.545	6.455	3.727	3.545	2.636	3.545
575	THEATRE (OTHER)	25	12.000	8.480	8.520	8.760	8.320	5.840	6.480	3.680	3.080	2.320	3.520
578	RADIO/TV ANNOUN.	23	13.130	8.043	8.826	9.043	7.696	5.826	6.174	3.739	3.043	2.348	3.304
579	MISC PERF ARTS	10	15.000	9.300	11.300	10.500	6.600	5.800	7.000	4.200	3.400	2.700	3.100
611	PRO ATHLETE	12	13.333	7.750	8.333	9.500	5.667	5.167	5.917	3.167	2.667	2.000	2.417
612	PRO ATHLETICS (AUX)	10	12.200	8.500	7.100	10.900	5.300	5.200	5.700	2.700	3.200	1.900	2.600
621	RECREATION DIR.	14	11.214	8.214	8.429	10.571	6.357	5.143	6.071	3.214	2.214	1.786	2.857
623	FRSTRY, HUNT, TRAP	22	12.500	8.682	9.136	7.273	6.409	4.773	5.909	3.364	2.136	1.682	2.636
631	FARM/RANCH OWNER	123	13.992	10.211	8.390	7.724	5.171	4.610	5.756	3.366	2.366	1.545	2.268
632	FARM/RANCH MGR	8	14.500	11.125	10.250	9.250	5.625	5.875	6.375	3.375	2.250	2.250	2.875
639	FARMING (OTHER)	204	12.951	9.882	8.132	7.441	5.142	4.505	5.412	3.294	2.451	1.441	2.196
640	MILITARY (RANK NOT IND	51	12.569	8.451	8.569	8.980	6.118	5.314	5.686	3.451	2.627	1.882	2.824
641	MILITARY-ENLISTED	27	13.148	8.111	7.689	8.296	6.370	5.444	5.778	3.259	2.926	1.444	2.667
642	MILITARY-OFFICER	111	14.649	9.351	10.018	10.486	7.703	6.333	6.748	4.207	3.450	2.252	3.685
650	INTELLIGENCE-CIA, ETC.	15	12.800	8.333	8.467	9.800	7.600	5.333	6.333	3.200	3.200	2.133	2.467
661	POLICE (PUBLIC)	188	12.660	8.059	8.574	8.500	6.644	5.303	5.979	3.319	2.835	1.856	3.069
666	FIREMAN	48	11.875	7.198	8.167	8.167	5.625	4.438	5.563	3.417	2.563	1.688	2.646
669	OTHER PROTECTIVE	19	10.316	6.947	7.789	8.158	7.158	5.053	5.684	3.000	2.474	1.842	2.684
711A	BANKING & FINANCE, I	66	13.000	8.273	9.045	8.985	6.485	5.439	6.227	3.394	3.136	1.848	3.030
711B	BANKING & FINANCE, II	114	13.406	8.316	8.974	10.175	7.246	6.202	6.833	3.684	2.947	2.307	3.447
712	INVSTMNT,STOCK CONSULT	15	13.200	8.800	9.933	10.267	8.000	6.200	7.200	3.600	3.467	2.467	4.200
716	CPA	167	13.102	8.192	9.234	9.988	7.365	5.862	6.473	3.641	3.162	2.359	3.263
717	ACCTANT (EXC CPA)	329	12.404	7.942	8.894	9.483	6.736	5.374	6.280	3.438	2.784	1.997	3.052
721	PURCHASING AGENT	40	13.050	9.325	9.400	10.000	7.475	5.525	6.475	3.700	3.000	2.225	2.975
722	RETAIL BUYER	10	12.200	8.000	8.200	9.900	7.900	5.600	6.600	3.400	3.100	2.200	3.100
723	EFFICIENCY EXPERT	130	14.077	9.015	9.515	10.008	7.315	5.923	6.738	3.900	3.231	2.346	3.446
724	ADVERTISING	30	12.033	7.733	8.867	10.300	8.633	5.833	6.833	3.667	3.567	2.400	3.767
725	PUBLIC RELATIONS	44	12.569	8.773	8.932	10.205	7.455	5.932	6.386	3.750	3.205	2.273	3.523
726	PERSONNEL ADMIN	72	13.208	8.556	9.556	10.069	7.347	5.792	6.708	3.639	3.097	2.236	3.236
727	APPRAISING/ESTIMATING	35	13.314	8.657	8.914	9.714	7.171	5.571	6.314	3.857	3.086	2.286	3.200
728	LOAN/CREDIT INVESTIG	27	13.185	7.778	9.370	9.444	7.111	5.852	6.037	3.667	2.704	2.370	3.296
730	BUS MGMT/ADMIN (NEC)	514	13.313	8.613	9.146	9.763	7.198	5.638	6.481	3.693	3.095	2.206	3.290
731	MFG MGMT	55	14.800	8.564	9.818	9.636	7.164	6.109	6.782	3.782	3.255	2.236	3.255
732	WHSL/RET TRADE MGMT/MKTG	204	13.436	8.441	9.475	9.662	7.054	5.574	6.382	3.657	3.025	2.235	3.162
738	SUPERVISOR IN BUS	53	12.736	8.283	8.811	8.566	6.113	4.585	5.868	3.434	2.887	1.755	2.528
741	SALESCLERK	27	12.259	7.852	7.630	8.111	5.889	4.741	5.667	3.111	2.630	1.259	2.407
743	STOCKBROKER	17	13.824	9.176	8.941	10.529	7.647	6.647	7.118	4.000	3.824	2.529	3.471
745	REAL EST SLSMAN	24	12.250	7.875	8.125	8.417	6.792	5.208	6.458	3.500	2.750	1.542	3.000
746	INSURANCE SLSMAN	69	12.261	8.145	8.087	9.406	6.464	5.623	6.507	3.420	2.812	2.014	3.029
747	AUTO SLSMAN	11	13.364	8.455	7.000	8.364	6.455	5.091	5.636	3.455	2.909	1.455	2.273
748	OTHER SLSMAN (NEC)	327	13.159	8.263	8.893	9.187	6.734	5.391	6.300	3.483	2.813	2.083	2.932
749	SALES MGR	63	13.492	8.444	9.397	9.667	7.238	5.619	6.635	3.746	3.206	2.206	3.317
751	BOOKKEEPER	12	11.583	8.833	7.083	9.167	4.417	4.000	5.250	2.417	2.667	1.667	1.833
755	MISC ACCT RECDG	13	11.538	7.385	8.000	7.000	6.154	5.231	5.462	3.539	2.538	1.615	2.692
758	COMPUTER OPERATOR	97	12.010	7.268	8.351	8.196	6.381	4.979	5.722	3.330	2.505	1.711	2.742
769	CLERK (MISC)	23	12.478	8.130	8.435	7.522	5.739	5.000	5.217	3.304	2.783	1.609	2.739
772	OFFICE MGR	21	12.190	7.905	9.143	7.667	6.429	4.952	5.905	3.333	2.905	1.762	2.714
789	OTHER "PUB CONTACT" OCCS	10	12.400	8.100	8.700	8.500	5.200	5.400	5.700	3.200	2.200	1.600	2.300
791	RADIO, TELEGR, TTY OP	16	12.000	8.188	8.625	8.438	5.625	4.938	5.938	3.500	2.438	1.563	2.750
796	MAIL CARRIER	20	13.150	8.200	8.750	8.650	6.800	4.950	5.650	3.500	2.650	1.850	3.050
797	MISC CLERICAL	108	11.639	7.796	8.185	8.296	5.981	4.639	5.398	3.083	2.472	1.704	2.648
798	MISC ADMINISTRATIVE	59	13.085	8.017	9.220	9.322	6.847	5.424	5.847	3.424	3.390	1.983	3.254
810	ELECTRICIAN	211	13.095	8.100	8.223	7.967	6.062	4.801	5.640	3.422	2.460	1.711	2.645
811	ELECTRONIC TECHNICIAN	258	13.938	8.616	9.016	8.337	6.341	5.326	6.194	3.593	2.837	1.922	2.911
812	APPLIANCE REPAIR	51	13.863	8.353	8.392	7.882	5.765	4.941	5.843	3.353	2.569	1.765	2.529
813	PHONE INSTALL & REPAIR	53	13.208	8.981	9.057	8.132	6.415	5.377	6.245	3.736	2.509	1.792	2.717
814	REPAIR AND SERV COMP	40	13.350	8.175	8.800	8.175	6.750	5.250	5.900	3.425	2.725	1.975	2.925
820	MECHANIC (NEC)	133	13.684	8.376	8.632	7.038	5.429	4.481	5.639	3.436	2.414	1.519	2.368
821	AUTO MECHANIC	112	13.813	8.143	8.143	7.134	5.321	4.652	5.375	3.411	2.313	1.366	2.366
822	AIRPLANE MECHANIC	101	13.535	8.366	8.990	7.297	6.198	4.822	5.901	3.505	2.554	1.733	2.693
823	OFFICE MACH REPAIR	14	15.929	9.643	10.214	8.429	6.286	5.857	6.214	4.000	2.857	1.714	3.286
824	IND MACH REPAIR	28	13.571	8.357	7.607	8.214	6.036	4.786	5.929	3.286	2.607	1.643	2.464
828	MACHINIST	276	13.793	8.479	8.848	8.058	6.062	4.899	5.899	3.504	2.616	1.674	2.786
831	CABINET MAKER	11	11.364	7.273	8.455	7.545	5.909	4.545	4.727	3.273	2.273	1.545	2.545
832	CARPENTER	63	12.556	8.397	8.587	7.016	5.444	4.365	5.206	3.238	2.429	1.413	2.175
833	METAL TRADES	119	12.899	8.151	7.899	7.118	5.277	4.555	5.370	3.252	2.462	1.487	2.294
834	BRKLYR, MASON, PTR, RFR	66	12.788	7.682	8.000	7.121	4.955	4.409	4.773	3.000	2.227	1.394	2.061
835	PLUMBER, PIPEFITTER	81	12.914	7.679	8.617	7.642	5.914	4.963	5.272	2.988	2.481	1.667	2.568
836	HEAVY EQUIP OP	42	13.238	8.738	7.452	6.333	5.262	4.690	5.381	3.333	2.190	1.286	2.548
837	MISC BLDG & CONST	43	13.047	8.093	8.581	7.488	6.000	4.465	5.744	3.419	2.605	1.302	2.372
838	MINING, QUARRYING, DRLNG	12	11.250	7.833	7.417	6.500	3.083	4.000	4.583	3.000	2.167	1.250	2.417
841	PILOT	164	14.427	8.774	9.482	9.524	7.500	5.970	6.768	3.909	3.329	2.232	3.500
843	AIRPLANE NAVIGATOR	10	14.900	10.100	9.900	10.400	7.800	6.100	7.000	4.600	3.900	2.500	3.400
848	AIR TRAFFIC CONTROLLER	10	13.300	8.700	8.500	9.000	7.600	5.500	6.300	4.000	3.100	1.900	3.200
851	MERCHANT MARINE OCC	14	12.714	8.214	9.286	9.643	7.286	5.571	6.571	3.571	3.000	1.857	3.357
852	RAILROAD OCCS	22	13.000	7.909	8.545	8.091	5.500	4.500	5.773	3.318	2.091	1.500	2.182
853	AUTO, BUS, TRUCK DRIVER	91	12.780	8.199	9.110	7.319	5.297	4.462	5.209	3.154	2.286	1.451	2.253
861	PRINTING TRADES	104	12.260	7.692	8.048	8.135	5.654	4.500	5.577	3.269	2.433	1.644	2.596
863	SURVEYOR	20	13.000	8.700	8.600	9.000	6.250	5.050	5.800	3.650	2.500	1.750	3.150
864	DRAFTSMAN	134	12.896	7.642	8.761	8.164	6.179	4.836	5.769	3.470	2.575	1.776	2.791
865	PHOTOGRAPHY	37	12.216	7.892	8.703	8.784	7.216	5.730	6.432	3.541	3.081	2.162	3.081
866	INTERIOR DECORATOR	8	14.125	7.500	9.125	7.250	6.500	5.375	5.250	3.875	2.125	1.875	2.750
867	LANDSCAPE ARCH	9	13.556	8.556	8.778	10.778	7.444	4.889	6.222	3.778	3.222	1.667	3.111
881	FOOD & BEVERAGE PREP	20	10.900	6.850	7.350	6.900	4.100	3.950	5.000	3.050	2.150	1.100	2.050
885	BUTCHER, MEAT CUTTER	35	11.914	8.114	8.257	7.286	5.057	4.314	5.257	3.000	2.229	1.429	2.171
891	MISC PERSONAL SERV	8	10.000	7.125	7.875	5.625	5.250	4.750	3.875	2.625	1.875	1.250	1.750
892	BARBER	29	11.207	7.345	7.552	7.345	4.828	4.379	5.276	2.690	2.172	1.241	2.138
893	HAIRDRESSER	18	11.500	7.722	10.389	7.167	7.222	5.222	6.556	3.111	2.944	2.111	2.556
899	GENERAL LABORER	314	11.936	8.080	7.847	7.506	5.220	4.487	5.213	3.201	2.252	1.462	2.328
	TOTAL	14570	13.152	8.430	9.025	9.043	6.812	5.436	6.297	3.589	2.969	2.020	3.077

TABLE 1.1 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST I (CONTD.)					INFORMATION TEST II					
			MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE	JOURNALISM	FOREIGN TRAVEL
			R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135	R-136	R-137
571	ACTOR	11	4.006	1.789	2.873	2.760	2.162	1.916	1.572	1.009	1.036	0.505	1.036
575	THEATRE (OTHER)	26	2.915	1.960	2.417	2.876	2.545	1.463	1.636	1.030	1.441	0.900	1.046
578	RADIO/TV ANNOUN.	22	3.109	1.846	2.589	3.155	2.032	1.527	1.403	0.864	1.492	0.885	1.295
579	MISC PERF ARTS	12	2.851	1.703	3.401	2.718	2.591	1.229	0.943	0.789	0.966	0.483	0.994
611	PRO ATHLETE	12	2.869	2.340	2.640	2.747	2.674	1.403	2.109	1.267	1.497	0.603	1.379
612	PRO ATHLETICS (AUX)	12	[illegible]	1.509	1.853	1.969	2.359	1.874	1.889	1.059	1.398	0.568	1.578
621	RECREATION DIR.	14	[illegible]	2.424	2.277	2.209	1.823	1.292	1.940	1.188	1.578	1.122	1.562
623	FRSTRY, HUNT, TRAP	[illegible]	[illegible]	2.124	2.800	2.658	2.594	1.950	2.287	1.217	1.670	0.894	1.255
631	FARM/RANCH OWNER	123	[illegible]	1.511	2.531	2.555	2.139	1.677	2.078	1.203	1.210	0.969	1.167
632	FARM/RANCH MGR	[illegible]	[illegible]	1.356	2.315	2.375	2.446	1.959	1.996	0.916	1.282	0.707	0.991
639	FARMING (OTHER)	206	[illegible]	1.829	2.592	2.628	1.984	1.623	2.002	1.216	1.159	0.877	1.244
640	MILITARY (RANK NOT IND)	61	[illegible]	2.219	2.823	2.789	2.268	1.81	2.005	1.172	1.414	0.864	1.367
641	MILITARY-ENLISTED	27	[illegible]	2.913	2.547	2.569	2.748	1.805	2.118	1.163	1.492	0.751	1.359
642	MILITARY-OFFICER	111	[illegible]	1.875	2.763	2.062	1.957	1.551	1.474	0.945	1.319	0.744	1.009
650	INTELLIGENCE-CIA, ETC.	15	[illegible]	2.191	2.598	2.274	1.242	1.952	1.345	1.207	1.373	0.834	1.457
661	POLICE (PUBLIC)	195	[illegible]	2.252	2.631	2.477	2.375	1.631	1.674	1.217	1.422	0.934	1.197
666	FIREMAN	48	[illegible]	2.083	2.778	2.692	2.130	1.700	1.623	1.088	1.457	1.035	1.211
669	OTHER PROTECTIVE	10	[illegible]	2.321	2.699	2.892	1.979	1.649	2.335	1.155	1.219	0.834	1.336
711A	BANKING & FINANCE, I	66	3.148	2.019	2.634	2.453	2.032	1.560	1.896	1.214	1.214	0.932	1.202
711B	BANKING & FINANCE, II	114	[illegible]	2.036	2.526	2.418	2.072	1.396	1.439	1.075	1.247	0.811	1.122
712	INVSTMNT,STOCK CONSULT	15	[illegible]	1.374	2.120	2.219	2.138	1.521	1.740	0.986	1.246	0.834	0.775
716	CPA	147	2.721	2.149	2.729	2.387	2.112	1.639	1.524	1.065	1.214	0.696	1.136
717	ACCTANT (EXC CPA)	329	3.069	2.240	2.787	2.572	2.005	1.609	1.606	1.159	1.348	0.878	1.187
721	PURCHASING AGENT	45	3.218	2.223	3.144	2.320	2.038	1.502	1.724	1.018	1.396	0.733	1.187
722	RETAIL BUYER	19	3.011	1.414	3.011	1.853	2.685	1.713	1.350	1.174	0.738	0.919	0.994
723	EFFICIENCY EXPERT	149	2.990	1.748	2.720	2.406	2.252	1.553	1.573	1.077	1.321	0.814	1.155
724	ADVERTISING	36	2.822	2.050	2.909	2.818	1.520	1.367	1.533	1.124	1.357	0.724	1.040
725	PUBLIC RELATIONS	44	2.601	1.803	2.519	2.378	2.425	1.354	1.482	0.918	1.231	0.899	1.285
726	PERSONNEL ADMIN	72	3.076	1.920	2.594	2.023	2.259	1.394	1.551	1.066	1.484	0.741	1.239
727	APPRAISING/ESTIMATING	25	2.323	1.846	2.974	2.456	1.740	1.632	1.510	0.733	1.401	0.789	1.158
728	LOAN/CREDIT INVESTIG	27	3.163	2.172	2.950	2.242	2.242	1.512	1.850	0.784	1.463	0.792	1.103
730	BUS MGMT/ADMIN (NEC)	614	3.088	1.931	2.715	2.567	2.171	1.675	1.703	1.072	1.263	0.870	1.125
731	MFG MGMT	55	2.407	2.801	2.796	2.613	2.097	1.548	1.384	0.994	1.350	0.838	1.220
732	WHSL/RET TRADE MGMT/MKTG	204	2.758	2.075	2.721	2.374	2.309	1.521	1.554	1.031	1.344	0.838	1.165
738	SUPERVISOR IN BUS	53	3.633	2.885	2.981	2.707	1.968	1.447	1.871	1.118	1.155	0.979	1.295
741	SALESCLERK	27	3.537	2.397	2.705	3.055	2.532	1.607	1.840	0.892	1.334	0.984	1.394
743	STOCKBROKER	17	2.877	1.334	2.861	2.294	2.422	1.367	1.219	0.866	1.286	0.514	0.943
745	REAL EST SLSMAN	24	3.124	2.133	2.508	2.701	2.502	1.744	1.911	1.319	1.225	0.779	1.216
746	INSURANCE SLSMAN	49	3.547	2.102	2.699	2.697	1.937	1.741	1.587	1.156	1.154	0.931	1.200
747	AUTO SLSMAN	11	2.111	1.440	3.162	2.378	1.809	0.944	2.461	1.293	1.514	1.368	1.348
748	OTHER SLSMAN (NEC)	327	3.188	2.084	2.795	2.637	2.226	1.584	1.697	1.082	1.291	0.894	1.246
749	SALES MGR	63	2.978	2.030	2.505	2.279	2.108	1.408	1.579	1.077	1.297	0.806	1.090
751	BOOKKEEPER	12	3.206	2.038	1.975	1.749	1.881	1.206	1.215	1.311	1.155	0.888	1.337
755	MISC ACCT RECDG	13	3.178	2.063	1.633	3.240	1.908	2.048	1.664	0.660	1.050	0.870	1.109
758	COMPUTER OPERATOR	97	3.117	2.361	2.697	2.981	2.084	1.626	1.853	1.248	1.422	0.935	1.261
769	CLERK (MISC)	23	3.246	2.007	3.131	2.661	2.281	1.567	1.565	1.222	1.204	0.891	1.054
772	OFFICE MGR	21	2.272	1.921	3.103	3.215	2.357	1.499	1.546	0.796	1.221	0.819	1.271
789	OTHER "PUB CONTACT" OCCS	10	2.171	1.969	2.003	2.991	2.394	1.838	1.703	0.789	1.033	0.966	0.949
791	RADIO, TELEGR, TTY OP	16	4.179	3.016	2.247	2.250	2.527	2.235	2.016	1.366	1.590	1.209	1.125
796	MAIL CARRIER	20	3.345	2.587	3.160	2.621	1.824	1.701	1.843	1.000	1.268	0.813	1.099
797	MISC CLERICAL	109	3.675	2.527	2.714	2.648	2.149	1.643	1.899	1.169	1.271	0.920	1.155
798	MISC ADMINISTRATIVE	59	3.098	2.629	2.364	2.536	2.612	1.684	1.818	0.855	1.326	0.919	1.254
810	ELECTRICIAN	211	3.153	2.302	2.698	2.714	2.208	1.518	1.716	1.162	1.292	0.950	1.212
811	ELECTRONIC TECHNICIAN	259	2.813	1.907	2.705	2.630	2.164	1.743	1.791	1.113	1.162	0.896	1.128
812	APPLIANCE REPAIR	51	2.615	2.339	2.757	2.558	1.976	1.630	1.580	1.128	1.360	0.885	1.155
813	PHONE INSTALL & REPAIR	53	2.560	1.985	2.492	2.354	2.453	1.444	1.592	1.146	1.203	0.906	1.321
814	REPAIR AND SERV COMP	43	2.741	2.123	2.210	2.854	2.204	1.958	1.809	1.059	1.219	0.947	1.228
820	MECHANIC (NEC)	133	2.853	2.298	2.797	2.485	2.144	1.574	1.798	1.117	1.162	0.884	1.184
821	AUTO MECHANIC	112	3.124	2.269	2.613	2.814	2.259	1.691	1.894	1.095	1.309	0.910	1.147
822	AIRPLANE MECHANIC	101	2.989	2.399	2.855	2.448	2.136	1.596	1.597	1.026	1.196	0.948	1.198
823	OFFICE MACH REPAIR	14	1.439	1.277	2.007	2.440	1.490	1.748	1.718	0.961	1.099	0.994	1.204
824	IND MACH REPAIR	28	2.251	2.360	2.793	2.347	2.236	1.686	1.585	1.150	0.956	0.989	1.261
828	MACHINIST	276	2.897	2.163	2.879	2.521	2.217	1.576	1.883	1.050	1.184	0.932	1.222
831	CABINET MAKER	11	3.722	2.240	2.296	1.916	2.071	1.695	1.421	0.786	1.104	1.036	1.036
832	CARPENTER	63	3.564	2.283	3.035	2.673	2.263	1.451	2.088	1.088	1.304	0.927	1.129
833	METAL TRADES	119	3.289	2.287	2.539	2.675	2.194	1.505	1.770	1.250	1.118	0.955	1.181
834	BRKLYR, MASON, PTR, RFR	66	3.519	2.655	2.700	2.771	2.526	1.754	2.029	1.277	1.005	0.959	1.357
835	PLUMBER, PIPEFITTER	31	3.688	2.360	2.977	3.116	2.675	1.813	1.864	1.250	1.305	0.922	1.183
836	HEAVY EQUIP OP	43	2.574	2.084	2.530	2.720	2.275	1.760	1.834	1.141	1.194	0.918	1.214
837	MISC BLDG & CONST	43	3.443	2.671	2.675	2.667	2.545	1.843	1.620	1.295	1.330	0.964	1.363
838	MINING, QUARRYING, DRLNG	12	3.223	1.642	2.314	2.680	1.881	0.953	1.881	1.279	0.937	0.965	1.311
841	PILOT	164	2.557	1.804	2.689	2.463	2.065	1.488	1.501	0.919	1.249	0.764	1.088
843	AIRPLANE NAVIGATOR	10	2.601	1.595	2.961	1.838	1.549	1.524	1.054	0.699	1.595	0.527	1.075
848	AIR TRAFFIC CONTROLLER	10	3.302	2.359	1.958	2.211	1.578	1.958	1.703	0.816	1.370	0.876	0.632
851	MERCHANT MARINE OCC	14	3.338	2.190	2.400	2.307	1.684	1.342	1.222	1.089	1.359	0.663	0.745
852	RAILROAD OCCS	22	2.862	2.635	3.391	2.793	2.425	1.504	1.901	1.359	1.192	0.964	1.332
853	AUTO, BUS, TRUCK DRIVER	91	3.062	2.339	2.942	2.720	2.224	1.544	1.748	1.282	1.036	0.981	1.151
861	PRINTING TRADES	134	3.141	2.340	2.403	2.532	2.207	1.643	1.665	1.184	1.213	0.944	1.318
863	SURVEYOR	20	3.026	1.525	3.747	2.340	1.888	1.504	1.508	1.309	1.318	0.851	1.565
864	DRAFTSMAN	134	3.296	2.328	2.882	2.432	2.166	1.782	1.777	1.135	1.282	0.881	1.177
865	PHOTOGRAPHY	37	3.351	2.196	2.707	2.428	2.551	1.407	1.980	1.095	1.588	0.834	1.064
866	INTERIOR DECORATOR	9	2.532	2.390	2.949	3.196	2.619	1.768	2.550	1.126	0.991	0.991	1.389
867	LANDSCAPE ARCH	9	3.395	2.128	2.438	2.386	2.555	0.928	1.716	1.202	1.093	0.707	1.167
881	FOOD & BEVERAGE PREP	20	3.432	2.368	2.300	2.808	2.337	1.791	2.224	1.191	0.933	0.912	1.572
885	BUTCHER, MEAT CUTTER	35	3.175	2.180	2.964	3.357	2.209	1.409	1.915	1.350	1.239	0.979	1.239
891	MISC PERSONAL SERV	3	4.071	2.416	2.642	2.504	2.435	1.488	1.885	1.598	1.246	1.035	1.488
892	BARBER	29	3.395	2.468	2.213	2.663	2.205	1.613	1.830	1.257	1.136	0.951	1.125
893	HAIRDRESSER	15	2.407	2.347	3.822	3.111	1.700	1.927	1.617	1.023	1.211	0.832	1.338
899	GENERAL LABORER	314	3.317	2.294	2.650	2.924	2.204	1.619	1.944	1.202	1.198	0.918	1.224
	TOTAL	14570	3.141	2.184	2.853	2.805	2.382	1.732	1.798	1.140	1.368	0.918	1.277

TABLE 1.1 (continued)

#	GROUP	N	MEANS										
			INFORMATION TEST II (CONTD.)										
			MILITARY	ACCTG, BUS, SALES	PRACT KNOWL	CLERICAL	BIBLE	COLORS	ETIQUETTE	HUNTING	FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY
			R-138	R-139	R-140	R-141	R-142	R-143	R-144	R-145	R-146	R-147	R-148
000	NO ANSWER	1764	2.772	4.869	3.227	1.868	7.337	1.185	0.898	2.275	1.877	5.223	1.378
001	DON'T KNOW	734	2.929	4.853	3.240	1.894	7.315	1.199	0.918	2.361	1.851	5.263	1.343
101	EXECUTIVE (NEC)	59	3.153	5.644	3.508	2.000	8.051	1.169	1.153	2.034	2.136	5.746	1.610
102	FOREMAN (NEC)	103	2.534	4.670	3.272	1.825	6.350	1.184	0.893	2.583	1.893	4.951	1.330
111	WORK FOR GOVT (NEC)	49	3.082	4.796	3.163	1.857	8.143	1.367	0.898	2.143	1.816	5.102	1.408
112	IN BUS. FOR SELF (NEC)	255	2.592	4.969	3.255	1.753	6.847	1.094	0.890	2.278	1.871	5.341	1.365
120	IND., BUS., COMM. (NEC)	161	2.969	5.211	3.298	1.907	7.845	1.124	0.969	2.242	1.876	5.509	1.422
121	RETAIL (NEC)	22	2.591	5.455	3.364	2.045	9.182	1.227	1.000	2.591	2.000	5.591	1.409
122	TRANSPORTATION (NEC)	16	3.438	5.625	3.375	1.813	7.875	1.250	1.000	2.500	2.125	5.750	1.250
123	REAL ESTATE(NEC)	9	2.778	4.667	3.333	2.222	7.444	0.889	1.111	2.222	1.333	5.444	1.444
124	INSURANCE (NEC)	24	2.542	5.875	3.375	2.000	8.208	1.167	0.833	2.208	1.833	5.542	1.500
125	ELECTRONICS (NEC)	113	2.646	4.941	3.425	1.717	6.885	1.248	0.903	2.354	2.106	5.496	1.451
211	MATH., STAT.	42	3.357	5.595	3.500	2.095	9.548	1.214	1.119	1.857	1.619	5.810	1.571
212	OTHER STATISTICS	10	3.500	6.300	3.700	2.200	10.300	1.400	1.000	2.000	2.300	5.900	1.700
221	SYSTEMS ANALYST	56	3.500	6.196	3.571	2.232	9.054	1.232	1.196	2.143	1.946	6.018	1.554
222	COMPUTER PROG.	173	2.942	5.064	3.370	1.855	7.803	1.283	1.069	2.052	1.855	5.405	1.474
229	COMPUTER SPEC. (NEC)	38	3.079	5.342	3.421	1.974	8.474	1.289	1.026	2.184	2.421	5.974	1.658
230	PHYS. SCI. (NEC)	16	3.688	6.063	3.063	2.125	9.625	1.438	1.125	2.688	2.313	5.938	1.500
231	CHEMIST	93	3.376	6.129	3.634	2.108	9.409	1.538	1.129	2.430	2.161	6.140	1.785
232	PHYSICIST	53	3.717	6.226	3.453	2.226	9.943	1.396	1.170	2.509	2.321	6.491	1.736
234	GEOLOGIST	22	3.409	5.727	3.727	2.182	9.409	1.500	1.273	2.727	3.045	6.727	1.818
240	ENGINEER (NEC)	248	3.528	5.891	3.597	2.149	8.988	1.371	1.185	2.468	2.060	6.298	1.673
241	CIVIL ENGINEER	97	3.258	5.361	3.536	2.103	9.938	1.289	1.155	2.588	1.907	6.258	1.732
242	ELEC. ENGINEER	234	3.274	5.556	3.496	2.026	8.966	1.291	1.175	2.410	2.038	6.068	1.701
243	MECH. ENGINEER	139	3.281	5.734	3.576	2.058	9.086	1.460	1.144	2.424	2.252	6.288	1.568
244	AERONAUTICAL ENG.	40	3.525	6.200	3.700	2.275	8.925	1.450	1.175	2.425	2.400	6.825	1.500
245	CHEM. ENGINEER	48	3.104	6.396	3.583	2.063	10.292	1.583	1.104	2.417	1.854	6.125	1.854
250	ARCHITECT	64	3.328	5.563	3.547	1.891	8.422	1.781	1.219	2.109	1.969	6.000	1.672
299	PHYS. SCI., LAB TECH.	100	2.720	4.990	3.280	2.050	8.230	1.090	0.880	2.470	1.940	5.070	1.340
310	BIOLOGIST, ZOOLOGIST	48	2.917	5.375	3.417	2.063	8.500	1.375	1.042	2.646	2.625	6.104	1.479
313	SPEC. IN AGRIC. SCI.	33	3.061	5.606	3.485	2.182	8.545	1.212	1.091	3.333	2.576	6.061	1.424
314	WLDLF/FOREST SPEC.	43	3.140	5.302	3.581	2.163	8.419	1.186	1.023	3.395	3.047	5.349	1.488
316	MICROBIOLOGIST	9	3.778	6.667	3.556	2.333	7.222	1.556	1.000	2.444	2.444	5.556	1.667
317	BIOCHEMIST	10	2.900	6.200	3.700	1.700	8.900	1.500	1.100	2.300	2.300	6.000	1.800
322	MD-SURGEON	8	4.250	7.000	3.625	2.125	10.000	1.625	0.875	3.000	2.250	6.625	2.250
329	MD-OTHER	186	3.731	6.538	3.704	2.263	10.215	1.554	1.360	1.919	1.903	6.349	1.780
332	DENTIST	92	3.391	5.870	3.565	2.109	8.859	1.457	1.120	2.185	2.011	6.272	1.707
333	VETERINARIAN	30	3.200	5.700	3.400	2.233	8.567	1.367	1.100	3.267	2.400	5.933	1.367
335	PHARMACIST	89	3.034	5.944	3.494	2.180	8.539	1.472	1.090	2.180	2.011	6.000	1.629
336	OPTOMETRIST	14	2.929	5.429	3.571	2.143	8.000	1.286	1.143	2.143	2.500	6.357	1.571
337	RN	8	2.625	4.625	3.750	2.000	9.250	1.125	1.375	1.750	2.000	6.250	1.500
345	CHIROPRACTOR	9	2.778	4.556	3.111	1.333	6.889	1.778	0.889	2.111	1.889	5.444	1.556
347	MED/DENT TECHNOL.	15	3.200	5.400	3.533	2.133	8.133	1.333	1.000	2.867	1.333	6.133	1.400
348	MED/DENT TECHNICIAN	31	2.387	4.194	2.839	1.613	7.161	1.032	0.645	2.194	1.419	4.871	1.226
350	HOSPITAL ADMIN.	13	3.692	5.462	3.769	1.923	9.000	1.077	1.154	2.615	1.462	5.692	1.308
360	PSYCHOLOGIST	94	3.096	5.702	3.489	2.054	9.202	1.543	1.202	2.138	1.766	5.904	1.723
370	SOCIAL WORKER	65	3.246	5.662	3.431	1.969	8.969	1.277	0.985	1.923	1.569	5.708	1.446
372	COUNSELING/GUIDANCE	10	3.100	5.600	3.500	2.100	9.200	1.000	1.000	2.800	2.000	6.200	1.500
373	VOC/ED GUIDANCE	42	3.333	5.524	3.452	2.357	9.738	1.214	1.143	1.738	1.357	5.714	1.310
382	ECONOMIST	32	3.406	6.469	3.594	2.063	9.000	1.438	1.219	2.063	1.844	6.063	1.594
389	SOC. SCI. (MISC)	31	3.645	6.161	3.516	2.194	9.258	1.548	1.129	2.194	1.903	5.871	1.742
391	POLITICIAN	16	2.938	5.813	3.688	1.938	9.500	1.375	1.125	1.938	1.938	6.250	1.563
392	DIPLOMAT	21	4.286	6.476	3.667	2.381	11.143	1.857	1.286	2.048	2.048	6.476	1.905
393	LAWYER	342	3.363	6.529	3.637	2.155	9.795	1.471	1.205	2.096	1.871	6.222	1.705
394	MARKET ANALYST	15	3.000	5.933	3.533	2.200	7.200	1.400	0.933	1.867	1.533	5.133	1.200
397	PUBLIC ADM (NEC)	16	3.563	6.125	3.438	1.750	8.500	1.063	1.000	1.813	1.813	5.875	1.688
398	CITY PLANNER (NEC)	21	3.667	5.810	3.571	2.143	9.905	1.524	1.190	2.238	1.857	5.857	1.714
400	TEACHER (NEC)	478	3.109	5.448	3.481	2.006	8.490	1.195	1.050	2.230	2.006	5.732	1.513
412	TEACHER-ELEM.	53	2.849	5.264	3.472	1.981	8.604	1.151	1.075	2.491	1.943	5.528	1.566
420	TEACHER-HS (NEC)	98	3.010	5.622	3.541	2.010	8.714	1.153	1.194	2.245	2.082	5.990	1.633
421	TEACHER-HS MATH	65	3.185	5.031	3.431	2.000	8.769	1.323	1.046	2.231	1.708	5.938	1.569
422	TEACHER-HS SCIENCE	68	3.132	5.368	3.397	2.074	8.309	1.191	1.015	2.382	2.221	6.000	1.676
423	TEACHER-HS SOC. ST.	85	3.400	5.435	3.388	1.847	8.965	1.306	0.976	2.212	1.718	5.600	1.494
424	TEACHER-ENGLISH	38	3.237	5.974	3.658	2.079	9.816	1.184	0.974	2.184	1.974	5.711	1.526
425	TEACHER-FOR. LANG.	14	3.143	4.643	3.357	2.214	8.857	1.214	1.000	1.500	1.571	5.286	1.429
426	TEACHER-COMM. ED.	14	3.143	5.929	3.500	2.214	9.357	1.500	1.000	2.143	1.643	5.929	1.500
428	TEACHER-TRADES	50	2.900	5.080	3.260	1.960	7.400	0.960	1.020	2.580	2.000	5.900	1.380
429	TEACHER-PHYS. ED.	57	2.719	4.860	3.281	1.982	7.140	1.140	0.947	2.439	2.018	5.912	1.298
431	TEACHER-ART	12	2.750	5.083	3.417	2.250	8.083	2.083	1.167	2.250	1.667	5.750	1.333
432	TEACHER-MUSIC	30	2.700	4.933	3.567	2.300	8.567	1.333	0.933	1.867	1.667	5.633	1.567
440	TEACHER-HANDICAPPED	12	2.750	5.917	3.667	2.250	9.500	1.083	1.083	2.000	2.167	5.667	1.417
450	SCH. ADMIN. (EXC. COLL.)	45	3.289	4.911	3.356	2.111	9.089	1.311	1.022	2.044	1.711	5.200	1.467
460	COLL/UNIV TCHR (NEC)	214	3.561	6.234	3.575	2.178	9.911	1.393	1.140	2.145	1.939	6.065	1.556
461	COLL/UNIV TCHR-MATH	30	3.533	6.100	3.633	2.133	10.700	1.600	1.167	2.500	2.200	6.000	1.733
462	COLL/UNIV TCHR-SCI	48	3.542	6.417	3.646	2.292	10.167	1.667	1.188	2.167	2.458	6.667	1.833
463	COLL/UNIV TCHR-SOC SCI	81	3.963	6.210	3.642	2.272	10.679	1.580	1.173	2.111	1.802	6.210	1.778
464	COLL/UNIV TCHR-ENGLISH	44	3.545	6.205	3.545	2.273	10.523	1.773	1.045	2.250	2.136	6.182	1.568
470	COLL/UNIV TCHR-ADM	13	2.923	5.538	3.538	2.231	9.538	1.385	1.308	1.846	1.231	5.385	1.769
511	LIBRARIAN	9	3.667	5.778	3.444	2.444	9.444	1.667	1.222	1.333	0.889	5.000	1.667
521	CLERGYMAN	177	3.079	5.588	3.503	2.062	11.322	1.429	1.079	1.927	1.689	5.718	1.542
523	RELIGIOUS WORKER (OTHER)	23	2.565	4.565	3.217	1.783	9.957	1.304	1.087	2.261	1.826	4.957	1.304
531	WRITER (NEC)	21	3.286	5.476	3.762	2.095	9.857	1.571	1.143	2.524	1.905	5.857	1.524
534	JOURNALIST/REPORTER	43	3.535	5.977	3.488	1.907	8.698	1.302	1.140	1.674	1.628	5.465	1.465
537	EDITOR	10	4.300	6.400	3.800	2.500	9.100	1.200	1.100	2.300	1.200	6.000	1.800
541	FINE ARTS	22	2.500	4.773	3.455	1.818	8.591	1.773	1.000	2.545	2.000	5.773	1.545
545	COMM ARTIST	54	2.778	4.889	3.352	1.778	7.537	1.611	1.000	2.259	1.907	5.315	1.556
547	DESIGNER (CONS GOODS)	14	2.786	5.143	3.429	2.000	8.214	1.214	1.000	2.857	2.429	6.143	1.643
551	MUSICIAN	17	2.588	5.235	3.471	2.176	7.294	1.765	0.941	1.471	1.471	5.000	1.647

TABLE 1.1 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST II (CONTD.)										
			MILITARY	ACCTG, BUS, SALES	PRACT KNOWL	CLERICAL	BIBLE	COLORS	ETIQUETTE	HUNTING	FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY
			R-138	R-139	R-140	R-141	R-142	R-143	R-144	R-145	R-146	R-147	R-148
000	NO ANSWER	1766	1.473	1.874	0.894	0.831	3.293	0.865	0.679	1.260	1.306	1.832	0.723
001	DON'T KNOW	734	1.500	1.839	0.801	0.842	3.239	0.895	0.682	1.240	1.283	1.692	0.714
101	EXECUTIVE (NEC)	59	1.627	1.928	0.796	0.891	3.391	0.931	0.690	1.050	1.395	1.582	0.695
102	FOREMAN (NEC)	103	1.487	1.617	0.842	0.933	2.926	0.751	0.655	1.241	1.137	1.599	0.617
111	WORK FOR GOVT (NEC)	42	1.470	1.826	0.773	0.842	2.799	0.906	0.684	1.225	1.395	1.747	0.674
112	IN BUS. FOR SELF (NEC)	255	1.402	1.917	0.884	0.873	3.186	0.855	0.684	1.303	1.211	1.704	0.685
120	IND., BUS., COMM. (NEC)	161	1.425	1.998	0.789	0.927	3.357	0.913	0.684	1.187	1.218	1.740	0.739
121	RETAIL (NEC)	22	1.691	1.945	1.093	0.785	3.500	0.973	0.756	0.959	1.024	2.175	0.666
122	TRANSPORTATION (NEC)	16	1.263	1.544	0.619	0.911	3.263	0.775	0.365	1.033	1.025	2.113	0.775
123	REAL ESTATE(NEC)	9	1.481	1.803	0.707	0.833	2.351	0.928	0.782	1.202	0.707	1.667	0.726
124	INSURANCE (NEC)	26	1.532	2.133	0.924	0.780	3.176	0.868	0.637	1.532	0.963	2.043	0.590
125	ELECTRONICS (NEC)	112	1.109	1.567	0.652	0.818	3.167	0.785	0.640	1.267	1.205	1.587	0.597
211	MATH., STAT.	42	1.265	1.531	0.634	0.759	3.022	0.898	0.705	1.241	1.011	1.728	0.547
212	OTHER STATISTICS	10	1.269	1.337	0.675	0.789	2.359	0.966	0.667	1.247	1.337	1.912	0.675
221	SYSTEMS ANALYST	56	1.489	1.634	0.568	0.831	3.354	0.934	0.672	1.052	1.327	1.507	0.537
222	COMPUTER PROG.	172	1.333	1.802	0.764	0.783	3.243	0.834	0.661	1.268	1.324	1.610	0.678
229	COMPUTER SPEC. (NEC)	48	1.260	1.729	0.683	0.885	3.415	0.802	0.677	1.333	1.518	2.007	0.481
230	PHYS. SCI. (NEC)	16	1.537	2.205	1.124	0.719	4.193	1.031	0.619	0.873	1.302	1.482	0.516
231	CHEMIST	33	1.406	1.801	0.586	0.773	3.033	0.904	0.711	1.174	1.370	1.486	0.750
232	PHYSICIST	43	1.306*	1.527	0.748	0.776	2.944	0.793	0.672	1.423	1.491	1.395	0.655
234	GEOLOGIST	22	1.593	1.579	0.550	0.733	3.246	0.959	0.631	1.518	1.430	1.279	0.588
240	ENGINEER (NEC)	363	1.459	1.667	0.609	0.788	3.167	0.909	0.672	1.331	1.307	1.538	0.644
241	CIVIL ENGINEER	37	1.301	1.775	0.596	0.729	3.372	0.816	0.601	1.161	1.292	1.710	0.550
242	ELEC. ENGINEER	236	1.359	1.876	0.644	0.791	3.216	0.870	0.628	1.230	1.265	1.469	0.671
243	MECH. ENGINEER	100	1.513	1.577	0.577	0.814	3.035	0.819	0.666	1.372	1.319	1.695	0.664
244	AERONAUTICAL ENG.	42	1.450	1.884	0.564	0.716	3.125	0.932	0.747	0.958	1.236	1.174	0.751
245	CHEM. ENGINEER	42	1.309	1.771	0.539	0.727	3.215	0.846	0.627	1.334	1.414	1.468	0.505
250	ARCHITECT	66	1.404	1.552	0.733	0.838	3.375	0.826	0.629	1.086	1.425	1.447	0.668
299	PHYS. SCI., LAB TECH.	100	1.256	1.705	0.726	0.796	3.336	0.767	0.700	1.298	1.205	1.451	0.670
310	BIOLOGIST, ZOOLOGIST	43	1.366	1.696	0.739	0.836	3.989	1.024	0.582	1.263	1.299	1.505	0.714
313	SPEC. IN AGRIC. SCI.	32	1.413	1.478	0.755	0.882	3.961	0.740	0.723	0.990	1.275	1.580	0.663
314	WLDLF/FOREST SPEC.	42	1.457	1.536	0.626	0.652	2.880	0.880	0.597	1.137	1.253	1.462	0.668
316	MICROBIOLOGIST	9	1.202	1.581	0.527	0.707	3.153	0.882	0.866	1.236	1.878	1.130	0.707
317	BIOCHEMIST	10	0.738	1.549	0.483	0.823	3.281	0.850	0.568	2.003	1.703	1.054	0.632
322	MD-SURGEON	9	1.165	1.512	0.744	0.641	2.507	0.744	0.641	1.604	1.389	1.506	0.463
329	MD-OTHER	186	1.253	1.819	0.544	0.713	2.834	0.912	0.628	1.319	1.364	1.546	0.624
332	DENTIST	62	1.382	1.768	0.561	0.791	2.784	0.831	0.693	1.240	1.379	1.483	0.621
333	VETERINARIAN	30	1.324	1.442	0.675	0.774	3.213	0.718	0.607	1.081	1.329	1.206	0.556
335	PHARMACIST	92	1.496	1.674	0.725	0.700	2.857	0.990	0.685	1.361	1.344	1.545	0.681
336	OPTOMETRIST	14	1.072	1.222	0.514	0.864	2.855	0.726	0.770	1.610	1.345	1.598	0.646
337	RN	9	1.598	1.768	0.463	0.535	2.915	0.991	0.518	1.389	1.852	1.282	0.535
345	CHIROPRACTOR	9	1.481	2.242	0.928	0.707	2.472	0.833	0.601	1.364	0.782	1.590	0.527
347	MED/DENT TECHNOL.	15	1.612	1.639	0.516	0.915	2.997	0.724	0.756	0.990	1.234	1.506	0.632
348	MED/DENT TECHNICIAN	21	1.564	2.024	0.934	0.882	2.660	0.795	0.661	1.302	1.336	1.875	0.762
350	HOSPITAL ADMIN.	13	1.601	1.898	0.439	0.760	3.808	0.954	0.801	0.961	0.967	1.251	0.947
360	PSYCHOLOGIST	94	1.304	1.759	0.600	0.773	2.868	0.958	0.681	1.232	1.290	1.422	0.662
370	SOCIAL WORKER	65	1.358	1.770	0.585	0.790	3.321	0.893	0.545	1.229	1.334	1.637	0.613
372	COUNSELING/GUIDANCE	10	1.524	2.413	0.707	1.197	2.860	0.816	0.471	1.033	1.054	1.317	0.850
373	VOC/ED GUIDANCE	42	1.459	1.486	0.670	0.821	3.401	0.842	0.683	1.308	1.144	1.551	0.680
382	ECONOMIST	22	1.316	1.586	0.665	0.878	3.193	0.840	0.706	1.343	1.322	1.703	0.756
389	SOC. SCI. (MISC)	31	1.142	1.655	0.508	0.873	2.886	0.961	0.718	1.195	1.399	1.668	0.575
391	POLITICIAN	16	1.124	1.682	0.479	0.854	3.578	0.719	0.619	1.526	0.854	1.000	0.629
392	DIPLOMAT	21	1.554	1.914	0.658	0.740	2.056	0.793	0.644	1.499	1.465	1.692	0.625
393	LAWYER	342	1.394	1.679	0.565	0.775	3.229	0.943	0.714	1.293	1.342	1.482	0.648
394	MARKET ANALYST	15	1.000	1.280	0.516	0.775	2.883	0.910	0.704	1.125	1.457	1.598	0.775
397	PUBLIC ADM (NEC)	13	1.365	1.668	0.629	1.065	3.464	0.929	0.730	1.223	1.109	1.544	0.602
398	CITY PLANNER (NEC)	21	0.856	1.632	0.676	0.793	2.998	0.928	0.602	1.091	1.276	1.195	0.644
400	TEACHER (NEC)	479	1.372	1.771	0.684	0.823	3.145	0.867	0.713	1.279	1.255	1.604	0.694
412	TEACHER-ELEM.	53	1.336	1.883	0.696	0.747	3.743	0.818	0.675	1.187	1.350	1.624	0.694
420	TEACHER-HS (NEC)	39	1.403	1.576	0.661	0.831	3.769	0.817	0.668	1.293	1.207	1.536	0.632
421	TEACHER-HS MATH	65	1.249	1.695	0.684	0.750	3.292	0.920	0.623	1.156	1.208	1.540	0.684
422	TEACHER-HS SCIENCE	68	1.434	1.710	0.849	0.759	2.830	0.918	0.680	1.159	1.325	1.985	0.762
423	TEACHER-HS SOC. ST.	85	1.356	1.700	0.773	0.764	3.115	0.951	0.672	1.292	1.181	1.424	0.718
424	TEACHER-ENGLISH	33	1.515	1.808	0.534	0.818	3.127	0.982	0.636	1.411	1.262	1.626	0.557
425	TEACHER-FOR. LANG.	14	1.610	1.646	0.745	0.802	3.134	0.699	0.679	1.401	1.342	1.541	0.756
426	TEACHER-COMM. ED.	14	1.406	1.207	0.650	0.802	2.951	0.855	0.679	1.027	1.277	1.492	0.650
428	TEACHER-TRADES	50	1.502	1.602	0.944	0.783	2.921	0.856	0.795	1.197	1.340	1.717	0.753
429	TEACHER-PHYS. ED.	57	1.373	1.663	0.796	0.813	3.237	0.915	0.718	1.180	1.356	1.607	0.654
431	TEACHER-ART	12	1.215	2.021	0.669	0.754	2.712	0.900	0.718	1.055	1.155	1.485	0.888
432	TEACHER-MUSIC	20	1.393	1.464	0.679	0.794	2.700	0.844	0.691	1.383	1.373	1.497	0.504
440	TEACHER-HANDICAPPED	12	1.357	1.240	0.651	0.754	2.908	0.900	0.669	1.537	1.403	1.614	0.669
450	SCH. ADMIN. (EXC. COLL.)	45	1.424	1.905	0.712	0.775	3.397	0.848	0.783	1.186	1.440	1.766	0.625
460	COLL/UNIV TCHR (NEC)	214	1.422	1.774	0.606	0.791	3.074	0.912	0.711	1.242	1.350	1.611	0.653
461	COLL/UNIV TCHR-MATH	30	1.548	1.749	0.556	0.776	2.855	0.968	0.592	1.480	1.243	1.619	0.691
462	COLL/UNIV TCHR-SCI	43	1.148	1.773	0.601	0.713	2.861	1.038	0.571	1.059	1.352	1.294	0.519
463	COLL/UNIV TCHR-SOC SCI	81	1.327	1.882	0.577	0.613	3.057	0.820	0.771	1.440	1.317	1.301	0.612
464	COLL/UNIV TCHR-ENGLISH	44	1.422	1.912	0.548	0.817	3.151	0.912	0.714	1.349	1.440	1.589	0.695
470	COLL/UNIV TCHR-ADM	13	1.256	1.761	0.877	0.927	1.664	0.870	0.630	1.068	0.927	1.446	0.599
511	LIBRARIAN	9	1.118	2.489	0.726	0.882	4.693	1.225	0.667	1.118	0.928	1.936	0.707
521	CLERGYMAN	177	1.412	1.878	0.641	0.827	3.157	0.946	0.711	1.252	1.310	1.623	0.691
523	RELIGIOUS WORKER (OTHER)	23	1.701	1.754	0.998	0.850	3.879	0.822	0.793	1.251	1.527	1.942	0.703
531	WRITER (NEC)	21	1.347	1.721	0.436	0.700	2.535	0.746	0.655	1.401	1.221	1.153	0.602
534	JOURNALIST/REPORTER	43	1.403	1.832	0.668	0.840	3.233	0.860	0.675	1.304	1.254	1.638	0.631
537	EDITOR	10	1.337	2.271	0.422	0.850	2.846	0.789	0.568	1.567	1.135	1.633	0.789
541	FINE ARTS	22	1.472	1.602	0.912	0.733	3.290	0.973	0.816	1.335	1.234	1.688	0.510
545	COMM ARTIST	54	1.488	1.839	0.731	0.861	3.196	0.979	0.673	1.306	1.321	1.371	0.634
547	DESIGNER (CONS GOODS)	14	1.251	1.657	0.852	1.038	2.326	0.802	0.555	0.864	1.089	1.748	0.745
551	MUSICIAN	17	1.326	2.278	0.717	0.883	4.058	0.752	0.659	0.874	1.375	1.803	0.606

TABLE 1.1 (continued)

#	GROUP	N	MEANS INFORMATION TEST II (CONTD.) MILITARY	ACCTG, BUS, SALES	PRACT KNOWL	CLERICAL	BIBLE	COLORS	ETIQUETTE	HUNTING	FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY
			R-138	R-139	R-140	R-141	R-142	R-143	R-144	R-145	R-146	R-147	R-148
571	ACTOR	11	2.000	5.818	3.545	1.636	9.182	1.455	1.364	1.545	2.000	5.909	1.818
575	THEATRE (OTHER)	25	3.560	5.400	3.600	2.160	9.600	1.560	0.960	1.600	1.320	5.520	1.560
578	RADIO/TV ANNOUN.	23	3.130	5.261	3.435	2.000	6.696	1.043	1.043	1.783	2.174	5.870	1.609
579	MISC PERF ARTS	10	3.000	6.900	3.900	2.500	8.900	1.600	1.200	2.200	2.200	6.400	1.900
611	PRO ATHLETE	12	2.750	6.167	3.417	1.500	7.500	1.333	0.667	2.333	1.167	6.917	1.417
612	PRO ATHLETICS (AUX)	10	3.400	4.300	3.300	2.300	7.300	1.100	0.800	2.300	2.700	5.400	1.600
621	RECREATION DIR.	14	2.786	5.143	2.857	2.214	7.857	1.571	0.714	1.500	1.857	5.571	1.643
623	FRSTRY, HUNT, TRAP	22	2.091	4.636	3.091	1.864	5.591	0.818	0.909	3.136	2.591	4.682	1.091
631	FARM/RANCH OWNER	123	2.163	4.642	3.016	1.927	6.837	0.821	0.870	3.000	1.886	5.098	1.244
632	FARM/RANCH MGR	8	2.375	5.250	3.250	2.125	7.375	1.625	1.375	3.000	1.750	5.125	1.500
639	FARMING (OTHER)	204	2.157	4.196	2.869	1.804	6.613	0.995	0.946	2.904	1.735	4.882	1.191
640	MILITARY (RANK NOT IND)	51	3.000	4.902	2.941	1.961	7.216	1.137	0.922	2.373	2.176	5.255	1.490
641	MILITARY-ENLISTED	27	2.704	4.778	3.037	2.037	9.111	1.370	0.852	2.481	1.852	5.037	1.407
642	MILITARY-OFFICER	111	3.793	5.892	3.550	2.162	9.514	1.360	1.099	2.721	2.387	6.243	1.540
650	INTELLIGENCE-CIA, ETC.	15	3.467	5.200	3.400	1.733	8.800	1.067	0.800	2.533	1.467	5.800	1.667
661	POLICE (PUBLIC)	188	3.096	5.048	3.282	1.766	7.250	1.133	0.920	2.468	1.798	5.330	1.351
666	FIREMAN	48	2.271	4.271	2.917	1.688	6.417	1.313	0.708	2.313	1.771	4.417	1.333
669	OTHER PROTECTIVE	19	3.526	4.789	2.947	1.474	7.158	1.211	1.000	2.632	1.895	4.947	1.368
711A	BANKING & FINANCE, I	66	2.652	5.288	3.227	1.894	7.424	1.258	1.045	2.106	1.773	5.258	1.500
711B	BANKING & FINANCE, II	114	3.386	5.860	3.456	1.974	8.825	1.368	1.237	2.246	2.035	5.816	1.605
712	INVSTMNT,STOCK CONSULT	15	3.667	6.533	3.533	2.000	9.533	1.133	1.133	2.000	2.133	6.200	1.733
716	CPA	167	3.114	5.946	3.551	2.042	9.431	1.192	0.976	1.916	1.796	5.778	1.575
717	ACCTANT (EXC CPA)	323	2.954	5.517	3.395	1.948	7.930	1.231	1.006	2.167	1.717	5.401	1.399
721	PURCHASING AGENT	40	2.925	5.425	3.425	2.000	9.050	1.525	0.875	2.125	2.100	5.250	1.750
722	RETAIL BUYER	10	3.100	5.600	3.400	1.900	6.700	1.300	1.200	1.600	1.900	5.100	1.500
723	EFFICIENCY EXPERT	130	3.300	5.569	3.562	2.062	8.915	1.377	1.069	2.431	2.292	6.015	1.546
724	ADVERTISING	30	3.400	5.967	3.600	1.900	8.900	1.467	1.233	1.900	1.500	5.700	1.533
725	PUBLIC RELATIONS	44	3.045	5.545	3.591	2.205	9.136	1.409	1.114	1.886	1.636	5.568	1.455
726	PERSONNEL ADMIN	72	3.528	5.569	3.569	2.153	8.736	1.222	1.042	2.181	2.125	5.958	1.611
727	APPRAISING/ESTIMATING	35	3.200	5.543	3.457	1.914	8.143	1.171	0.886	2.257	1.943	5.829	1.600
728	LOAN/CREDIT INVESTIG	27	3.370	5.333	3.407	1.815	8.481	1.148	1.148	1.963	1.519	5.556	1.370
730	BUS MGMT/ADMIN (NEC)	514	3.235	5.523	3.451	1.977	8.160	1.253	1.051	2.298	2.012	5.722	1.516
731	MFG MGMT	55	3.182	5.764	3.618	1.800	9.364	1.145	1.055	2.709	2.127	5.800	1.527
732	WHSL/RET TRADE MGMT/MKTG	204	3.142	5.534	3.485	2.049	9.025	1.255	1.059	2.309	1.951	5.770	1.475
738	SUPERVISOR IN BUS	53	2.434	4.642	3.019	1.830	6.453	1.226	1.038	2.585	1.736	5.472	1.321
741	SALESCLERK	27	2.667	4.667	3.074	1.889	7.148	1.185	0.815	1.926	2.222	4.296	1.111
743	STOCKBROKER	17	3.647	5.765	3.353	2.118	9.882	1.412	1.118	2.353	1.941	6.059	1.706
745	REAL EST SLSMAN	24	2.750	5.167	3.292	1.708	8.083	1.083	1.042	1.958	1.625	4.833	1.500
746	INSURANCE SLSMAN	69	3.043	5.116	3.478	1.812	7.623	1.435	1.029	2.261	2.101	5.420	1.507
747	AUTO SLSMAN	11	2.364	4.636	3.182	1.727	7.091	1.182	0.727	2.273	1.909	4.818	1.182
748	OTHER SLSMAN (NEC)	327	2.936	5.294	3.382	1.890	7.440	1.187	0.994	2.367	1.914	5.508	1.410
749	SALES MGR	63	3.095	5.540	3.508	2.000	7.778	1.429	1.063	2.127	1.762	5.810	1.524
751	BOOKKEEPER	12	2.000	4.000	3.083	2.083	5.250	1.167	0.833	2.333	1.333	4.750	1.083
755	MISC ACCT RECDG	13	2.154	4.846	2.692	1.846	8.000	1.385	0.769	2.308	1.231	4.846	1.385
758	COMPUTER OPERATOR	97	2.856	4.629	3.340	1.897	6.722	1.052	0.897	1.897	1.773	4.918	1.330
769	CLERK (MISC)	23	2.304	4.348	3.261	1.957	6.739	1.130	0.957	1.957	1.783	4.870	1.174
772	OFFICE MGR	21	2.429	5.762	3.143	1.952	6.381	1.095	0.905	1.952	2.190	4.905	1.333
789	OTHER "PUB CONTACT" OCCS	10	2.900	4.900	3.400	2.000	7.200	1.100	0.700	2.400	1.000	6.100	1.200
791	RADIO, TELEGR, TTY OP	16	2.563	3.938	3.063	1.625	6.813	1.375	0.813	2.250	1.625	5.125	1.188
796	MAIL CARRIER	20	2.550	4.250	3.100	2.150	6.550	1.150	0.900	2.150	2.150	5.300	1.500
797	MISC CLERICAL	108	2.704	4.343	3.056	1.722	6.769	0.963	0.713	1.926	1.546	4.676	1.231
798	MISC ADMINISTRATIVE	59	3.271	5.034	3.322	1.949	7.390	1.119	0.814	2.203	1.881	5.729	1.508
810	ELECTRICIAN	211	2.360	4.536	3.194	1.763	6.621	1.100	0.882	2.436	1.995	5.109	1.256
811	ELECTRONIC TECHNICIAN	258	2.946	4.969	3.229	1.845	7.453	1.198	0.872	2.539	2.213	5.585	1.415
812	APPLIANCE REPAIR	51	2.529	4.431	3.118	1.784	6.725	1.020	0.804	2.471	2.000	5.039	1.412
813	PHONE INSTALL & REPAIR	53	2.830	4.906	3.283	1.943	7.472	1.038	1.019	2.604	2.019	5.811	1.340
814	REPAIR AND SERV COMP	40	2.900	5.250	3.225	1.725	7.375	1.100	1.100	2.425	1.925	5.250	1.300
820	MECHANIC (NEC)	133	2.143	4.286	3.030	1.684	6.376	1.053	0.752	2.609	1.872	4.820	1.256
821	AUTO MECHANIC	112	2.000	4.384	3.152	1.688	5.973	1.045	0.750	2.509	1.830	4.938	1.232
822	AIRPLANE MECHANIC	101	2.475	4.574	3.050	1.693	6.871	1.178	0.782	2.624	2.099	5.020	1.198
823	OFFICE MACH REPAIR	14	3.143	5.143	3.571	2.143	7.500	0.714	0.929	3.000	2.143	5.786	1.357
824	IND MACH REPAIR	28	2.607	4.321	3.214	1.929	5.929	1.179	0.714	2.500	1.857	5.143	1.107
828	MACHINIST	276	2.399	4.572	3.207	1.714	6.438	1.214	0.913	2.667	1.967	5.297	1.297
831	CABINET MAKER	11	2.000	4.727	2.909	1.455	5.818	1.364	0.545	2.182	2.091	4.727	1.091
832	CARPENTER	63	1.683	4.143	2.984	1.746	5.698	0.937	0.841	2.762	2.095	5.048	1.016
833	METAL TRADES	119	2.101	4.101	2.916	1.588	5.697	0.983	0.731	2.538	1.975	4.580	1.210
834	BRKLYR, MASON, PTR, RFR	66	1.970	3.833	2.803	1.576	5.939	1.106	0.727	2.303	1.788	4.727	1.076
835	PLUMBER, PIPEFITTER	81	2.407	4.481	3.123	1.679	6.284	1.037	0.802	2.642	1.790	4.926	1.198
836	HEAVY EQUIP OP	42	2.310	4.452	2.976	1.714	6.548	1.333	0.929	2.905	1.810	4.833	1.190
837	MISC BLDG & CONST	43	2.302	4.465	3.093	1.628	5.791	1.256	0.884	2.372	2.070	5.209	0.977
838	MINING, QUARRYING, DRLNG	12	1.333	3.833	2.833	1.667	5.500	0.583	0.667	2.667	1.333	4.417	1.167
841	PILOT	164	3.549	5.524	3.492	2.140	8.470	1.287	1.067	2.689	2.195	6.555	1.610
843	AIRPLANE NAVIGATOR	10	3.300	6.100	3.700	2.800	9.400	1.300	1.300	2.900	2.900	6.300	1.900
848	AIR TRAFFIC CONTROLLER	10	3.100	4.900	3.700	2.000	8.300	1.200	0.900	2.100	1.600	4.700	1.500
851	MERCHANT MARINE OCC	14	3.500	5.071	3.429	2.000	7.429	1.000	1.000	2.429	2.214	5.643	1.643
852	RAILROAD OCCS	22	2.227	4.364	3.182	2.136	5.455	0.773	0.727	2.636	2.136	4.636	1.273
853	AUTO, BUS, TRUCK DRIVER	91	2.330	4.165	2.747	1.626	5.648	1.110	0.890	2.505	1.681	4.780	1.110
861	PRINTING TRADES	104	2.413	4.510	3.067	1.673	6.510	0.981	0.952	2.125	1.673	4.740	1.202
863	SURVEYOR	20	2.300	4.950	3.050	1.700	7.000	1.050	0.950	2.300	1.950	5.200	1.050
864	DRAFTSMAN	134	2.746	4.396	3.269	1.799	6.545	1.231	0.993	2.194	1.754	5.104	1.299
865	PHOTOGRAPHY	37	3.297	5.432	3.351	1.838	7.486	1.216	0.865	1.730	1.946	5.514	1.784
866	INTERIOR DECORATOR	8	2.250	4.750	3.375	1.750	8.625	1.375	0.750	2.875	1.125	5.000	1.500
867	LANDSCAPE ARCH	9	2.333	5.444	3.222	1.667	7.778	1.333	1.222	2.778	2.778	6.222	1.556
881	FOOD & BEVERAGE PREP	20	1.600	3.500	2.550	1.450	5.450	0.900	0.800	1.700	1.200	4.100	0.600
885	BUTCHER, MEAT CUTTER	35	2.000	4.229	3.000	1.771	6.143	0.914	0.800	2.429	1.829	4.514	1.000
891	MISC PERSONAL SERV	8	2.000	4.375	2.750	1.500	5.250	0.875	0.625	1.250	1.375	4.125	1.250
892	BARBER	29	2.276	3.759	3.000	1.552	5.172	0.897	0.517	2.276	1.793	4.345	1.000
893	HAIRDRESSER	18	2.778	5.944	3.167	2.278	7.278	1.667	0.778	1.778	1.444	4.611	1.333
899	GENERAL LABORER	314	2.153	4.073	2.834	1.675	6.022	0.987	0.764	2.484	1.850	4.691	1.188
	TOTAL	14570	2.939	5.192	3.333	1.933	7.873	1.236	0.987	2.320	1.925	5.513	1.446

TABLE 1.1 (continued)

			STANDARD DEVIATIONS										
			INFORMATION TEST II (CONTD.)										
#	GROUP	N	MILITARY	ACCTG, BUS, SALES	PRACT KNOWL	CLERICAL	BIBLE	COLORS	ETIQUETTE	HUNTING	FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY
			R-138	R-139	R-140	R-141	R-142	R-143	R-144	R-145	R-146	R-147	R-148
571	ACTOR	11	1.342	1.722	0.522	0.809	3.060	1.128	0.809	1.036	1.897	2.119	0.751
575	THEATRE (OTHER)	26	1.578	1.826	0.500	0.746	3.582	0.870	0.611	1.323	1.069	1.610	0.583
578	RADIO/TV ANNOUN.	23	1.014	1.453	0.843	1.000	3.309	0.928	0.825	0.951	1.370	1.714	0.722
579	MISC PERF ARTS	10	1.764	1.524	0.316	0.850	2.885	0.699	0.632	1.229	1.033	1.350	0.568
611	PRO ATHLETE	12	1.422	2.167	0.515	1.000	2.812	0.985	0.778	1.073	0.718	1.240	0.669
612	PRO ATHLETICS (AUX)	10	1.647	2.111	1.160	0.675	2.908	0.738	0.789	0.949	0.949	1.897	0.516
621	RECREATION DIR.	14	1.762	2.316	1.231	0.699	3.592	0.756	0.726	1.225	1.292	1.505	0.497
623	FRSTRY, HUNT, TRAP	22	1.192	1.706	0.811	0.710	2.594	0.853	0.610	1.283	1.469	1.524	0.750
631	FARM/RANCH OWNER	123	1.210	1.699	0.887	0.841	3.184	0.747	0.627	1.016	1.319	1.884	0.705
632	FARM/RANCH MGR	9	1.506	1.982	0.707	0.835	4.291	0.916	0.518	0.926	1.488	1.808	0.756
639	FARMING (OTHER)	204	1.337	1.719	0.921	0.825	3.153	0.896	0.614	1.141	1.247	1.732	0.748
640	MILITARY (RANK NOT IND)	51	1.470	1.921	1.028	0.958	3.557	0.775	0.659	1.280	1.090	1.635	0.703
641	MILITARY-ENLISTED	27	1.728	1.867	0.898	0.854	3.332	0.839	0.718	1.156	1.350	1.776	0.797
642	MILITARY-OFFICER	111	1.556	1.634	0.684	0.757	3.387	0.904	0.646	1.252	1.177	1.619	0.615
650	INTELLIGENCE-CIA, ETC.	15	1.246	1.373	0.632	0.799	3.707	0.704	0.676	1.187	1.246	1.859	0.816
661	POLICE (PUBLIC)	198	1.459	1.816	0.731	0.846	3.207	0.813	0.628	1.318	1.250	1.622	0.681
666	FIREMAN	69	1.333	1.771	1.007	0.854	2.865	0.829	0.617	1.323	1.115	1.866	0.663
669	OTHER PROTECTIVE	13	1.645	1.960	0.848	1.073	3.436	0.787	0.745	1.342	1.100	1.747	0.761
711A	BANKING & FINANCE, I	66	1.409	1.904	1.005	0.825	3.469	0.780	0.666	1.266	1.379	1.667	0.639
711B	BANKING & FINANCE, II	114	1.490	1.719	0.654	0.846	3.011	0.905	0.656	1.301	1.276	1.605	0.633
712	INVSTMNT,STOCK CONSULT	15	1.589	1.457	0.640	0.655	3.523	0.915	0.516	1.363	1.187	1.424	0.458
716	CPA	147	1.351	1.754	0.618	0.747	3.222	0.911	0.719	1.164	1.268	1.342	0.680
717	ACCTANT (EXC CPA)	320	1.476	1.730	0.750	0.848	3.247	0.849	0.694	1.234	1.248	1.601	0.665
721	PURCHASING AGENT	60	1.457	1.448	0.675	0.751	3.063	0.877	0.648	1.436	1.215	1.104	0.543
722	RETAIL BUYER	10	1.792	1.713	0.516	0.738	3.093	0.949	0.632	1.430	0.994	1.370	0.527
723	EFFICIENCY EXPERT	130	1.379	1.721	0.571	0.842	3.189	0.865	0.649	1.239	1.285	1.647	0.660
724	ADVERTISING	30	1.673	1.608	0.563	0.803	3.089	0.900	0.679	1.242	1.408	1.368	0.819
725	PUBLIC RELATIONS	44	1.311	1.745	0.658	0.734	3.387	0.948	0.579	1.125	1.102	1.591	0.697
726	PERSONNEL ADMIN	72	1.222	1.830	0.624	0.705	2.763	1.010	0.721	1.214	1.198	1.614	0.703
727	APPRAISING/ESTIMATING	35	1.279	1.704	0.741	0.658	2.932	0.707	0.676	1.197	1.211	1.200	0.553
728	LOAN/CREDIT INVESTIG	27	1.391	1.664	0.797	0.622	3.412	0.718	0.662	1.285	1.252	1.553	0.742
730	BUS MGMT/ADMIN (NEC)	514	1.463	1.673	0.705	0.821	3.206	0.871	0.713	1.258	1.292	1.545	0.646
731	MFG MGMT	55	1.467	1.846	0.527	0.869	2.908	0.891	0.650	1.212	1.263	1.406	0.604
732	WHSL/RET TRADE MGMT/MKTG	206	1.370	1.760	0.662	0.817	2.945	0.912	0.706	1.262	1.309	1.628	0.676
738	SUPERVISOR IN BUS	53	1.352	1.744	1.065	0.871	2.893	0.869	0.678	1.292	1.361	1.648	0.754
741	SALESCLERK	27	1.519	1.840	0.997	0.801	3.450	0.834	0.736	1.466	1.050	1.728	0.577
743	STOCKBROKER	17	1.412	2.195	0.606	0.600	3.140	0.870	0.600	1.115	1.144	1.560	0.686
745	REAL EST SLSMAN	24	1.567	1.523	0.690	0.690	3.988	1.100	0.624	1.367	1.439	1.736	0.590
746	INSURANCE, SLSMAN	60	1.398	2.040	0.678	0.912	3.139	0.848	0.618	1.196	1.274	1.786	0.678
747	AUTO SLSMAN	11	1.567	1.859	0.982	0.786	2.386	0.603	0.467	0.905	1.375	1.401	0.603
748	OTHER SLSMAN (NEC)	327	1.376	1.774	0.725	0.775	3.074	0.854	0.651	1.213	1.310	1.648	0.653
749	SALES MGR	43	1.552	1.543	0.619	0.762	3.029	0.856	0.669	1.171	1.011	1.575	0.644
751	BOOKKEEPER	12	0.953	1.477	0.793	0.793	1.603	0.718	0.577	1.371	1.155	2.094	0.515
755	MISC ACCT RECDG	13	1.676	2.115	0.855	0.801	3.136	0.870	0.725	0.855	1.301	1.725	0.506
758	COMPUTER OPERATOR	97	1.377	1.956	0.853	0.952	3.016	0.846	0.684	1.229	1.335	1.964	0.685
769	CLERK (MISC)	23	1.428	1.991	0.864	0.562	2.472	0.757	0.706	1.147	1.565	1.914	0.778
772	OFFICE MGR	21	1.502	1.338	0.727	0.865	3.201	0.995	0.625	1.284	1.030	1.513	0.658
789	OTHER "PUB CONTACT" OCCS	10	1.619	1.853	0.699	0.816	3.293	0.994	0.483	1.647	1.155	1.595	0.632
791	RADIO, TELEGR, TTY OP	16	1.632	1.982	0.998	1.088	3.270	0.806	0.834	1.291	1.258	1.893	0.750
796	MAIL CARRIER	20	1.309	1.713	0.912	0.745	2.212	0.813	0.696	1.089	1.226	1.720	0.681
797	MISC CLERICAL	108	1.613	1.659	0.895	0.863	3.202	0.916	0.612	1.197	1.106	1.787	0.718
798	MISC ADMINISTRATIVE	59	1.448	1.903	0.880	0.797	2.835	0.948	0.629	1.297	1.261	1.638	0.796
810	ELECTRICIAN	211	1.277	1.811	0.881	0.787	2.950	0.802	0.655	1.146	1.259	1.787	0.744
811	ELECTRONIC TECHNICIAN	258	1.446	1.873	0.817	0.822	3.203	0.897	0.639	1.235	1.343	1.714	0.650
812	APPLIANCE REPAIR	51	1.391	1.781	0.931	0.832	2.871	0.678	0.601	1.027	1.058	1.811	0.606
813	PHONE INSTALL & REPAIR	53	1.326	1.334	0.632	0.663	2.562	0.854	0.665	1.214	1.278	1.582	0.678
814	REPAIR AND SERV COMP	40	1.336	1.808	0.920	0.877	3.044	0.871	0.591	1.238	1.542	1.676	0.516
820	MECHANIC (NEC)	133	1.274	1.704	0.852	0.847	2.751	0.791	0.608	1.325	1.276	1.669	0.670
821	AUTO MECHANIC	112	1.238	1.866	0.808	0.849	3.068	0.842	0.691	1.280	1.185	1.822	0.671
822	AIRPLANE MECHANIC	101	1.390	1.645	0.829	0.869	2.966	0.921	0.657	1.199	1.162	1.743	0.721
823	OFFICE MACH REPAIR	14	1.460	1.657	0.646	0.663	2.849	0.611	0.616	0.877	0.864	1.251	0.633
824	IND MACH REPAIR	23	1.707	1.847	0.833	0.716	3.344	0.905	0.659	1.202	1.297	1.737	0.685
828	MACHINIST	276	1.326	1.733	0.830	0.801	2.884	0.862	0.655	1.244	1.289	1.535	0.718
831	CABINET MAKER	11	1.732	1.555	1.136	0.934	3.311	0.809	0.688	1.079	1.375	1.794	0.831
832	CARPENTER	63	1.216	1.501	0.942	0.933	3.030	0.859	0.601	1.304	1.214	1.755	0.609
833	METAL TRADES	110	1.182	1.753	0.917	0.877	2.570	0.802	0.660	1.118	1.196	1.602	0.791
834	BRKLYR, MASON, PTR, RFR	66	1.176	1.706	1.011	0.912	2.833	0.930	0.714	1.150	1.234	1.768	0.730
835	PLUMBER, PIPEFITTER	81	1.253	1.956	0.967	1.010	2.762	0.901	0.600	1.176	1.348	1.752	0.872
836	HEAVY EQUIP OP	42	1.316	1.533	0.975	1.019	2.813	0.928	0.712	0.878	1.131	1.752	0.707
837	MISC BLDG & CONST	43	1.186	1.623	1.042	0.846	2.522	0.902	0.731	1.415	1.502	1.753	0.707
838	MINING, QUARRYING, DRLNG	12	1.155	1.642	1.193	0.651	3.398	0.669	0.492	1.231	1.155	1.730	0.577
841	PILOT	164	1.450	1.595	0.669	0.774	3.089	0.871	0.657	1.186	1.277	1.362	0.705
843	AIRPLANE NAVIGATOR	10	1.252	1.792	0.483	0.422	3.098	0.675	0.675	1.197	1.229	1.229	0.568
848	AIR TRAFFIC CONTROLLER	10	0.876	1.969	0.483	0.943	3.683	0.919	0.568	0.738	1.265	1.252	0.850
851	MERCHANT MARINE OCC	14	1.225	1.207	0.646	0.877	3.368	0.679	0.679	1.399	1.122	1.550	0.497
852	RAILROAD OCCS	22	1.478	1.814	0.795	0.889	2.738	0.752	0.631	1.255	1.390	1.733	0.767
853	AUTO, BUS, TRUCK DRIVER	91	1.283	1.893	1.039	0.755	2.873	0.862	0.657	1.109	1.201	1.711	0.722
861	PRINTING TRADES	104	1.377	1.707	0.884	0.864	2.748	0.812	0.716	1.244	1.250	1.746	0.629
863	SURVEYOR	20	1.174	1.959	0.887	0.801	2.449	0.510	0.759	1.081	1.317	1.908	0.759
864	DRAFTSMAN	134	1.434	1.717	0.842	0.793	2.774	0.900	0.720	1.241	1.160	1.709	0.661
865	PHOTOGRAPHY	37	1.024	1.994	0.753	0.866	3.664	0.886	0.631	1.217	1.201	1.693	0.854
866	INTERIOR DECORATOR	8	0.886	1.909	1.061	1.035	3.503	1.188	0.886	1.126	1.126	2.204	1.069
867	LANDSCAPE ARCH	9	1.414	1.590	0.972	0.707	3.346	0.707	0.833	1.202	1.922	1.856	0.882
881	FOOD & BEVERAGE PREP	20	0.883	1.433	1.276	0.826	3.069	0.718	0.696	1.081	1.105	1.861	0.681
885	BUTCHER, MEAT CUTTER	35	1.372	1.682	0.907	0.910	2.952	0.919	0.719	1.065	1.248	1.401	0.728
891	MISC PERSONAL SERV	8	0.926	2.066	1.488	0.756	2.435	0.641	0.518	1.282	0.916	2.416	0.886
892	BARBER	29	1.412	1.354	1.035	0.910	2.687	0.817	0.634	1.461	1.346	1.895	0.707
893	HAIRDRESSER	18	1.215	1.731	0.707	0.575	3.304	1.188	0.808	1.517	1.464	1.685	0.907
899	GENERAL LABORER	314	1.287	1.729	0.997	0.821	2.772	0.807	0.680	1.181	1.223	1.761	0.692
	TOTAL	14570	1.475	1.880	0.908	0.837	3.361	0.887	0.688	1.269	1.298	1.724	0.706

TABLE 1.1 (continued)

#	GROUP	N	MEANS										
			INFORMATION TEST II (CONTD.)									ENGLISH TEST	
			GAMES (SEDEN)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS	DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION
			R-149	R-150	R-151	R-152	R-162	R-211	R-212	R-220	R-231	R-232	R-233
000	NO ANSWER	1766	2.549	4.205	1.260	5.104	6.115	8.742	11.195	15.222	9.009	29.182	17.415
001	DON'T KNOW	73	2.593	4.217	1.237	4.996	6.134	8.772	11.214	15.076	8.883	29.396	17.538
101	EXECUTIVE (NEC)	59	2.966	4.797	1.390	5.881	6.881	9.051	12.407	18.678	9.983	30.610	18.695
102	FOREMAN (NEC)	103	2.252	4.214	1.204	4.757	5.796	8.883	9.990	14.515	8.689	29.068	16.165
111	WORK FOR GOVT (NEC)	49	2.714	3.878	1.122	4.816	6.184	8.857	10.816	16.163	9.184	29.531	17.388
112	IN BUS. FOR SELF (NEC)	255	2.475	4.106	1.292	5.004	6.027	8.482	10.737	14.447	8.435	29.004	16.573
120	IND., BUS., COMM. (NEC)	161	2.621	4.571	1.435	5.130	6.236	8.522	11.540	15.969	9.155	29.944	17.640
121	RETAIL (NEC)	22	2.682	4.318	1.318	5.591	6.455	8.318	11.136	16.273	8.864	29.864	17.273
122	TRANSPORTATION (NEC)	15	2.698	4.500	1.250	5.938	6.750	9.250	12.813	14.438	10.000	30.313	18.000
123	REAL ESTATE(NEC)	9	3.000	4.444	1.556	6.111	6.111	10.222	12.444	16.222	9.333	29.444	16.778
124	INSURANCE (NEC)	24	2.167	4.500	1.625	5.292	7.000	8.500	11.083	17.458	10.375	29.500	19.542
125	ELECTRONICS (NEC)	113	2.540	4.097	1.168	5.088	6.469	9.177	10.504	14.363	8.372	29.991	17.814
211	MATH., STAT.	42	3.310	5.000	1.357	6.000	7.119	8.310	14.857	18.310	10.905	30.738	22.143
212	OTHER STATISTICS	10	3.600	5.100	1.800	6.600	7.700	9.700	15.200	19.500	11.100	31.400	21.700
221	SYSTEMS ANALYST	56	3.268	5.357	1.607	6.250	7.589	9.446	13.482	18.929	10.679	31.196	20.821
222	COMPUTER PROG.	173	2.832	4.688	1.335	5.601	6.728	9.486	11.977	16.272	10.092	30.040	18.780
229	COMPUTER SPEC. (NEC)	38	3.132	4.737	1.447	6.132	7.000	9.526	13.684	19.632	10.316	30.632	20.132
230	PHYS. SCI. (NEC)	16	3.625	5.000	1.625	6.438	7.563	10.250	13.688	17.500	11.188	31.438	20.688
231	CHEMIST	93	3.118	5.172	1.645	6.398	7.387	9.333	14.548	18.527	10.505	30.957	20.527
232	PHYSICIST	53	3.642	5.057	1.509	6.642	7.679	10.094	15.189	19.623	10.660	31.226	21.811
234	GEOLOGIST	22	3.000	5.273	1.909	6.636	8.000	9.409	13.455	18.000	10.318	31.545	20.591
240	ENGINEER (NEC)	249	3.206	5.129	1.540	6.145	7.516	9.407	14.379	18.190	10.548	30.790	20.440
241	CIVIL ENGINEER	97	3.072	4.732	1.443	5.979	7.309	10.186	13.701	17.763	10.351	30.887	20.412
242	ELEC. ENGINEER	234	3.179	4.726	1.385	6.179	7.282	9.329	13.692	17.560	9.974	30.585	20.474
243	MECH. ENGINEER	139	3.108	4.784	1.367	5.957	7.547	9.640	13.432	17.892	10.640	30.964	20.899
244	AERONAUTICAL ENG.	40	2.950	5.025	1.400	6.150	7.575	9.000	14.375	17.875	10.825	30.950	21.100
245	CHEM. ENGINEER	48	3.542	5.021	1.375	6.188	7.458	10.000	15.438	19.917	11.271	31.000	21.250
250	ARCHITECT	64	3.094	5.203	1.797	5.797	7.484	9.641	14.359	19.000	10.188	30.813	19.984
299	PHYS. SCI., LAB TECH.	100	2.590	4.290	1.080	5.390	6.480	8.710	11.410	14.740	9.040	29.710	17.570
310	BIOLOGIST, ZOOLOGIST	48	2.833	5.000	1.688	5.833	7.083	9.875	14.625	19.083	11.000	31.000	20.104
313	SPEC. IN AGRIC. SCI.	33	2.606	4.485	1.182	5.000	6.909	9.455	13.182	14.939	9.818	30.121	19.091
314	WLDLF/FOREST SPEC.	43	2.465	4.442	1.070	5.442	6.953	10.093	13.209	17.907	9.767	30.605	19.395
316	MICROBIOLOGIST	9	3.444	5.778	2.111	6.889	8.333	7.333	12.000	20.889	11.444	31.222	21.222
317	BIOCHEMIST	10	3.500	5.300	1.800	6.100	7.900	10.500	14.000	19.700	10.200	30.100	21.100
322	MD-SURGEON	8	3.625	5.500	1.500	6.500	8.000	9.750	12.375	18.125	10.625	31.250	19.750
329	MD-OTHER	186	3.446	5.624	2.081	6.473	7.919	9.747	15.376	21.199	11.613	30.995	22.075
332	DENTIST	92	3.152	5.283	1.739	6.152	7.435	9.446	13.761	18.804	11.011	31.033	21.196
333	VETERINARIAN	30	2.533	4.133	1.000	5.733	7.400	9.733	13.967	16.533	10.033	30.567	20.267
335	PHARMACIST	89	2.764	4.843	1.449	6.191	7.124	9.382	13.517	17.281	10.438	30.596	20.461
336	OPTOMETRIST	14	3.000	5.071	2.071	5.286	6.643	8.071	12.429	18.143	9.929	30.143	17.643
337	RN	8	1.875	5.250	1.500	5.625	7.000	8.250	9.375	15.750	9.000	31.250	19.625
345	CHIROPRACTOR	9	2.778	4.444	1.222	5.333	6.333	10.778	15.333	16.778	7.667	29.222	16.778
347	MED/DENT TECHNOL.	15	2.800	4.200	1.000	5.533	6.733	9.267	13.067	16.867	10.733	30.267	18.133
348	MED/DENT TECHNICIAN	31	2.452	3.806	1.161	5.065	5.387	7.935	9.677	12.032	8.161	28.516	15.839
350	HOSPITAL ADMIN.	13	2.846	4.615	1.692	5.692	7.000	10.846	13.692	16.231	10.231	30.462	19.385
360	PSYCHOLOGIST	94	3.191	5.564	1.798	6.106	7.468	9.404	13.819	20.436	10.766	30.745	20.713
370	SOCIAL WORKER	65	2.846	4.862	1.369	5.662	7.138	8.877	12.738	17.031	10.200	30.123	18.923
372	COUNSELING/GUIDANCE	10	2.800	5.600	1.400	6.400	7.300	7.500	11.700	18.100	10.300	30.500	20.000
373	VOC/ED GUIDANCE	42	2.810	5.143	1.476	5.857	6.762	9.143	12.286	16.857	10.143	30.714	20.095
382	ECONOMIST	32	3.063	5.156	1.906	6.563	7.500	8.438	13.969	17.750	9.844	30.031	20.219
389	SOC. SCI. (MISC)	31	2.871	4.968	2.000	6.19	7.419	9.000	13.806	18.613	10.000	29.645	20.161
391	POLITICIAN	16	3.250	5.313	1.625	6.250	6.625	8.813	14.375	19.375	11.125	29.938	20.250
392	DIPLOMAT	21	3.143	5.476	2.381	6.571	7.810	9.048	15.286	20.143	10.952	30.000	21.619
393	LAWYER	342	3.298	5.763	2.102	6.480	7.787	9.292	13.985	20.295	11.152	31.056	21.158
394	MARKET ANALYST	15	2.800	4.933	1.667	5.600	7.000	8.200	13.533	15.200	10.267	30.400	18.733
397	PUBLIC ADM (NEC)	16	2.875	4.813	1.875	6.188	6.938	8.188	12.750	18.750	9.875	28.563	20.375
398	CITY PLANNER (NEC)	21	2.952	5.571	1.429	5.905	7.857	8.619	13.857	17.524	10.333	31.190	20.905
400	TEACHER (NEC)	478	2.713	4.743	1.410	5.579	6.858	9.128	12.751	16.887	10.111	30.153	19.073
412	TEACHER-ELEM.	53	2.736	4.604	1.302	5.755	6.679	9.189	12.472	16.811	9.717	30.075	18.340
420	TEACHER-HS (NEC)	98	2.857	4.724	1.429	5.643	7.224	8.878	12.551	17.582	10.051	29.755	19.531
421	TEACHER-HS MATH	65	3.015	4.538	1.231	5.815	6.862	9.462	14.077	16.600	10.323	30.985	20.615
422	TEACHER-HS SCIENCE	68	2.662	4.544	1.368	5.882	7.029	8.897	13.956	16.765	9.647	30.176	19.206
423	TEACHER-HS SOC. ST.	85	2.671	4.894	1.341	5.682	7.000	8.824	12.482	16.835	10.106	30.565	18.294
424	TEACHER-ENGLISH	38	3.026	5.395	1.947	6.105	7.237	9.711	13.711	19.421	11.026	30.500	20.711
425	TEACHER-FOR. LANG.	14	2.643	5.000	1.714	6.429	6.857	10.000	12.643	17.929	10.571	30.500	20.714
426	TEACHER-COMM. ED.	14	2.500	5.143	1.214	5.929	6.857	9.143	11.857	17.357	10.500	31.214	19.357
428	TEACHER-TRADES	50	2.560	4.260	1.160	4.880	6.400	8.880	11.740	14.640	9.160	29.540	17.400
429	TEACHER-PHYS. ED.	57	2.614	4.421	1.246	5.211	6.333	8.316	11.860	15.982	9.368	30.263	17.000
431	TEACHER-ART	12	2.750	5.250	2.250	5.500	7.000	8.333	12.917	17.167	9.083	29.333	19.667
432	TEACHER-MUSIC	30	2.667	5.433	1.667	5.967	6.767	8.367	12.400	18.200	10.200	29.867	20.900
440	TEACHER-HANDICAPPED	12	2.833	5.333	1.500	5.583	7.250	9.333	12.417	16.500	9.417	31.167	19.250
450	SCH. ADMIN. (EXC. COLL.)	45	2.511	4.867	1.356	5.622	6.667	10.000	13.267	17.022	9.822	29.622	19.089
460	COLL/UNIV TCHR (NEC)	214	3.089	5.341	1.682	6.425	7.668	9.416	13.813	19.556	11.019	30.935	20.752
461	COLL/UNIV TCHR-MATH	30	3.567	5.567	1.767	6.733	7.700	9.733	15.400	20.500	12.433	31.567	23.633
462	COLL/UNIV TCHR-SCI	48	3.563	5.458	1.708	6.438	7.854	10.146	14.958	19.896	11.438	31.208	21.979
463	COLL/UNIV TCHR-SOC SCI	81	3.222	6.000	2.025	6.469	7.840	9.148	14.333	19.667	11.272	30.790	20.901
464	COLL/UNIV TCHR-ENGLISH	44	3.114	5.864	2.273	6.341	7.795	9.727	15.000	22.205	11.955	30.159	21.705
470	COLL/UNIV TCHR-ADM	13	2.615	5.308	1.769	5.077	7.154	10.692	16.231	18.692	11.538	31.231	21.231
511	LIBRARIAN	9	2.333	6.444	1.778	5.333	7.667	10.778	13.556	17.111	11.000	30.778	20.556
521	CLERGYMAN	177	2.966	4.983	1.599	5.932	7.192	9.718	13.966	18.232	10.932	30.492	20.876
523	RELIGIOUS WORKER (OTHER)	23	2.565	4.087	0.870	4.870	5.609	8.696	12.391	16.130	10.696	30.391	20.435
531	WRITER (NEC)	21	3.238	5.524	1.714	6.000	7.619	9.810	14.762	21.286	10.190	30.857	19.762
534	JOURNALIST/REPORTER	43	3.000	5.372	1.860	5.837	7.279	7.953	14.744	20.535	11.256	30.907	20.558
537	EDITOR	10	2.500	5.600	1.700	6.300	7.400	8.600	13.400	22.200	13.000	31.600	22.200
541	FINE ARTS	22	2.591	4.773	1.727	6.000	6.727	8.545	11.864	16.000	8.727	29.909	17.227
545	COMM ARTIST	54	2.333	4.463	1.463	5.296	6.630	8.593	10.685	15.944	8.870	30.037	17.537
547	DESIGNER (CONS GOODS)	14	2.000	4.500	1.357	5.500	6.714	9.929	12.214	16.857	9.286	29.857	16.929
551	MUSICIAN	17	3.118	5.294	1.765	5.529	6.765	8.824	14.059	19.235	10.765	30.765	18.824

TABLE 1.1 (continued)

			STANDARD DEVIATIONS										
			INFORMATION TEST II (CONTD.)									ENGLISH TEST	
#	GROUP	N	GAMES (SEDEN)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS	DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION
			R-149	R-150	R-151	R-152	R-162	R-211	R-212	R-220	R-231	R-232	R-233
000	NO ANSWER	1766	1.160	1.740	1.015	1.842	2.171	2.870	5.158	6.924	2.958	3.945	4.438
001	DON'T KNOW	734	1.216	1.685	1.016	1.762	2.089	2.994	5.084	6.639	2.910	3.450	4.211
101	EXECUTIVE (NEC)	59	1.273	1.669	1.099	1.615	1.723	2.396	5.089	6.252	3.132	1.722	3.696
102	FOREMAN (NEC)	103	1.036	1.532	0.953	1.485	2.083	2.731	4.181	6.459	2.783	3.584	3.557
111	WORK FOR GOVT (NEC)	43	0.979	1.822	0.949	1.629	1.878	2.693	4.729	7.084	3.053	2.237	3.226
112	IN BUS. FOR SELF (NEC)	255	1.232	1.514	0.963	1.685	1.973	2.915	4.830	6.390	3.116	4.614	4.269
120	IND., BUS., COMM. (NEC)	161	1.151	1.735	1.036	1.851	2.081	3.099	5.337	6.693	2.654	3.368	3.582
121	RETAIL (NEC)	22	1.211	1.644	0.995	1.652	1.565	2.514	5.842	6.916	1.983	1.910	3.180
122	TRANSPORTATION (NEC)	16	1.014	1.461	0.856	1.526	1.653	2.017	4.929	7.924	3.724	1.887	2.898
123	REAL ESTATE(NEC)	9	1.225	1.590	1.130	1.054	1.764	3.114	4.391	5.191	2.958	6.410	4.577
124	INSURANCE (NEC)	24	1.167	1.769	0.924	1.706	1.769	2.874	5.332	7.102	2.533	3.865	3.978
125	ELECTRONICS (NEC)	113	1.134	1.581	0.895	1.750	1.828	2.848	4.759	6.768	2.706	1.971	3.781
211	MATH., STAT.	42	1.334	1.696	1.032	2.012	1.877	2.892	4.615	6.528	2.467	1.609	3.346
212	OTHER STATISTICS	10	0.966	1.197	1.033	1.713	1.494	2.263	3.327	5.543	2.961	1.713	3.945
221	SYSTEMS ANALYST	54	1.243	1.271	1.039	1.338	1.233	3.324	5.236	6.105	2.587	1.065	3.004
222	COMPUTER PROG.	173	1.136	1.535	1.002	1.778	1.782	2.729	5.352	6.782	2.541	3.148	4.136
229	COMPUTER SPEC. (NEC)	39	1.298	1.519	1.058	1.597	2.000	3.454	5.766	5.538	2.580	2.046	4.256
230	PHYS. SCI. (NEC)	16	0.885	2.000	1.025	1.825	1.365	3.838	6.983	6.154	2.857	0.964	3.911
231	CHEMIST	93	1.121	1.692	1.119	1.438	1.475	2.935	5.333	6.039	2.665	1.668	3.787
232	PHYSICIST	53	0.942	1.610	1.012	1.402	1.283	2.684	4.768	5.175	2.895	1.187	3.253
234	GEOLOGIST	22	1.195	1.241	1.151	1.293	0.976	2.806	5.604	6.936	2.571	1.011	3.376
240	ENGINEER (NEC)	349	1.096	1.571	0.993	1.531	1.388	2.998	5.437	6.143	2.654	2.800	3.887
241	CIVIL ENGINEER	97	1.166	1.551	1.020	1.581	1.673	2.966	5.210	6.074	2.716	1.802	3.457
242	ELEC. ENGINEER	234	1.124	1.495	1.039	1.576	1.533	2.801	5.220	6.611	2.773	3.072	3.611
243	MECH. ENGINEER	139	1.214	1.555	0.994	1.592	1.476	2.818	4.860	6.571	2.565	1.562	3.199
244	AERONAUTICAL ENG.	40	1.131	1.609	1.150	1.460	1.318	3.187	6.084	5.469	2.716	1.280	2.734
245	CHEM. ENGINEER	49	0.922	1.578	0.959	1.511	1.458	3.209	4.963	5.600	2.524	1.321	2.717
250	ARCHITECT	64	1.080	1.427	1.072	1.359	1.574	2.913	5.761	6.154	2.678	1.521	3.649
299	PHYS. SCI., LAB TECH.	100	1.093	1.465	0.939	1.757	1.767	2.893	5.571	6.519	2.892	2.645	3.841
310	BIOLOGIST, ZOOLOGIST	43	1.173	1.701	1.055	1.705	1.922	3.008	5.700	6.361	3.053	1.272	3.647
313	SPEC. IN AGRIC. SCI.	33	1.298	1.661	1.074	1.714	1.826	2.785	5.359	5.651	2.443	2.315	2.821
314	WLDLF/FOREST SPEC.	43	1.260	1.419	0.985	1.532	1.413	2.967	4.759	6.202	2.644	1.294	3.125
316	MICROBIOLOGIST	9	0.882	1.302	1.167	1.364	0.707	3.674	4.583	3.983	2.404	0.833	2.682
317	BIOCHEMIST	10	1.179	2.163	1.135	1.101	1.197	2.991	5.249	3.529	2.486	2.846	4.280
322	MD-SURGEON	8	1.061	1.690	1.195	1.309	0.535	2.816	8.667	7.643	3.623	1.282	3.105
329	MD-OTHER	186	1.239	1.593	1.050	1.426	1.247	2.866	5.540	6.122	2.332	3.333	3.262
332	DENTIST	92	1.231	1.619	0.948	1.382	1.353	2.779	5.650	6.779	2.211	1.235	2.594
333	VETERINARIAN	30	1.306	1.592	0.830	1.574	1.329	3.151	4.642	5.469	2.385	1.736	3.258
335	PHARMACIST	89	1.108	1.476	0.892	1.296	1.543	2.826	4.862	6.523	2.939	1.976	3.474
336	OPTOMETRIST	14	0.961	1.207	1.269	1.437	1.865	4.251	6.009	5.600	3.025	1.834	2.678
337	RN	8	1.885	1.282	0.926	1.188	1.512	1.389	3.503	5.776	2.449	1.165	3.701
345	CHIROPRACTOR	9	1.302	2.007	1.302	1.581	2.000	3.073	7.984	6.180	2.550	2.048	3.563
347	MED/DENT TECHNOL.	15	1.082	1.821	1.134	1.457	1.907	2.344	4.284	7.918	2.434	1.831	3.796
348	MED/DENT TECHNICIAN	21	1.060	1.493	0.898	1.769	2.290	2.909	5.486	6.210	2.131	3.472	4.124
350	HOSPITAL ADMIN.	13	1.405	1.758	1.032	1.702	2.309	3.023	5.468	6.207	2.833	1.898	4.032
360	PSYCHOLOGIST	94	1.244	1.682	1.160	1.562	1.493	2.837	5.052	5.293	2.923	1.665	3.202
370	SOCIAL WORKER	65	0.905	1.685	1.039	1.554	1.540	2.637	5.663	6.835	2.818	1.755	3.429
372	COUNSELING/GUIDANCE	10	1.398	1.265	1.174	1.075	1.337	2.953	5.559	4.533	2.111	1.179	2.867
373	VOC/ED GUIDANCE	42	1.174	1.617	1.153	1.868	1.650	3.592	5.023	6.198	3.001	1.991	3.532
382	ECONOMIST	32	1.076	1.868	1.058	1.523	1.320	2.299	5.252	6.180	2.897	2.718	3.098
389	SOC. SCI. (MISC)	31	1.258	1.816	0.894	0.910	1.544	3.055	5.326	6.761	2.338	5.625	4.042
391	POLITICIAN	16	1.238	1.922	1.147	1.807	2.156	3.188	6.365	6.612	3.096	3.785	5.234
392	DIPLOMAT	21	1.315	1.834	1.203	1.989	1.601	3.788	6.813	7.016	2.598	6.641	4.511
393	LAWYER	342	1.146	1.516	1.035	1.384	1.265	2.898	5.516	6.199	2.611	2.103	3.385
394	MARKET ANALYST	15	1.373	1.751	1.047	1.242	1.309	2.366	3.662	5.955	2.658	1.639	3.634
397	PUBLIC ADM (NEC)	16	1.088	1.642	1.025	1.047	1.611	2.639	4.203	4.919	2.187	7.033	3.263
398	CITY PLANNER (NEC)	21	1.203	1.599	0.811	1.136	1.195	2.906	5.043	5.173	2.244	1.078	2.719
400	TEACHER (NEC)	478	1.144	1.609	1.068	1.645	1.750	2.751	5.134	6.301	2.758	3.103	3.781
412	TEACHER-ELEM.	53	1.077	1.780	1.137	1.742	1.827	2.922	5.067	6.677	2.060	1.806	3.858
420	TEACHER-HS (NEC)	39	1.140	1.667	0.942	1.561	1.523	3.044	4.897	5.713	2.923	4.527	3.829
421	TEACHER-HS MATH	65	1.205	1.521	1.072	1.333	1.499	2.699	4.456	6.867	2.953	1.409	3.574
422	TEACHER-HS SCIENCE	68	1.167	1.550	0.991	1.928	1.836	3.038	5.227	5.699	2.550	2.375	3.370
423	TEACHER-HS SOC. ST.	85	1.040	1.528	0.958	1.552	1.711	3.223	5.044	7.020	2.526	1.476	3.376
424	TEACHER-ENGLISH	39	1.219	1.552	1.064	1.351	1.567	3.048	5.886	5.998	2.224	1.812	2.940
425	TEACHER-FOR. LANG.	14	1.216	2.038	1.069	1.399	1.703	2.935	3.915	4.497	2.209	2.534	4.983
426	TEACHER-COMM. ED.	14	1.160	1.562	0.699	1.385	1.292	3.159	5.869	7.702	3.180	1.051	4.069
428	TEACHER-TRADES	50	1.163	1.562	1.037	1.934	1.895	2.869	4.453	6.880	2.951	2.460	3.546
429	TEACHER-PHYS. ED.	57	1.176	1.362	0.912	1.521	1.776	2.733	4.955	6.784	2.992	2.126	4.049
431	TEACHER-ART	12	1.138	1.603	1.138	1.243	1.537	3.143	6.127	6.534	3.450	2.309	2.570
432	TEACHER-MUSIC	30	1.028	1.501	0.959	1.564	1.654	2.834	6.072	7.004	2.427	5.758	3.689
440	TEACHER-HANDICAPPED	12	0.718	1.614	1.000	1.621	1.357	3.172	6.571	7.705	2.429	0.938	4.224
450	SCH. ADMIN. (EXC. COLL.)	45	0.991	1.673	1.090	1.497	1.859	2.763	4.952	6.757	2.987	4.960	4.507
460	COLL/UNIV TCHR (NEC)	214	1.145	1.667	1.022	1.486	1.481	2.950	5.538	6.467	2.758	2.578	3.639
461	COLL/UNIV TCHR-MATH	30	1.006	1.813	1.006	1.760	1.264	3.162	4.636	5.224	2.112	1.382	3.034
462	COLL/UNIV TCHR-SCI	49	1.165	1.473	0.944	1.556	1.238	2.526	5.516	7.147	2.600	1.879	3.192
463	COLL/UNIV TCHR-SOC SCI	81	1.025	1.475	1.129	1.352	1.308	2.829	4.940	6.584	2.366	1.429	3.323
464	COLL/UNIV TCHR-ENGLISH	44	1.243	1.679	1.128	1.493	1.391	2.928	6.412	6.033	2.632	5.815	3.951
470	COLL/UNIV TCHR-ADM	13	1.261	1.182	1.013	1.498	1.405	2.136	4.867	7.488	1.984	1.301	2.862
511	LIBRARIAN	9	1.000	1.333	0.667	1.414	0.707	1.481	6.227	7.271	3.122	1.642	3.575
521	CLERGYMAN	177	1.167	1.772	1.129	1.525	1.705	2.790	5.551	6.516	2.840	3.650	3.877
523	RELIGIOUS WORKER (OTHER)	23	1.409	2.172	1.014	1.576	2.039	2.420	5.061	7.054	3.052	2.840	3.883
531	WRITER (NEC)	21	1.136	1.289	0.717	1.378	1.596	2.064	6.041	5.917	2.960	3.183	4.049
534	JOURNALIST/REPORTER	43	1.047	1.760	1.187	1.308	1.548	2.609	5.720	5.620	2.770	1.493	3.290
537	EDITOR	10	0.850	1.174	1.252	0.823	1.350	2.221	5.038	4.341	1.633	1.265	3.293
541	FINE ARTS	22	1.297	1.771	1.202	1.512	1.667	2.595	6.018	6.377	2.585	2.114	4.342
545	COMM ARTIST	54	1.213	1.437	1.059	1.525	1.686	2.529	5.009	6.517	3.169	2.000	3.956
547	DESIGNER (CONS GOODS)	14	1.240	1.345	1.082	1.401	1.899	3.293	5.632	8.198	2.785	2.476	4.358
551	MUSICIAN	17	0.928	1.993	1.200	1.875	2.078	2.963	5.717	5.529	2.818	1.786	5.469

TABLE 1.1 (continued)

#	GROUP	N	MEANS										
			INFORMATION TEST II (CONTD.)								ENGLISH TEST		
			GAMES (SEDEN)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS	DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION
			R-149	R-150	R-151	R-152	R-162	R-211	R-212	R-220	R-231	R-232	R-233
571	ACTOR	11	3.182	6.909	1.909	6.545	7.727	9.364	15.818	22.636	10.636	30.455	19.364
575	THEATRE (OTHER)	25	3.000	6.040	1.680	6.120	7.120	9.000	11.200	19.120	9.560	30.720	19.200
578	RADIO/TV ANNOUN.	23	2.696	5.304	1.652	6.130	6.652	7.478	10.826	17.391	9.391	29.826	18.913
579	MISC PERF ARTS	10	3.100	5.400	1.800	6.400	7.400	7.400	13.100	14.600	9.600	30.200	18.300
611	PRO ATHLETE	12	2.417	3.833	1.167	5.333	5.917	9.750	11.750	17.083	9.833	29.583	17.917
612	PRO ATHLETICS (AUX)	10	2.400	4.100	1.000	5.100	5.300	11.300	11.200	13.800	9.200	30.000	16.000
621	RECREATION DIR.	14	2.714	4.857	1.000	5.143	6.357	9.357	11.929	16.714	10.500	30.000	18.143
623	FRSTRY, HUNT, TRAP	22	2.227	3.455	1.091	4.682	5.273	9.227	10.227	15.909	8.364	28.500	16.364
631	FARM/RANCH OWNER	123	2.179	3.374	0.813	4.211	5.488	8.569	10.122	13.033	8.163	28.470	16.211
632	FARM/RANCH MGR	8	2.250	4.625	1.375	4.750	6.250	10.125	12.250	17.125	10.875	30.500	19.375
639	FARMING (OTHER)	276	1.985	3.382	0.652	4.275	5.118	8.695	10.559	12.298	8.500	28.926	17.069
640	MILITARY (RANK NOT IND)	51	2.216	3.941	1.471	5.020	6.490	8.922	10.451	15.667	9.059	29.118	17.059
641	MILITARY-ENLISTED	27	2.407	4.222	1.222	4.037	6.185	8.704	10.667	14.148	7.852	28.556	15.889
642	MILITARY-OFFICER	111	3.099	5.288	1.676	6.081	7.568	9.892	14.099	19.315	10.505	30.856	20.441
650	INTELLIGENCE-CIA, ETC.	15	2.533	6.000	1.400	5.867	7.067	8.000	11.200	14.333	9.400	30.733	19.600
661	POLICE (PUBLIC)	108	2.537	4.340	1.293	5.990	6.203	8.713	10.686	15.239	9.006	29.351	16.532
666	FIREMAN	48	2.146	3.792	1.125	4.417	5.458	8.313	10.625	13.271	8.083	28.333	16.059
669	OTHER PROTECTIVE	19	2.263	4.579	1.263	5.368	6.421	8.895	11.947	13.053	8.368	27.684	14.368
711A	BANKING & FINANCE, I	66	2.606	4.545	1.288	5.106	6.333	8.485	10.439	15.727	8.530	28.652	16.530
711B	BANKING & FINANCE, II	114	2.851	4.746	1.535	5.614	7.123	8.904	12.693	17.877	9.833	30.632	19.395
712	INVSTMNT,STOCK CONSULT	15	3.333	5.467	2.133	6.400	7.867	10.600	14.733	16.067	10.467	30.667	19.733
716	CPA	167	3.024	4.942	1.515	5.208	7.311	9.509	12.228	17.329	9.862	30.707	19.653
717	ACCTANT (EXC CPA)	330	2.705	4.532	1.201	5.365	6.591	9.137	12.173	16.009	9.960	30.131	18.709
721	PURCHASING AGENT	40	2.950	4.625	1.350	5.950	7.025	9.225	11.350	16.750	9.350	30.525	19.050
722	RETAIL BUYER	10	2.600	4.600	1.800	5.700	7.400	9.400	13.900	13.000	9.600	31.100	18.200
723	EFFICIENCY EXPERT	130	2.923	4.908	1.508	5.946	7.308	9.162	12.777	17.754	9.785	30.269	19.300
724	ADVERTISING	30	3.100	5.533	2.200	6.433	7.467	9.000	12.367	20.300	10.400	29.500	18.567
725	PUBLIC RELATIONS	44	2.750	5.045	1.659	5.932	7.205	8.500	13.091	19.795	10.636	29.818	18.818
726	PERSONNEL ADMIN	72	2.944	5.042	1.528	5.708	6.903	9.236	12.972	19.486	10.167	30.708	19.431
727	APPRAISING/ESTIMATING	35	2.714	4.743	1.314	5.629	7.171	8.914	12.600	16.743	9.571	30.514	18.943
728	LOAN/CREDIT INVESTIG	27	2.630	4.556	1.370	5.407	7.000	10.259	12.926	19.259	9.926	29.667	17.704
730	BUS MGMT/ADMIN (NEC)	514	2.749	4.899	1.554	5.634	6.924	9.848	12.375	17.272	9.930	30.366	18.660
731	MFG MGMT	55	2.836	4.782	1.527	5.764	7.091	9.036	12.145	19.091	9.436	29.400	18.855
732	WHSL/RET TRADE MGMT/MKTG	224	2.892	4.839	1.554	5.652	6.997	9.775	11.779	16.779	9.706	30.245	18.657
738	SUPERVISOR IN BUS	53	2.245	4.000	1.170	5.151	5.962	9.491	11.209	14.698	8.500	28.698	15.415
741	SALESCLERK	27	2.333	4.000	1.222	4.481	5.630	8.037	9.037	11.630	9.000	27.667	16.222
743	STOCKBROKER	17	2.471	4.529	2.118	6.353	7.471	9.235	12.059	17.059	9.471	30.471	18.824
745	REAL EST SLSMAN	24	2.792	4.083	1.333	5.042	6.292	10.083	11.250	16.875	9.708	29.792	18.625
746	INSURANCE SLSMAN	69	2.725	4.478	1.377	5.290	6.275	8.319	11.754	17.420	9.188	29.580	17.261
747	AUTO SLSMAN	11	2.545	3.455	1.727	4.364	6.182	9.545	10.818	11.364	9.182	30.273	15.636
748	OTHER SLSMAN (NEC)	327	2.532	4.541	1.526	5.333	6.532	8.804	10.890	15.431	8.914	29.850	17.615
749	SALES MGR	63	2.714	5.079	1.810	5.444	7.000	8.984	11.810	17.349	9.635	30.476	18.444
751	BOOKKEEPER	12	2.500	3.750	0.750	4.833	5.083	8.333	11.750	11.583	10.333	29.250	15.750
755	MISC ACCT RECDG	13	2.077	3.769	1.000	4.615	5.538	8.769	11.000	11.846	8.231	29.385	16.769
758	COMPUTER OPERATOR	57	2.474	4.193	1.175	4.912	5.763	8.711	10.544	13.193	9.281	29.737	16.491
769	CLERK (MISC)	23	2.217	3.565	1.217	5.391	5.522	7.783	11.565	14.348	9.261	29.478	16.261
772	OFFICE MGR	21	2.667	4.048	0.905	4.762	6.619	9.714	9.952	14.238	9.762	30.333	17.762
789	OTHER "PUB CONTACT" OCCS	10	2.400	4.000	1.200	5.400	5.300	9.500	10.200	13.300	8.600	30.600	17.300
791	RADIO, TELEGR, TTY OP	16	2.438	4.000	1.000	5.500	6.438	8.188	9.750	14.625	9.125	29.813	17.813
796	MAIL CARRIER	20	2.250	4.100	1.300	4.550	5.750	9.050	10.150	14.350	9.050	30.300	16.650
797	MISC CLERICAL	108	2.287	3.926	0.944	4.778	5.444	8.852	10.130	13.611	9.250	29.731	16.278
798	MISC ADMINISTRATIVE	59	2.593	4.390	1.458	5.729	6.441	9.068	11.322	15.763	10.051	30.390	17.780
810	ELECTRICIAN	211	2.370	3.863	1.095	4.896	5.635	8.436	10.100	13.654	9.299	29.853	15.720
811	ELECTRONIC TECHNICIAN	258	2.678	4.066	1.202	5.360	6.461	9.341	11.112	14.911	9.841	29.725	17.795
812	APPLIANCE REPAIR	51	2.314	3.706	1.059	4.725	5.863	9.235	10.039	13.078	8.275	29.588	15.353
813	PHONE INSTALL & REPAIR	53	2.811	3.887	1.340	5.189	6.396	9.057	10.736	15.038	9.415	29.943	16.491
814	REPAIR AND SERV COMP	40	2.875	4.150	1.100	5.225	6.175	9.275	11.250	16.375	9.075	29.725	17.675
820	MECHANIC (NEC)	133	2.188	3.459	0.872	4.489	5.489	8.707	9.602	13.158	7.632	28.429	14.962
821	AUTO MECHANIC	112	2.205	3.286	0.750	4.232	5.223	8.643	9.545	12.366	7.482	28.527	15.250
822	AIRPLANE MECHANIC	101	2.356	3.703	0.901	4.703	5.703	9.079	10.079	13.158	7.336	29.901	15.040
823	OFFICE MACH REPAIR	14	2.357	3.929	1.143	5.786	6.571	8.429	9.857	12.786	8.786	30.286	18.214
824	IND MACH REPAIR	28	2.500	3.893	0.857	4.500	5.964	9.000	9.571	13.107	8.536	29.929	16.464
828	MACHINIST	276	2.308	3.935	1.094	4.929	5.915	8.703	10.199	13.931	8.268	29.996	16.254
831	CABINET MAKER	11	1.818	3.545	0.818	4.182	5.636	9.818	10.455	12.000	8.273	29.455	13.455
832	CARPENTER	63	2.048	3.413	1.000	4.143	5.286	8.159	9.429	12.762	7.984	28.032	14.794
833	METAL TRADES	119	2.000	3.420	0.974	4.176	5.000	8.622	9.294	12.412	8.000	28.521	15.109
834	BRKLYR, MASON, PTR, RFR	66	2.030	3.015	1.121	3.955	5.091	8.152	9.621	12.758	7.409	28.152	15.136
835	PLUMBER, PIPEFITTER	81	2.333	3.864	1.074	4.519	5.395	8.728	9.359	12.938	7.667	28.901	15.469
836	HEAVY EQUIP OP	42	2.143	3.643	0.857	4.571	5.262	7.262	10.357	11.524	7.643	27.976	15.000
837	MISC BLDG & CONST	43	2.186	3.674	0.721	5.000	5.581	8.442	9.581	11.907	8.419	28.465	15.721
838	MINING, QUARRYING, DRLNG	12	1.667	3.250	0.833	3.083	4.333	7.000	7.000	12.250	6.833	26.083	13.833
841	PILOT	164	2.982	4.793	1.402	5.805	7.110	9.293	12.805	17.750	9.659	30.116	18.774
843	AIRPLANE NAVIGATOR	10	2.900	5.400	1.800	6.800	7.900	9.300	15.500	19.100	10.200	31.000	20.700
848	AIR TRAFFIC CONTROLLER	10	2.500	5.000	0.800	5.600	6.200	9.500	11.500	16.200	10.100	29.800	17.000
851	MERCHANT MARINE OCC	14	2.714	4.286	1.071	5.214	6.286	9.786	12.214	14.286	8.500	29.500	17.857
852	RAILROAD OCCS	22	2.182	3.500	0.727	4.545	5.136	8.091	9.045	13.409	6.545	27.364	15.091
853	AUTO, BUS, TRUCK DRIVER	91	2.286	3.462	0.890	4.352	5.077	8.967	9.110	12.363	7.912	28.549	15.044
861	PRINTING TRADES	104	2.193	3.827	0.962	4.596	5.597	8.760	9.606	12.962	8.327	28.250	16.183
863	SURVEYOR	20	2.350	3.700	1.350	5.150	6.200	8.900	10.250	13.500	7.950	30.150	17.050
864	DRAFTSMAN	134	2.448	3.843	0.993	5.037	5.724	9.694	10.134	14.567	9.351	29.343	16.359
865	PHOTOGRAPHY	37	2.919	4.730	1.486	5.757	7.189	8.378	12.162	16.270	9.405	29.811	17.784
866	INTERIOR DECORATOR	8	3.375	4.250	1.375	4.875	5.375	8.250	5.250	14.250	7.750	29.000	17.750
867	LANDSCAPE ARCH	9	3.222	4.444	1.111	5.556	6.889	9.778	12.556	16.222	9.111	29.333	19.000
881	FOOD & BEVERAGE PREP	20	2.150	3.050	0.950	3.750	4.350	7.900	9.350	11.750	7.400	27.750	13.650
885	BUTCHER, MEAT CUTTER	35	2.114	3.514	0.929	4.114	5.143	8.057	8.971	11.714	8.086	28.657	15.800
891	MISC PERSONAL SERV	8	2.250	3.375	1.000	3.625	5.750	9.375	7.750	12.625	5.000	27.000	13.000
892	BARBER	29	1.966	3.172	1.138	4.345	4.552	7.690	7.862	11.172	7.241	26.483	13.345
893	HAIRDRESSER	18	2.389	4.667	2.056	5.000	6.722	8.722	11.611	15.667	8.556	29.556	17.333
899	GENERAL LABORER	314	2.185	3.411	0.943	4.277	5.013	8.580	9.140	12.433	7.850	28.249	15.153
	TOTAL	14570	2.681	4.480	1.350	5.383	6.519	8.977	11.853	15.055	9.406	29.781	18.188

TABLE 1.1 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST II (CONTD.)									ENGLISH TEST	
			GAMES (SEDEN)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS	DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION
			R-149	R-150	R-151	R-152	R-162	R-211	R-212	R-220	R-231	R-232	R-233
571	ACTOR	11	1.168	1.375	1.221	1.293	1.421	2.541	4.355	6.365	3.202	1.369	3.982
575	THEATRE (OTHER)	[illegible]	1.291	1.695	1.069	1.481	1.536	2.614	5.276	6.984	3.203	1.370	4.153
578	RADIO/TV ANNOUN.	[illegible]	1.063	1.743	0.982	1.456	1.945	2.352	4.849	7.359	2.407	2.887	3.502
579	MISC PERF ARTS	[illegible]	0.994	2.366	1.229	1.350	1.265	2.797	6.280	5.017	2.221	2.300	4.572
611	PRO ATHLETE	[illegible]	1.164	1.467	0.835	2.103	2.234	3.049	5.496	7.229	2.290	2.779	3.288
612	PRO ATHLETICS (AUX)	[illegible]	0.843	1.101	0.942	2.686	1.829	1.414	5.827	5.808	2.573	1.886	3.464
621	RECREATION DIR.	[illegible]	1.122	1.791	0.961	1.231	1.946	3.003	5.784	7.917	2.312	2.449	3.840
623	FRSTRY, HUNT, TRAP	[illegible]	0.922	1.371	1.109	1.323	2.434	3.161	5.606	6.831	3.048	3.405	3.580
631	FARM/RANCH OWNER	[illegible]	0.967	1.501	0.761	1.433	1.918	2.995	4.318	5.707	2.447	2.707	3.861
632	FARM/RANCH MGR	[illegible]	0.886	1.598	0.916	2.435	2.435	3.182	6.205	7.376	1.959	1.927	3.962
639	FARMING (OTHER)	[illegible]	0.985	1.512	0.757	1.700	2.153	2.896	5.001	6.190	2.539	3.564	4.223
640	MILITARY (RANK NOT IND)	[illegible]	1.254	1.760	1.046	1.655	1.826	3.236	5.088	6.876	3.466	5.058	5.357
641	MILITARY-ENLISTED	[illegible]	1.083	1.968	0.934	2.028	2.450	2.524	3.981	5.538	2.413	2.966	3.378
642	MILITARY-OFFICER	[illegible]	1.095	1.804	0.926	1.428	1.319	3.206	5.182	6.267	2.508	3.239	3.332
650	INTELLIGENCE-CIA, ETC.	[illegible]	1.060	1.813	0.632	1.552	1.624	2.699	5.017	3.436	1.805	1.207	3.776
661	POLICE (PUBLIC)	[illegible]	1.051	1.599	0.994	1.695	2.011	2.802	5.168	6.539	2.771	2.867	3.862
666	FIREMAN	[illegible]	1.203	1.473	1.044	1.686	2.021	3.026	5.764	5.492	2.887	4.728	3.865
669	OTHER PROTECTIVE	[illegible]	0.933	1.924	0.806	1.535	1.953	2.580	5.995	4.778	3.353	7.394	4.258
711A	BANKING & FINANCE, I	[illegible]	1.006	1.684	0.873	1.665	2.025	2.952	5.045	6.461	3.129	6.562	4.575
711B	BANKING & FINANCE, II	[illegible]	1.107	1.661	1.107	1.531	1.689	3.097	5.129	6.328	2.921	1.663	3.839
712	INVSTMNT,STOCK CONSULT	[illegible]	1.047	1.552	0.743	1.454	1.302	2.261	5.650	5.161	2.722	1.113	4.284
716	CPA	[illegible]	1.135	1.573	1.011	1.525	1.549	2.978	5.340	6.689	2.496	2.640	3.424
717	ACCTANT (EXC CPA)	[illegible]	1.085	1.536	0.995	1.602	1.823	3.058	5.248	6.409	2.619	3.377	3.683
721	PURCHASING AGENT	[illegible]	1.108	1.531	0.949	1.260	1.641	3.109	5.072	6.709	2.547	1.679	3.902
722	RETAIL BUYER	10	0.843	1.506	1.317	2.452	1.430	2.413	5.534	7.125	2.633	1.287	4.185
723	EFFICIENCY EXPERT	[illegible]	1.068	1.597	0.990	1.634	1.661	2.773	5.161	5.812	2.770	3.239	3.935
724	ADVERTISING	[illegible]	0.995	1.306	1.215	1.675	1.306	2.893	4.909	5.646	3.328	5.811	5.164
725	PUBLIC RELATIONS	55	1.278	1.855	1.033	1.421	1.488	2.741	5.057	6.454	2.497	4.919	3.127
726	PERSONNEL ADMIN	[illegible]	1.124	1.715	1.074	1.515	1.713	2.725	5.176	6.698	2.953	1.283	3.688
727	APPRAISING/ESTIMATING	15	1.100	1.521	1.022	1.477	1.740	2.605	6.218	6.938	2.559	1.502	3.378
728	LOAN/CREDIT INVESTIG	[illegible]	1.418	1.311	1.043	1.716	1.710	3.312	4.649	6.316	3.339	6.754	5.490
730	BUS MGMT/ADMIN (NEC)	[illegible]	1.149	1.606	1.029	1.567	1.725	2.922	5.152	6.537	2.639	2.542	3.876
731	MFG MGMT	[illegible]	1.198	1.739	1.168	1.633	1.849	3.073	6.032	5.841	3.005	5.791	4.279
732	WHSL/RET TRADE MGMT/MKTG	[illegible]	1.077	1.624	1.018	1.519	1.641	3.176	5.105	6.499	2.887	3.431	4.026
738	SUPERVISOR IN BUS	[illegible]	1.108	1.387	0.955	1.669	2.148	3.148	4.465	6.913	2.866	3.048	3.219
741	SALESCLERK	27	0.920	1.468	1.121	1.969	2.133	3.216	4.137	7.652	2.039	6.312	4.051
743	STOCKBROKER	[illegible]	1.375	1.700	1.054	1.455	1.663	3.456	5.953	4.657	2.552	1.463	2.767
745	REAL EST SLSMAN	[illegible]	1.021	1.586	0.917	2.032	2.095	3.243	5.479	5.951	2.926	2.186	3.820
746	INSURANCE SLSMAN	[illegible]	1.162	1.530	0.925	1.415	1.962	2.973	5.115	6.033	2.783	4.107	3.991
747	AUTO SLSMAN	11	0.688	1.572	1.009	1.567	2.040	2.876	4.378	7.827	2.483	1.954	3.171
748	OTHER SLSMAN (NEC)	377	1.053	1.568	1.056	1.627	1.896	2.929	4.881	6.853	2.724	2.728	3.857
749	SALES MGR	[illegible]	1.084	1.589	1.134	1.634	1.656	2.630	5.636	6.353	2.570	1.950	3.983
751	BOOKKEEPER	11	1.168	1.765	0.955	0.937	1.676	2.807	6.468	5.664	2.741	2.563	3.671
755	MISC ACCT RECDG	[illegible]	1.115	2.088	0.707	1.710	2.066	3.833	6.351	5.320	3.270	2.193	3.419
758	COMPUTER OPERATOR	[illegible]	1.091	1.739	0.924	1.766	2.095	3.109	5.134	6.859	2.717	2.636	3.740
769	CLERK (MISC)	[illegible]	0.850	1.579	1.043	1.616	1.997	3.030	4.273	6.095	2.094	2.826	2.958
772	OFFICE MGR	31	0.966	1.284	0.768	1.578	1.936	3.036	4.790	7.279	2.322	2.082	3.986
789	OTHER "PUB CONTACT" OCCS	10	0.966	1.563	0.919	1.578	1.792	2.838	6.973	5.832	2.989	1.578	3.190
791	RADIO, TELEGR, TTY OP	16	1.315	1.549	1.033	2.160	2.128	3.146	4.740	7.710	2.705	2.971	4.520
796	MAIL CARRIER	20	1.020	1.447	0.979	1.669	2.149	2.781	5.537	5.941	2.038	2.029	3.422
797	MISC CLERICAL	[illegible]	1.160	1.639	0.936	1.518	2.145	3.246	4.477	6.778	2.656	4.048	3.903
798	MISC ADMINISTRATIVE	[illegible]	1.131	1.630	1.088	1.710	2.045	2.871	5.415	6.434	2.674	1.497	3.434
810	ELECTRICIAN	211	1.141	1.575	0.985	1.667	2.001	2.867	5.055	6.493	2.819	3.813	3.960
811	ELECTRONIC TECHNICIAN	[illegible]	1.109	1.460	0.920	1.748	1.896	2.864	5.161	5.746	2.905	2.342	3.779
812	APPLIANCE REPAIR	91	1.086	1.591	0.904	1.686	2.173	2.612	4.190	5.440	2.779	2.308	4.009
813	PHONE INSTALL & REPAIR	[illegible]	1.039	1.717	1.176	1.777	1.747	2.797	4.608	7.166	2.692	1.657	3.383
814	REPAIR AND SERV COMP	[illegible]	1.181	1.442	1.033	1.687	1.767	2.819	5.113	6.190	2.259	2.309	3.912
820	MECHANIC (NEC)	[illegible]	1.102	1.485	0.848	1.617	2.055	3.159	4.343	5.922	2.577	3.654	4.037
821	AUTO MECHANIC	[illegible]	1.050	1.497	0.865	1.826	2.192	2.956	4.657	5.775	3.040	4.089	4.079
822	AIRPLANE MECHANIC	[illegible]	0.986	1.425	0.989	1.460	1.983	2.730	4.599	6.849	2.490	2.919	3.608
823	OFFICE MACH REPAIR	16	1.216	1.639	0.864	1.251	1.342	2.503	5.573	5.010	2.992	1.437	4.371
824	IND MACH REPAIR	[illegible]	1.106	1.166	0.932	1.689	1.895	2.000	4.004	5.984	2.861	2.035	3.958
828	MACHINIST	276	1.049	1.418	0.885	1.566	1.916	2.826	4.701	6.275	2.611	3.419	3.500
831	CABINET MAKER	11	0.982	1.128	0.603	1.250	1.859	1.940	4.034	4.919	2.724	2.423	3.357
832	CARPENTER	63	1.099	1.488	0.861	1.575	2.082	3.153	5.232	6.045	2.593	3.321	3.840
833	METAL TRADES	119	0.948	1.660	0.819	1.816	2.107	2.765	4.103	5.641	2.578	3.028	3.461
834	BRKLYR, MASON, PTR, RFR	66	1.081	1.353	0.814	1.876	2.189	3.039	4.169	6.764	2.584	4.504	3.577
835	PLUMBER, PIPEFITTER	41	1.025	1.701	0.905	1.976	2.333	2.903	4.681	5.985	2.868	2.453	4.172
836	HEAVY EQUIP OP	62	1.117	1.605	0.843	1.451	2.264	3.045	4.400	6.306	2.748	5.266	4.012
837	MISC BLDG & CONST	[illegible]	1.097	1.459	0.826	1.649	2.301	3.340	4.113	6.047	2.872	2.947	2.979
838	MINING, QUARRYING, DRLNG	12	0.888	1.603	0.937	1.240	1.586	3.438	4.068	5.627	2.918	4.055	3.904
841	PILOT	[illegible]	1.077	1.561	0.970	1.570	1.543	2.852	5.301	6.181	2.829	1.910	3.614
843	AIRPLANE NAVIGATOR	10	1.101	1.075	0.919	1.989	1.101	2.584	4.403	3.985	2.573	1.700	2.263
848	AIR TRAFFIC CONTROLLER	10	1.080	1.414	1.033	1.265	2.658	4.301	3.894	5.996	1.969	2.098	3.682
851	MERCHANT MARINE OCC	16	1.069	1.590	0.829	1.251	1.204	2.119	4.560	6.120	2.710	2.279	2.742
852	RAILROAD OCCS	[illegible]	1.259	1.472	0.767	1.711	2.031	2.741	4.270	6.871	2.907	6.336	3.365
853	AUTO, BUS, TRUCK DRIVER	[illegible]	0.958	1.594	0.888	1.615	2.247	2.685	3.971	5.945	2.897	2.656	3.306
861	PRINTING TRADES	[illegible]	0.993	1.628	0.891	1.616	1.979	2.938	4.788	5.961	2.764	4.737	3.477
863	SURVEYOR	[illegible]	0.875	1.559	0.745	1.496	2.016	2.490	4.854	7.302	2.502	1.694	4.186
864	DRAFTSMAN	[illegible]	1.141	1.365	0.836	1.605	1.964	2.651	5.009	6.305	2.561	3.036	3.663
865	PHOTOGRAPHY	37	1.140	1.465	0.932	1.571	2.012	3.183	5.172	5.546	2.619	5.222	4.685
866	INTERIOR DECORATOR	8	1.598	1.581	1.408	1.246	2.696	2.816	2.550	9.316	2.605	3.381	5.392
867	LANDSCAPE ARCH	9	0.972	0.882	0.782	1.509	2.028	2.819	6.930	7.918	3.655	2.500	3.571
881	FOOD & BEVERAGE PREP	[illegible]	0.933	1.905	0.887	1.943	2.368	3.318	5.994	6.995	2.891	3.626	4.511
885	BUTCHER, MEAT CUTTER	[illegible]	0.963	1.541	0.923	1.711	2.171	2.869	4.047	6.017	3.004	2.645	3.849
891	MISC PERSONAL SERV	8	1.389	1.598	1.195	1.685	2.493	2.326	4.432	6.675	2.204	3.891	4.567
892	BARBER	[illegible]	0.906	1.649	0.789	1.317	1.901	3.328	4.257	5.916	2.911	6.833	5.280
893	HAIRDRESSER	19	1.243	1.572	0.639	1.414	1.406	2.986	5.348	5.133	3.382	1.504	3.106
899	GENERAL LABORER	314	1.000	1.550	0.877	1.641	2.095	3.079	4.389	6.108	2.568	3.721	3.775
	TOTAL	14570	1.178	1.720	1.041	1.755	2.010	2.952	5.355	6.819	2.945	3.355	4.291

TABLE 1.1 (continued)

#	GROUP	N	MEANS										
			ENG. TEST (CONTD.)									MATH TEST	
			USAGE	EFFECT EXPRESS	WORD FN IN SENT	READING COMP	CREATIVITY	MECH REASONING	VIS IN 2-DIM	VIS IN 3-DIM	ABSTRACT REAS	ARITH REASONING	INTRO HS MATH
			R-234	R-235	R-240	R-250	R-260	R-270	R-281	R-282	R-290	R-311	R-312
000	NO ANSWER	17[illegible]	16.664	9.574	10.100	31.804	9.834	13.027	14.371	9.570	9.320	9.196	11.331
001	DON'T KNOW	734	16.610	9.770	10.235	32.375	9.050	13.154	14.590	9.484	9.669	9.236	11.730
101	EXECUTIVE (NEC)	59	17.314	9.305	11.610	35.722	11.254	13.780	14.407	9.203	10.864	10.431	14.881
102	FOREMAN (NEC)	1[illegible]3	15.835	8.214	8.464	29.786	9.388	13.184	14.350	8.932	8.942	8.592	10.292
111	WORK FOR GOVT (NEC)	49	16.347	9.041	10.224	31.857	9.320	11.980	12.755	9.082	9.061	9.398	10.612
112	IN BUS. FOR SELF (NEC)	265	16.075	9.557	9.173	30.851	9.678	13.624	15.020	9.475	9.416	9.365	11.408
120	IND., BUS., COMM. (NEC)	161	16.733	8.925	10.422	33.323	9.764	13.235	14.373	9.119	9.783	9.783	12.529
121	RETAIL (NEC)	22	16.455	9.091	10.182	32.318	9.909	14.045	14.636	9.273	9.682	9.364	12.045
122	TRANSPORTATION (NEC)	16	16.688	8.563	8.813	31.563	9.063	12.688	15.625	9.688	8.938	9.125	12.438
123	REAL ESTATE(NEC)	9	17.000	9.556	9.333	33.889	9.667	11.667	15.556	9.889	10.444	9.222	12.556
124	INSURANCE (NEC)	24	17.542	9.708	11.333	36.250	10.208	12.083	14.458	9.833	9.167	9.542	11.958
125	ELECTRONICS (NEC)	113	17.000	8.735	9.531	33.425	10.327	14.531	15.681	10.301	10.204	9.756	12.619
211	MATH., STAT.	42	18.571	9.905	14.048	38.524	10.857	14.976	15.952	11.667	11.786	12.595	18.667
212	OTHER STATISTICS	10	19.200	10.400	14.200	38.600	13.300	15.900	16.900	12.200	11.900	12.100	19.100
221	SYSTEMS ANALYST	56	18.536	9.696	15.179	39.214	11.804	15.536	14.768	10.893	11.393	12.821	18.607
222	COMPUTER PROG.	173	17.578	9.156	11.832	36.983	10.775	14.023	15.434	10.254	10.439	10.303	14.277
229	COMPUTER SPEC. (NEC)	38	18.553	9.342	14.658	38.053	12.658	15.132	17.211	10.974	11.605	11.974	16.526
230	PHYS. SCI. (NEC)	16	18.563	10.250	15.313	39.875	12.813	16.125	17.938	11.875	11.125	11.750	17.875
231	CHEMIST	93	18.548	9.731	15.247	40.398	12.441	15.935	15.849	11.452	11.441	11.903	18.204
232	PHYSICIST	53	19.434	10.377	17.245	42.660	13.113	17.321	19.094	13.132	12.302	13.679	20.075
234	GEOLOGIST	22	18.955	10.409	16.273	39.682	13.682	16.773	15.591	12.318	10.682	12.227	18.636
240	ENGINEER (NEC)	248	18.270	9.609	15.113	39.573	13.032	16.105	17.887	11.992	11.669	12.411	18.036
241	CIVIL ENGINEER	97	18.216	9.546	14.371	38.464	12.155	15.887	17.371	11.474	11.402	12.155	18.052
242	ELEC. ENGINEER	234	17.859	9.444	13.906	38.222	12.462	16.171	16.962	12.073	11.355	11.966	17.573
243	MECH. ENGINEER	139	18.475	9.403	14.755	39.058	12.540	16.339	17.784	12.022	11.676	12.295	17.957
244	AERONAUTICAL ENG.	40	18.250	9.050	15.100	39.400	12.550	16.500	16.600	11.800	11.625	12.425	18.225
245	CHEM. ENGINEER	48	18.604	9.438	16.396	40.229	12.563	15.854	18.229	12.063	11.354	12.333	18.729
250	ARCHITECT	64	18.609	9.781	13.953	39.969	12.797	15.359	17.047	12.406	11.703	11.469	16.219
299	PHYS. SCI., LAB TECH.	100	16.930	8.830	13.340	32.650	10.150	13.360	14.710	9.350	9.640	9.650	12.130
310	BIOLOGIST, ZOOLOGIST	48	18.500	9.583	13.229	38.750	13.021	15.104	14.063	11.479	10.583	10.354	15.208
313	SPEC. IN AGRIC. SCI.	33	17.303	9.606	12.606	36.545	11.273	15.152	14.333	10.606	10.424	11.636	14.333
314	WLDLF/FOREST SPEC.	43	18.023	9.698	11.907	37.372	11.163	15.605	14.977	11.186	11.116	11.605	15.698
316	MICROBIOLOGIST	9	18.444	9.444	14.222	40.889	14.222	16.111	15.778	11.333	10.556	12.111	16.444
317	BIOCHEMIST	10	18.000	10.200	14.300	40.200	13.100	15.300	16.500	10.700	11.000	11.700	16.500
322	MD-SURGEON	8	17.375	9.375	15.000	40.125	13.000	15.875	17.000	11.375	10.750	13.000	16.750
329	MD-OTHER	136	19.177	10.206	16.747	41.984	12.710	15.468	17.086	11.204	11.478	12.428	19.102
332	DENTIST	92	18.565	10.098	14.413	38.533	11.543	14.848	16.022	10.196	11.054	11.989	17.217
333	VETERINARIAN	30	18.567	9.767	14.267	39.733	12.233	15.600	16.233	10.600	10.767	12.333	17.600
335	PHARMACIST	89	17.562	9.441	12.551	36.517	11.146	13.983	14.472	10.225	10.360	11.530	15.629
336	OPTOMETRIST	14	17.429	10.000	10.929	37.214	11.286	13.929	15.286	10.571	10.786	10.929	15.214
337	RN	8	17.125	9.250	11.500	37.875	12.750	15.250	15.625	11.875	11.500	10.500	13.000
345	CHIROPRACTOR	9	16.556	10.222	9.778	33.000	11.667	14.222	15.444	10.889	9.889	10.000	14.000
347	MED/DENT TECHNOL.	15	17.267	9.267	10.733	36.133	11.200	13.667	15.733	10.133	9.600	9.467	11.800
348	MED/DENT TECHNICIAN	31	15.935	8.161	7.935	27.839	9.323	11.742	11.903	7.452	8.677	7.581	9.710
350	HOSPITAL ADMIN.	13	17.538	9.000	13.462	35.538	10.462	11.692	13.615	8.923	9.231	11.000	12.846
360	PSYCHOLOGIST	94	18.777	9.840	14.319	40.170	12.000	13.968	15.255	10.436	11.245	11.245	16.277
370	SOCIAL WORKER	65	17.462	9.308	12.615	37.415	10.262	12.862	13.185	9.738	11.108	10.123	13.677
372	COUNSELING/GUIDANCE	10	18.200	9.700	12.100	36.600	11.600	11.100	14.500	9.900	8.700	9.600	10.900
373	VOC/ED GUIDANCE	42	18.405	9.571	13.952	36.238	10.810	13.262	15.238	9.952	9.905	10.738	13.881
382	ECONOMIST	32	18.031	9.250	13.094	39.625	10.781	14.313	14.906	10.250	10.250	11.469	15.094
389	SOC. SCI. (MISC)	31	17.871	10.097	14.774	38.581	12.032	13.355	16.032	9.581	10.903	10.935	16.613
391	POLITICIAN	16	18.813	9.375	12.875	39.938	10.563	13.563	14.500	9.438	10.438	10.813	14.813
392	DIPLOMAT	21	18.857	10.000	15.238	40.571	12.429	14.762	16.714	10.810	10.524	11.857	16.619
393	LAWYER	342	19.249	10.278	15.468	41.585	12.389	14.421	15.927	10.523	10.997	12.263	17.500
394	MARKET ANALYST	15	17.867	9.667	13.133	37.600	10.867	14.600	13.667	9.467	10.733	10.867	15.600
397	PUBLIC ADM (NEC)	16	17.875	9.125	12.938	38.000	11.938	13.813	14.063	9.188	10.625	11.063	14.688
398	CITY PLANNER (NEC)	21	18.190	10.190	14.429	41.333	12.238	14.714	15.857	11.762	11.333	11.810	16.571
400	TEACHER (NEC)	470	17.646	9.475	12.140	36.797	10.862	13.510	14.793	9.828	10.017	10.257	14.029
412	TEACHER-ELEM.	53	17.434	8.830	12.038	35.641	10.509	12.792	13.170	9.679	9.755	9.226	12.830
420	TEACHER-HS (NEC)	98	17.918	9.541	13.092	37.735	11.031	12.939	15.490	9.949	10.551	10.745	14.541
421	TEACHER-HS MATH	65	17.969	9.477	14.000	36.646	10.000	13.754	15.585	10.508	10.862	11.385	17.569
422	TEACHER-HS SCIENCE	68	18.088	9.706	12.162	36.882	11.838	14.897	14.574	10.765	10.382	11.147	15.706
423	TEACHER-HS SOC. ST.	85	17.882	9.447	12.082	37.306	10.706	13.235	14.729	9.282	9.624	10.282	13.165
424	TEACHER-ENGLISH	38	18.789	10.132	13.342	40.079	11.974	13.263	13.368	10.053	10.684	10.237	14.026
425	TEACHER-FOR. LANG.	14	18.571	10.000	14.357	36.857	9.429	10.786	13.786	8.286	10.143	10.571	15.357
426	TEACHER-COMM. ED.	14	17.643	9.929	12.786	34.643	11.357	13.214	15.214	8.571	10.000	11.000	14.000
428	TEACHER-TRADES	50	16.560	9.080	9.600	32.860	10.300	14.620	15.900	10.540	10.140	9.560	12.480
429	TEACHER-PHYS. ED.	57	16.877	9.421	10.053	34.053	10.211	12.684	14.842	9.333	9.561	8.649	11.895
431	TEACHER-ART	12	17.083	9.667	11.833	36.417	11.250	14.250	16.500	11.667	10.083	10.000	13.333
432	TEACHER-MUSIC	30	18.267	9.667	13.133	34.000	10.567	13.133	14.367	9.733	10.433	9.900	13.167
440	TEACHER-HANDICAPPED	12	17.583	9.583	13.083	40.917	12.000	12.583	14.250	9.917	10.500	10.667	14.583
450	SCH. ADMIN. (EXC. COLL.)	45	18.067	9.333	12.022	36.056	10.400	13.178	13.044	8.733	10.156	10.022	13.844
460	COLL/UNIV TCHR (NEC)	214	19.028	9.780	14.874	40.724	12.056	14.294	15.706	10.743	11.000	12.019	16.523
461	COLL/UNIV TCHR-MATH	30	20.500	10.800	16.767	42.967	12.767	15.433	17.400	11.800	12.033	13.700	21.200
462	COLL/UNIV TCHR-SCI	48	19.021	10.125	16.229	41.250	13.458	15.875	16.958	12.125	11.292	12.917	18.563
463	COLL/UNIV TCHR-SOC SCI	81	18.827	10.198	14.938	42.321	12.312	13.543	14.963	9.938	11.099	12.250	16.469
464	COLL/UNIV TCHR-ENGLISH	44	19.045	10.023	15.955	40.318	12.386	14.341	15.432	10.000	10.864	12.273	16.568
470	COLL/UNIV TCHR-ADM	13	17.615	9.692	13.077	39.077	11.538	13.154	13.000	8.538	10.231	10.692	15.846
511	LIBRARIAN	9	18.556	10.667	15.000	39.000	10.444	10.111	11.222	8.889	10.222	10.000	14.000
521	CLERGYMAN	177	18.734	9.904	15.023	38.548	11.435	13.407	14.627	10.192	10.672	10.938	14.356
523	RELIGIOUS WORKER (OTHER)	23	16.826	9.739	13.174	34.522	9.130	12.696	14.435	9.478	9.826	9.739	14.522
531	WRITER (NEC)	21	17.857	9.762	12.429	40.095	11.619	14.000	14.571	9.333	10.762	10.381	13.857
534	JOURNALIST/REPORTER	43	19.000	9.907	13.442	39.977	11.767	12.442	14.326	9.093	10.000	10.419	13.837
537	EDITOR	10	18.200	10.200	13.600	39.300	11.500	13.900	11.500	9.300	10.500	11.800	15.300
541	FINE ARTS	22	17.000	9.818	11.136	36.909	10.818	13.773	14.818	11.182	10.500	10.091	11.545
545	COMM ARTIST	54	17.167	9.222	10.074	32.133	10.352	14.222	14.481	11.370	10.130	8.852	10.833
547	DESIGNER (CONS GOODS)	14	17.143	8.929	12.786	34. 14	11.429	14.714	14.214	10.571	9.571	9.143	11.857
551	MUSICIAN	17	18.118	9.000	11.706	35. 76	9.412	12.235	12.000	10.294	10.235	9.412	13.882

TABLE 1.1 (continued)

			STANDARD DEVIATIONS										
			ENG. TEST (CONTD.)									MATH TEST	
#	GROUP	N	USAGE	EFFECT EXPRESS	WORD FN IN SENT	READING COMP	CREATIVITY	MECH REASONING	VIS IN 2-DIM	VIS IN 3-DIM	ABSTRACT REAS	ARITH REASONING	INTRO HS MATH
			R-234	R-235	R-240	R-250	R-260	R-270	R-281	R-282	R-290	R-311	R-312
000	NO ANSWER	1765	3.355	2.321	5.226	10.330	4.158	4.042	5.608	3.251	2.888	3.519	5.178
001	DON'T KNOW	734	3.226	2.230	5.098	9.914	3.923	3.825	5.512	3.257	2.825	3.393	5.164
101	EXECUTIVE (NEC)	53	2.193	2.215	5.411	8.219	3.679	3.765	5.675	3.050	1.861	3.206	4.541
102	FOREMAN (NEC)	123	2.890	2.217	4.322	8.605	3.326	3.334	5.867	3.221	2.334	3.359	4.264
111	WORK FOR GOVT (NEC)	40	3.503	2.208	4.895	10.135	3.864	4.347	5.981	3.246	2.512	3.408	4.453
112	IN BUS. FOR SELF (NEC)	255	3.161	2.360	4.521	9.689	3.950	3.660	5.490	3.285	2.814	3.334	4.763
120	IND., BUS., COMM. (NEC)	151	2.949	2.060	5.108	9.290	3.591	3.549	5.600	3.268	2.765	3.297	4.889
121	RETAIL (NEC)	22	2.824	1.688	4.500	7.544	3.279	3.316	5.104	3.387	2.476	2.735	4.445
122	TRANSPORTATION (NEC)	15	2.822	1.861	5.102	11.207	3.890	4.658	5.965	3.965	3.511	2.306	5.086
123	REAL ESTATE(NEC)	9	2.449	1.509	4.500	10.080	3.240	2.915	6.984	2.088	2.833	3.667	5.003
124	INSURANCE (NEC)	24	3.451	2.510	5.553	10.233	4.021	3.911	6.352	3.212	3.074	3.647	5.246
125	ELECTRONICS (NEC)	112	2.641	2.000	4.675	8.477	3.624	3.855	5.557	2.994	2.646	2.816	4.258
211	MATH., STAT.	42	2.177	1.511	4.969	6.560	3.693	3.599	6.231	2.720	2.090	2.567	3.580
212	OTHER STATISTICS	10	2.898	1.059	6.250	10.135	2.946	2.807	4.012	2.530	1.476	3.213	6.790
221	SYSTEMS ANALYST	54	2.898	1.525	5.418	8.301	3.858	3.303	5.464	3.441	2.647	2.711	3.750
222	COMPUTER PROG.	173	2.855	1.992	5.359	8.129	3.740	3.410	5.243	3.205	2.283	3.420	5.146
229	COMPUTER SPEC. (NEC)	30	2.250	2.539	4.950	7.147	4.817	3.206	5.443	3.723	2.284	2.795	4.786
230	PHYS. SCI. (NEC)	16	2.966	1.528	4.615	6.397	4.183	2.527	4.524	2.156	2.217	3.550	5.655
231	CHEMIST	93	2.581	1.497	4.797	5.758	3.682	3.032	4.604	2.776	2.248	2.763	3.900
232	PHYSICIST	53	2.461	1.113	4.141	3.762	3.250	2.164	3.686	2.076	1.846	1.837	3.149
234	GEOLOGIST	22	1.759	1.182	4.537	6.958	3.286	1.974	4.748	2.009	1.961	2.159	4.381
240	ENGINEER (NEC)	149	2.828	1.827	5.122	6.089	3.646	2.935	4.476	2.592	2.078	2.754	4.284
241	CIVIL ENGINEER	97	2.571	1.750	4.595	6.367	3.667	2.911	4.099	2.847	2.216	2.619	3.709
242	ELEC. ENGINEER	234	2.966	1.753	5.303	7.802	3.373	3.068	4.969	2.839	1.947	2.687	4.313
243	MECH. ENGINEER	123	2.566	1.992	5.039	6.297	3.171	2.757	4.597	2.564	2.158	2.600	4.005
244	AERONAUTICAL ENG.	40	2.579	1.880	4.760	5.746	3.105	2.184	4.819	2.919	1.983	2.159	3.562
245	CHEM. ENGINEER	42	2.574	1.570	4.109	5.256	2.775	2.697	3.309	2.409	1.828	2.426	3.194
250	ARCHITECT	66	2.460	1.474	5.217	6.671	3.573	2.949	5.683	2.114	1.914	2.862	4.304
299	PHYS. SCI., LAB TECH.	100	2.934	2.243	5.562	8.386	3.591	3.186	5.437	2.976	2.627	2.794	4.715
310	BIOLOGIST, ZOOLOGIST	43	2.222	1.661	4.839	6.825	3.716	2.845	5.685	2.925	2.269	3.467	4.217
313	SPEC. IN AGRIC. SCI.	22	2.778	1.902	4.279	6.667	3.761	3.401	4.948	3.181	2.634	2.434	4.299
314	WLDLF/FOREST SPEC.	43	2.540	1.698	4.825	6.260	3.078	3.171	4.533	2.856	2.322	2.629	4.301
316	MICROBIOLOGIST	9	1.509	1.810	5.357	5.798	3.114	1.965	4.549	2.398	2.068	2.369	5.480
317	BIOCHEMIST	10	2.582	1.033	6.447	5.203	4.725	3.592	3.567	3.302	1.700	2.452	4.327
322	MD-SURGEON	9	1.598	2.200	6.256	8.202	4.209	3.834	3.546	1.768	2.964	3.505	3.919
329	MD-OTHER	136	2.704	1.543	4.675	6.444	3.360	3.382	4.938	3.062	2.206	2.785	3.718
332	DENTIST	62	2.317	1.576	5.168	8.204	3.627	3.511	6.004	3.531	2.531	2.411	3.435
333	VETERINARIAN	20	2.445	1.654	4.497	4.799	2.596	2.920	4.747	2.749	2.388	2.617	3.500
335	PHARMACIST	89	2.888	1.758	4.798	8.843	3.722	4.077	5.317	3.089	2.647	2.970	4.435
336	OPTOMETRIST	14	2.848	1.301	3.452	6.807	4.340	4.323	7.108	3.106	1.968	2.786	3.332
337	RN	9	1.727	1.488	4.440	5.463	1.982	2.605	4.868	2.949	2.878	2.449	4.276
345	CHIROPRACTOR	9	2.833	1.716	3.993	6.745	2.345	3.563	6.106	2.571	2.147	2.693	3.775
347	MED/DENT TECHNOL.	15	2.251	1.751	4.682	7.405	3.364	2.526	3.751	2.722	2.197	3.159	4.754
348	MED/DENT TECHNICIAN	31	3.907	2.770	4.389	10.322	3.618	3.568	6.226	2.850	2.761	3.096	4.043
350	HOSPITAL ADMIN.	13	3.126	1.915	5.897	9.107	4.684	4.626	4.407	2.532	2.948	2.972	4.913
360	PSYCHOLOGIST	24	2.562	1.862	5.034	5.345	3.504	3.267	5.001	2.754	1.853	2.873	4.478
370	SOCIAL WORKER	65	2.354	2.046	5.147	7.496	3.809	4.175	4.727	3.406	2.751	3.214	4.221
372	COUNSELING/GUIDANCE	10	2.150	1.160	4.202	5.168	3.748	3.107	4.378	2.923	2.584	2.271	2.183
373	VOC/ED GUIDANCE	42	2.400	1.850	5.490	7.649	4.001	2.996	4.493	3.193	2.116	2.785	4.613
382	ECONOMIST	32	2.571	1.901	5.018	4.598	3.220	2.717	4.518	3.282	2.048	2.627	4.848
389	SOC. SCI. (MISC)	31	2.717	1.469	4.402	6.355	3.894	3.878	6.253	3.053	1.868	3.119	4.248
391	POLITICIAN	15	3.637	2.363	5.584	7.141	3.483	4.082	5.967	3.633	1.788	3.710	4.929
392	DIPLOMAT	21	2.372	1.703	5.847	7.763	5.230	4.989	5.658	3.842	3.326	2.971	5.766
393	LAWYER	342	2.539	1.497	4.926	5.210	3.581	3.301	5.213	3.001	2.070	2.730	4.118
394	MARKET ANALYST	15	2.900	1.718	5.263	5.926	2.850	2.798	6.184	2.615	1.223	3.335	4.085
397	PUBLIC ADM (NEC)	16	3.481	2.062	6.038	8.430	3.549	4.020	5.026	3.124	2.527	3.276	5.056
398	CITY PLANNER (NEC)	21	2.600	1.123	3.932	5.961	3.477	3.408	5.218	2.256	1.853	2.713	3.529
400	TEACHER (NEC)	478	2.641	1.825	4.850	7.404	3.680	3.465	5.071	3.095	2.439	3.243	4.870
412	TEACHER-ELEM.	53	2.642	1.939	5.338	8.041	3.846	4.007	5.427	3.049	2.244	3.274	5.014
420	TEACHER-HS (NEC)	98	2.791	1.730	5.294	6.739	3.483	3.119	5.036	3.150	2.021	3.147	4.939
421	TEACHER-HS MATH	65	2.352	1.706	4.656	6.523	3.264	3.211	5.376	2.716	2.083	2.401	3.349
422	TEACHER-HS SCIENCE	66	2.526	1.066	4.840	8.308	4.390	4.151	5.511	3.395	2.983	3.404	4.499
423	TEACHER-HS SOC. ST.	95	2.332	1.893	5.281	7.803	4.029	3.741	5.149	3.333	2.550	3.108	4.618
424	TEACHER-ENGLISH	29	2.183	1.563	5.164	6.520	3.429	2.901	4.795	3.288	2.182	3.175	4.365
425	TEACHER-FOR. LANG.	14	1.989	2.000	5.826	7.220	4.467	4.611	6.399	2.972	0.864	3.777	3.855
426	TEACHER-COMM. ED.	14	3.054	0.917	5.162	5.002	3.780	3.378	4.677	2.709	2.148	2.542	4.403
428	TEACHER-TRADES	60	2.584	2.372	4.545	9.420	4.142	3.422	3.897	2.786	2.347	3.305	4.117
429	TEACHER-PHYS. ED.	57	2.860	1.614	4.915	8.153	3.658	3.675	5.499	3.187	2.577	2.918	4.292
431	TEACHER-ART	12	3.605	1.497	5.458	6.842	3.361	3.019	6.186	2.964	2.353	3.045	3.725
432	TEACHER-MUSIC	30	2.303	1.446	5.036	6.833	2.979	4.006	5.641	3.453	2.528	2.808	5.187
440	TEACHER-HANDICAPPED	12	2.109	2.065	5.035	5.838	2.412	4.209	6.824	2.999	2.505	2.103	3.605
450	SCH. ADMIN. (EXC. COLL.)	63	3.621	2.393	5.311	8.146	3.652	3.400	5.032	3.319	2.540	3.004	4.253
460	COLL/UNIV TCHR (NEC)	214	2.468	1.599	4.890	6.619	4.038	3.821	5.249	3.195	2.231	2.751	4.424
461	COLL/UNIV TCHR-MATH	30	2.825	1.126	3.692	3.449	3.530	3.298	4.082	2.565	1.866	2.215	2.413
462	COLL/UNIV TCHR-SCI	48	2.613	1.721	5.747	7.731	4.272	4.211	5.331	3.057	3.108	2.431	4.099
463	COLL/UNIV TCHR-SOC SCI	91	2.418	1.273	4.553	4.207	3.277	3.256	5.526	3.385	2.137	2.469	4.379
464	COLL/UNIV TCHR-ENGLISH	44	3.285	1.422	5.076	9.101	4.255	4.226	5.793	3.285	2.247	2.609	4.795
470	COLL/UNIV TCHR-ADM	12	2.725	1.316	5.737	4.645	2.602	2.824	5.148	3.688	1.691	2.780	4.220
511	LIBRARIAN	9	2.068	1.732	6.595	8.559	5.053	4.833	4.842	3.257	3.993	3.240	3.937
521	CLERGYMAN	177	2.869	1.802	5.433	8.149	3.712	3.703	4.943	2.856	2.528	3.116	4.987
523	RELIGIOUS WORKER (OTHER)	23	3.460	1.815	6.631	9.839	3.494	3.417	4.925	3.273	2.037	2.895	4.935
531	WRITER (NEC)	21	2.707	1.729	5.144	6.049	3.413	3.755	5.287	3.719	2.166	2.889	4.139
534	JOURNALIST/REPORTER	43	2.526	2.136	5.284	6.763	4.151	3.718	5.929	3.696	2.870	3.333	4.685
537	EDITOR	10	3.011	1.398	4.648	4.849	3.749	3.784	6.364	3.164	1.716	2.530	4.138
541	FINE ARTS	22	2.507	1.790	4.051	9.856	4.171	3.915	7.209	2.260	2.405	3.421	4.964
545	COMM ARTIST	54	2.448	1.745	4.758	8.156	3.421	3.413	6.062	2.903	2.599	3.558	5.258
547	DESIGNER (CONS GOODS)	14	2.349	2.615	4.949	9.006	3.736	3.496	4.042	3.631	2.901	3.439	4.504
551	MUSICIAN	17	2.848	2.424	5.277	8.180	3.641	3.632	6.325	2.592	2.728	3.203	5.372

TABLE 1.1 (continued)

#	GROUP	N	MEANS										
			ENG. TEST (CONTD.)									MATH TEST	
			USAGE	EFFECT EXPRESS	WORD FN IN SENT	READING COMP	CREATIVITY	MECH REASONING	VIS IN 2-DIM	VIS IN 3-DIM	ABSTRACT REAS	ARITH REASONING	INTRO HS MATH
			R-234	R-235	R-240	R-250	R-260	R-270	R-281	R-282	R-290	R-311	R-312
571	ACTOR	11	17.819	9.727	12.273	37.545	12.000	13.091	14.182	8.636	10.727	10.192	12.364
575	THEATRE (OTHER)	25	17.520	9.040	10.960	35.800	11.120	13.150	15.960	9.200	9.840	9.080	12.400
578	RADIO/TV ANNOUN.	23	18.391	9.478	11.826	33.957	11.174	12.435	13.609	9.522	9.261	9.391	11.696
579	MISC PERF ARTS	10	17.600	9.900	11.800	38.000	12.600	15.200	15.500	11.700	10.300	11.000	13.300
611	PRO ATHLETE	12	17.667	9.750	12.167	34.250	9.500	12.750	14.083	8.917	9.333	10.667	12.500
612	PRO ATHLETICS (AUX)	10	15.500	9.000	10.300	32.600	8.300	11.800	12.900	8.900	9.600	9.100	12.500
621	RECREATION DIR.	14	17.500	9.071	11.214	34.643	8.643	11.500	15.357	8.643	10.000	9.143	12.000
623	FRSTRY, HUNT, TRAP	22	16.909	9.273	9.045	28.500	9.091	12.318	12.909	9.636	9.273	9.273	9.545
631	FARM/RANCH OWNER	123	15.772	8.293	8.268	28.122	8.813	13.797	14.236	9.211	9.683	8.976	9.619
632	FARM/RANCH MGR	8	17.625	9.625	11.875	33.375	10.875	14.375	13.500	10.000	9.375	10.125	11.500
639	FARMING (OTHER)	204	16.000	9.221	8.804	26.892	8.623	13.230	13.078	9.010	8.765	8.971	10.064
640	MILITARY (RANK NOT IND)	51	17.392	8.510	10.490	32.118	9.333	13.588	13.333	9.882	9.314	9.000	11.392
641	MILITARY-ENLISTED	27	17.037	7.926	8.741	30.370	9.519	13.778	14.259	10.185	10.111	9.296	9.519
642	MILITARY-OFFICER	111	18.279	9.730	13.946	39.523	12.757	15.622	16.550	11.550	11.063	11.802	17.000
650	INTELLIGENCE-CIA, ETC.	15	15.867	8.800	10.933	35.333	9.867	12.933	15.733	9.333	10.267	9.933	13.467
661	POLICE (PUBLIC)	198	16.356	8.335	8.739	32.080	9.484	12.580	13.340	8.793	9.064	9.106	10.186
666	FIREMAN	48	15.750	7.583	7.833	26.188	8.583	12.604	13.542	8.917	8.813	8.083	9.667
669	OTHER PROTECTIVE	19	16.474	7.842	7.947	32.105	8.158	11.789	13.789	7.632	8.737	8.316	9.789
711A	BANKING & FINANCE, I	66	16.833	8.621	10.439	31.758	9.864	12.530	14.758	9.030	9.227	9.303	11.485
711B	BANKING & FINANCE, II	114	18.272	9.465	12.316	38.061	10.781	13.675	14.465	10.114	10.360	11.079	14.640
712	INVSTMNT,STOCK CONSULT	15	18.267	9.933	13.267	39.000	10.733	13.733	15.900	9.400	10.933	12.200	16.533
716	CPA	167	17.765	9.587	12.647	37.719	11.144	13.593	15.772	10.545	10.581	11.473	15.814
717	ACCTANT (EXC CPA)	329	17.027	8.985	11.359	33.389	10.027	12.878	14.565	9.593	9.805	10.599	13.729
721	PURCHASING AGENT	40	17.975	9.400	10.800	35.225	11.825	13.425	15.925	10.225	10.350	10.525	12.650
722	RETAIL BUYER	10	17.300	8.800	9.200	32.900	8.400	13.100	12.700	10.300	9.500	9.700	10.500
723	EFFICIENCY EXPERT	130	18.062	9.477	12.477	37.431	11.600	14.785	15.700	10.538	10.531	11.031	15.246
724	ADVERTISING	30	17.100	9.733	12.100	39.167	11.433	13.200	15.967	9.000	10.900	10.867	13.900
725	PUBLIC RELATIONS	44	18.500	9.750	13.045	36.659	10.227	12.932	14.136	9.250	9.227	9.977	14.386
726	PERSONNEL ADMIN	72	17.875	9.597	12.069	36.583	11.556	14.153	15.097	9.861	9.986	10.681	14.292
727	APPRAISING/ESTIMATING	35	18.114	9.257	11.200	35.943	10.771	13.429	14.857	10.229	10.143	11.029	13.057
728	LOAN/CREDIT INVESTIG	27	16.148	9.333	10.519	33.593	10.889	13.741	16.000	9.444	9.852	9.444	12.926
730	BUS MGMT/ADMIN (NEC)	514	17.626	9.278	11.580	35.864	10.963	13.720	15.041	9.837	10.031	10.366	13.560
731	MFG MGMT	55	17.036	9.673	11.855	37.564	11.018	15.091	15.345	9.655	10.418	10.727	14.309
732	WHSL/RET TRADE MGMT/MKTG	204	17.387	9.142	11.417	35.162	10.784	13.515	15.392	10.020	10.152	10.206	13.451
738	SUPERVISOR IN BUS	53	16.358	9.321	8.604	29.981	9.434	12.906	14.981	9.472	8.679	8.623	10.075
741	SALESCLERK	27	15.037	8.593	8.556	27.259	6.630	11.407	13.000	9.000	7.926	7.704	8.963
743	STOCKBROKER	17	18.471	9.412	11.176	37.588	10.765	13.235	14.882	10.412	10.353	10.647	14.294
745	REAL EST SLSMAN	24	17.167	9.750	10.542	34.125	10.792	13.167	13.833	9.125	9.333	9.708	13.042
746	INSURANCE SLSMAN	67	16.913	8.971	10.188	33.623	10.507	12.855	14.710	9.246	9.362	9.594	11.507
747	AUTO SLSMAN	11	15.727	8.000	6.636	23.909	7.455	12.455	13.636	8.000	7.727	9.455	8.818
748	OTHER SLSMAN (NEC)	327	16.817	8.969	9.777	32.355	9.960	13.110	14.220	9.462	9.636	9.538	11.599
749	SALES MGR	63	17.508	9.635	11.333	35.254	11.206	13.524	14.492	9.460	9.714	9.952	12.746
751	BOOKKEEPER	12	16.833	8.417	9.167	27.500	7.750	9.833	11.333	7.333	8.333	7.583	10.083
755	MISC ACCT RECDG	13	15.462	8.846	9.846	31.615	9.231	11.308	12.077	7.231	9.308	9.538	9.154
758	COMPUTER OPERATOR	97	16.196	8.206	8.722	30.948	9.371	12.216	14.021	8.608	9.299	9.856	10.526
769	CLERK (MISC)	23	17.130	8.435	7.783	29.261	9.348	12.000	13.565	8.913	8.957	7.870	10.217
772	OFFICE MGR	21	16.905	9.524	8.619	30.762	9.714	12.476	13.714	8.810	8.952	9.524	11.048
789	OTHER "PUB CONTACT" OCCS	10	16.200	9.100	10.600	31.500	9.800	12.600	13.600	7.900	8.800	9.600	12.200
791	RADIO, TELEGR, TTY OP	16	16.750	8.250	8.688	32.063	9.125	12.563	13.375	9.938	9.750	7.375	10.688
796	MAIL CARRIER	20	15.300	8.500	10.450	32.000	9.150	12.600	13.900	8.950	9.350	9.550	12.150
797	MISC CLERICAL	109	15.676	9.019	8.000	28.963	9.722	11.528	12.019	9.139	9.574	9.519	10.111
798	MISC ADMINISTRATIVE	52	17.305	9.746	10.390	35.000	10.542	11.864	14.542	8.949	8.966	9.237	12.068
810	ELECTRICIAN	211	15.536	8.095	8.142	28.791	9.076	13.403	14.578	9.376	9.057	9.597	9.995
811	ELECTRONIC TECHNICIAN	258	16.702	8.822	10.023	33.558	10.690	14.760	15.767	10.918	10.198	9.760	12.562
812	APPLIANCE REPAIR	51	16.314	8.471	9.176	31.098	9.725	14.078	14.216	9.549	8.647	9.373	10.843
813	PHONE INSTALL & REPAIR	53	15.981	8.660	9.057	30.830	10.208	14.245	15.679	9.811	9.660	9.472	11.245
814	REPAIR AND SERV COMP	40	16.025	8.700	10.825	29.025	10.325	14.700	16.225	10.625	10.225	10.300	12.225
820	MECHANIC (NEC)	133	15.083	7.797	7.602	26.699	9.286	13.654	14.278	9.692	8.617	9.128	9.534
821	AUTO MECHANIC	112	15.705	7.705	7.571	27.179	9.286	13.223	14.214	9.366	8.920	9.277	9.027
822	AIRPLANE MECHANIC	101	15.208	7.772	7.624	28.366	9.812	12.960	14.139	9.010	8.535	7.594	9.347
823	OFFICE MACH REPAIR	14	16.929	9.714	10.929	32.643	10.929	15.857	16.000	11.429	11.286	10.214	11.929
824	IND MACH REPAIR	28	16.036	9.357	7.214	28.143	9.750	13.929	16.571	9.393	9.143	9.357	10.393
828	MACHINIST	275	16.029	8.293	8.562	29.482	9.768	13.750	15.000	9.855	9.536	9.986	10.188
831	CABINET MAKER	11	15.364	7.455	6.818	27.909	7.091	11.636	15.000	8.545	8.818	6.818	7.545
832	CARPENTER	63	15.603	8.063	7.873	24.746	8.667	12.571	13.952	8.746	8.698	8.175	8.952
833	METAL TRADES	119	15.202	7.941	7.395	24.891	8.387	12.723	13.605	9.000	8.454	7.613	8.639
834	BRKLYR, MASON, PTR, RFR	66	14.636	7.379	7.000	23.879	8.061	12.227	14.030	8.621	7.742	7.561	8.318
835	PLUMBER, PIPEFITTER	81	15.432	7.926	6.543	26.000	8.506	12.593	13.593	8.531	8.765	8.099	10.346
836	HEAVY EQUIP OP	42	15.643	8.190	8.643	25.238	8.762	13.000	13.619	9.881	9.214	9.167	8.905
837	MISC BLDG & CONST	43	15.907	8.233	8.767	28.116	9.442	12.953	14.326	9.163	8.977	7.953	10.628
838	MINING, QUARRYING, DRLNG	12	13.667	7.500	6.750	21.583	7.667	11.417	12.667	8.000	7.250	7.000	8.000
841	PILOT	164	17.713	9.488	12.220	37.335	12.012	15.591	16.762	10.890	10.457	10.982	14.933
843	AIRPLANE NAVIGATOR	10	18.100	10.200	14.200	38.000	11.800	15.900	17.500	11.700	10.700	11.200	16.500
848	AIR TRAFFIC CONTROLLER	10	16.200	8.100	10.700	35.400	11.400	13.900	15.000	9.000	9.600	8.900	12.000
851	MERCHANT MARINE OCC	14	16.714	9.000	10.214	34.429	10.143	12.786	13.643	9.071	9.286	9.357	12.143
852	RAILROAD OCCS	22	14.591	7.682	7.955	27.682	9.500	12.818	15.000	8.818	8.000	8.318	9.727
853	AUTO, BUS, TRUCK DRIVER	91	15.462	7.429	7.220	25.363	9.198	12.473	13.495	8.637	9.220	6.934	8.407
861	PRINTING TRADES	104	15.827	8.279	7.683	28.010	9.163	12.567	13.221	9.115	8.885	7.702	9.327
863	SURVEYOR	20	16.050	8.650	9.900	31.350	9.700	14.250	15.450	8.850	9.300	9.300	11.750
864	DRAFTSMAN	134	15.963	8.470	8.701	29.754	9.642	13.754	15.112	10.425	9.769	8.761	11.052
865	PHOTOGRAPHY	37	16.838	8.730	10.946	34.162	10.838	14.297	15.486	10.459	9.676	8.811	11.378
866	INTERIOR DECORATOR	8	16.750	9.500	10.250	30.250	9.625	15.250	15.500	11.500	8.750	8.750	9.375
867	LANDSCAPE ARCH	9	15.889	9.333	12.222	35.333	11.889	13.222	15.111	10.556	9.778	10.333	13.222
881	FOOD & BEVERAGE PREP	20	13.700	6.200	8.150	23.200	7.800	11.450	11.400	8.150	8.700	7.850	8.800
885	BUTCHER, MEAT CUTTER	35	15.371	8.086	9.200	27.686	8.914	11.743	12.743	8.457	8.257	7.800	9.714
891	MISC PERSONAL SERV	8	14.625	6.625	6.500	24.750	8.000	9.750	12.750	7.125	6.875	6.750	9.750
892	BARBER	29	13.552	6.897	7.379	23.517	7.931	9.862	11.207	7.483	7.379	6.621	7.621
893	HAIRDRESSER	18	16.500	8.444	7.056	29.889	10.333	11.222	12.611	9.222	9.444	8.278	8.444
899	GENERAL LABORER	314	15.455	7.920	7.666	25.920	8.118	11.882	12.777	9.427	8.099	7.697	8.815
	TOTAL	14570	17.114	8.979	11.140	33.910	10.461	13.657	14.887	9.880	9.865	9.977	13.055

TABLE 1.1 (continued)

#	GROUP	N	USAGE R-234	EFFECT EXPRESS R-235	WORD FN IN SENT R-240	READING COMP R-250	CREATIVITY R-260	MECH REASONING R-270	VIS IN 2-DIM R-281	VIS IN 3-DIM R-282	ABSTRACT REAS R-290	ARITH REASONING R-311	INTRO HS MATH R-312
			STANDARD DEVIATIONS										
			ENG. TEST (CONTD.)									MATH TEST	
571	ACTOR	11	2.857	2.005	6.358	6.977	4.583	4.549	6.691	4.822	2.370	3.683	4.388
575	THEATRE (OTHER)	25	2.163	2.263	4.996	9.713	4.196	4.356	5.209	3.979	3.091	3.252	4.805
578	RADIO/TV ANNOUN.	23	2.675	1.951	4.687	9.023	4.041	3.259	6.265	3.515	2.700	3.258	4.237
579	MISC PERF ARTS	10	2.413	1.524	5.673	5.292	3.471	4.392	3.659	3.199	2.111	3.162	4.057
611	PRO ATHLETE	12	2.902	1.545	5.357	9.077	4.503	3.467	6.557	3.088	2.188	2.329	5.436
612	PRO ATHLETICS (AUX)	10	2.953	2.000	3.917	6.433	3.592	2.394	5.801	3.315	2.547	2.767	4.116
621	RECREATION DIR.	14	2.739	1.639	5.886	9.195	3.455	3.632	4.500	2.061	2.253	4.016	3.616
623	FRSTRY, HUNT, TRAP	22	2.202	1.778	3.970	11.262	3.477	4.087	6.907	2.969	2.694	3.369	4.350
631	FARM/RANCH OWNER	123	3.104	2.350	4.019	8.877	3.209	3.617	5.052	2.959	3.039	3.039	4.132
632	FARM/RANCH MGR	8	3.583	1.923	6.792	9.365	4.518	3.852	6.887	3.817	2.446	3.271	3.854
639	FARMING (OTHER)	204	3.144	2.236	4.626	9.038	3.780	3.751	5.518	3.069	2.808	3.182	4.274
640	MILITARY (RANK NOT IND)	51	3.930	2.962	5.594	11.151	4.524	3.925	5.399	3.096	3.373	3.382	5.759
641	MILITARY-ENLISTED	27	2.549	2.165	4.212	11.826	3.887	3.042	5.310	3.235	2.006	3.074	3.936
642	MILITARY-OFFICER	111	2.636	1.789	5.124	7.307	3.678	3.180	4.921	2.926	2.180	2.750	4.210
650	INTELLIGENCE-CIA, ETC.	15	2.295	2.541	5.483	6.737	2.875	5.007	4.832	4.271	2.604	2.738	4.926
661	POLICE (PUBLIC)	188	2.597	2.296	4.437	9.491	3.748	3.737	5.755	3.139	2.674	3.121	4.268
666	FIREMAN	43	3.704	2.766	3.657	10.437	3.875	4.030	6.014	3.332	2.944	3.127	4.163
669	OTHER PROTECTIVE	19	2.342	2.089	3.922	9.955	2.911	3.896	6.404	3.059	3.052	3.001	3.896
711A	BANKING & FINANCE, I	66	2.933	2.231	4.746	9.401	3.441	3.509	5.364	3.177	2.522	2.801	4.612
711B	BANKING & FINANCE, II	114	2.550	1.947	5.375	7.025	3.474	3.295	5.508	3.176	2.100	3.254	4.771
712	INVSTMNT,STOCK CONSULT	15	2.815	2.434	5.203	7.700	3.751	2.576	4.296	3.043	2.434	2.455	4.068
716	CPA	157	2.675	1.712	4.999	7.522	3.571	3.511	4.827	2.883	1.958	2.677	4.416
717	ACCTANT (EXC CPA)	329	2.997	1.900	5.039	8.077	3.426	3.774	5.755	3.171	2.425	3.030	4.928
721	PURCHASING AGENT	40	2.824	2.085	4.609	7.231	3.388	3.601	4.649	2.887	2.214	2.837	4.672
722	RETAIL BUYER	10	3.199	1.814	3.795	6.208	2.951	3.071	6.343	2.541	1.269	2.003	4.836
723	EFFICIENCY EXPERT	120	3.065	2.088	5.292	7.651	3.925	3.471	5.388	3.180	2.662	3.247	4.888
724	ADVERTISING	30	3.994	2.100	5.791	5.676	3.350	2.964	5.340	3.714	1.863	2.751	4.358
725	PUBLIC RELATIONS	44	2.416	1.658	4.856	7.991	3.665	3.413	5.298	2.902	2.916	3.195	4.726
726	PERSONNEL ADMIN	72	2.611	1.517	5.122	8.206	4.229	3.866	5.831	3.640	2.501	2.921	4.197
727	APPRAISING/ESTIMATING	25	2.259	1.597	4.651	6.526	2.829	4.075	5.424	2.991	2.171	2.584	4.498
728	LOAN/CREDIT INVESTIG	27	4.563	2.386	5.243	8.971	2.900	3.358	4.954	3.479	2.265	2.913	4.523
730	BUS MGMT/ADMIN (NEC)	514	2.831	1.922	5.047	8.167	3.697	3.602	5.409	3.312	2.457	3.119	4.733
731	MFG MGMT	55	3.656	2.195	5.244	7.130	3.928	2.662	5.197	3.267	2.225	3.461	4.220
732	WHSL/RET TRADE MGMT/MKTG	204	2.780	2.001	4.909	7.776	3.413	3.574	5.181	3.118	2.411	3.211	4.697
738	SUPERVISOR IN BUS	53	2.497	2.026	4.153	9.372	3.500	3.415	4.449	3.055	2.751	3.283	4.283
741	SALESCLERK	27	2.766	2.275	5.235	12.155	4.217	4.172	6.183	3.519	3.161	4.304	5.177
743	STOCKBROKER	17	2.322	1.661	4.503	6.155	2.796	2.773	4.702	1.938	1.766	3.220	4.413
745	REAL EST SLSMAN	24	2.745	1.391	4.764	9.295	3.945	4.440	5.768	3.204	2.973	3.085	4.777
746	INSURANCE SLSMAN	40	2.699	2.022	4.784	8.479	3.697	3.793	5.816	3.055	2.706	3.103	4.307
747	AUTO SLSMAN	11	2.573	2.324	4.599	11.040	4.967	4.947	7.460	4.025	3.495	2.806	4.579
748	OTHER SLSMAN (NEC)	327	3.050	2.003	4.651	9.419	3.868	3.713	5.235	3.158	2.587	3.135	4.905
749	SALES MGR	43	2.657	1.527	5.077	7.955	3.273	3.724	5.038	3.435	2.106	2.842	4.504
751	BOOKKEEPER	12	2.758	1.564	3.215	6.274	4.413	3.298	4.097	3.200	2.995	1.975	4.078
755	MISC ACCT RECDG	13	3.205	2.075	3.976	8.959	3.811	2.394	6.652	2.833	3.250	3.205	4.160
758	COMPUTER OPERATOR	97	3.138	1.994	4.327	9.662	3.866	4.088	5.553	3.587	3.073	3.224	4.671
769	CLERK (MISC)	23	2.581	1.903	3.965	9.502	2.933	3.705	4.399	3.315	2.705	2.437	3.988
772	OFFICE MGR	21	2.606	1.721	3.968	9.055	4.463	4.082	7.363	3.737	2.711	3.415	4.706
789	OTHER "PUB CONTACT" OCCS	10	2.616	1.792	4.835	7.792	3.824	3.534	5.797	2.741	1.814	4.006	3.736
791	RADIO, TELEGR, TTY OP	16	3.941	2.049	4.571	10.382	4.064	4.871	5.976	3.678	3.435	4.113	4.729
796	MAIL CARRIER	20	2.638	1.906	4.322	8.553	3.964	4.096	5.457	3.660	2.412	2.982	4.998
797	MISC CLERICAL	109	3.126	2.267	4.567	9.173	3.676	4.322	6.102	3.598	3.130	3.430	4.655
798	MISC ADMINISTRATIVE	50	2.534	2.447	4.406	8.171	3.839	4.216	5.692	3.132	3.006	3.588	5.126
810	ELECTRICIAN	211	3.410	2.358	4.178	10.057	3.887	3.566	5.614	3.468	2.903	2.991	4.270
811	ELECTRONIC TECHNICIAN	258	2.869	2.108	4.861	8.773	3.728	3.217	4.979	2.777	2.483	3.059	4.440
812	APPLIANCE REPAIR	51	2.549	2.072	4.107	8.102	3.806	3.381	5.053	3.055	3.148	3.310	4.929
813	PHONE INSTALL & REPAIR	53	2.749	1.753	3.949	9.940	4.180	3.995	5.650	3.114	2.601	2.919	3.917
814	REPAIR AND SERV COMP	40	2.842	2.174	4.840	11.086	3.230	2.946	5.061	3.319	2.860	3.436	4.747
820	MECHANIC (NEC)	133	3.298	2.370	3.453	9.050	3.769	3.612	5.444	3.156	2.902	3.144	4.195
821	AUTO MECHANIC	112	3.550	2.200	3.970	9.068	3.555	3.815	4.998	3.148	2.494	3.560	3.878
822	AIRPLANE MECHANIC	101	2.923	2.349	3.862	9.000	3.475	3.484	5.690	3.087	2.583	3.044	3.915
823	OFFICE MACH REPAIR	14	2.526	1.383	5.015	8.750	3.198	2.770	5.392	2.848	2.164	3.662	6.719
824	IND MACH REPAIR	23	3.260	2.313	3.794	9.212	3.845	3.431	5.984	3.414	3.112	2.704	5.080
828	MACHINIST	274	3.039	2.359	4.360	8.855	4.127	3.650	5.774	3.208	2.712	2.963	4.134
831	CABINET MAKER	11	3.722	3.698	1.991	8.324	3.590	3.529	4.243	3.012	2.714	1.601	4.083
832	CARPENTER	63	3.310	2.139	3.875	9.372	3.947	4.087	5.678	3.121	3.003	2.998	4.054
833	METAL TRADES	119	2.907	2.301	3.566	8.351	3.712	3.560	6.027	3.122	2.517	2.768	3.369
834	BRKLYR, MASON, PTR, RFR	66	3.801	2.659	3.083	10.032	4.307	4.090	6.732	3.368	2.846	3.029	3.192
835	PLUMBER, PIPEFITTER	81	3.563	2.602	3.695	11.315	3.902	3.843	5.820	3.497	3.014	3.300	4.234
836	HEAVY EQUIP OP	42	3.560	2.511	4.207	11.078	3.714	4.120	6.140	3.117	2.628	3.036	4.201
837	MISC BLDG & CONST	43	3.153	2.318	3.835	8.631	3.411	3.422	5.858	3.511	2.464	2.911	4.106
838	MINING, QUARRYING, DRLNG	12	2.774	2.355	2.667	6.515	3.939	3.872	5.898	2.828	3.049	3.977	4.200
841	PILOT	164	2.649	1.818	5.023	7.229	3.506	2.845	4.946	2.800	2.335	3.071	4.927
843	AIRPLANE NAVIGATOR	10	2.079	1.687	5.160	6.896	3.327	1.524	4.552	2.497	2.058	2.936	3.837
848	AIR TRAFFIC CONTROLLER	10	2.573	2.558	3.683	8.720	3.471	3.381	4.216	2.309	2.875	3.143	4.784
851	MERCHANT MARINE OCC	14	3.989	2.987	5.494	6.111	3.780	3.806	5.286	3.647	2.644	3.225	4.521
852	RAILROAD OCCS	22	3.473	3.077	4.434	9.454	4.056	4.193	4.680	2.442	3.352	2.868	4.431
853	AUTO, BUS, TRUCK DRIVER	91	2.907	2.207	3.608	9.521	3.572	3.956	6.237	3.388	2.913	2.969	3.565
861	PRINTING TRADES	104	3.073	2.092	4.018	9.905	3.922	3.864	5.449	2.847	2.710	3.486	3.855
863	SURVEYOR	20	2.373	2.907	4.217	9.494	2.830	3.242	4.740	2.720	2.342	2.577	3.945
864	DRAFTSMAN	134	3.067	2.091	4.349	8.759	3.911	3.395	5.529	3.025	2.440	3.024	4.599
865	PHOTOGRAPHY	37	3.833	2.775	4.813	10.439	4.381	3.886	5.347	2.950	3.110	3.635	4.952
866	INTERIOR DECORATOR	8	3.196	1.604	4.621	11.901	4.897	3.655	4.811	3.162	4.027	2.816	3.815
867	LANDSCAPE ARCH	9	2.619	1.732	5.191	8.617	4.045	3.383	6.294	3.206	2.682	4.000	5.652
881	FOOD & BEVERAGE PREP	20	2.993	2.608	4.246	9.774	3.995	3.748	7.308	2.889	3.629	3.313	3.334
885	BUTCHER, MEAT CUTTER	35	2.951	2.748	4.837	9.923	3.745	3.898	4.859	3.559	2.790	3.411	4.938
891	MISC PERSONAL SERV	8	3.777	2.722	3.505	11.889	4.175	4.166	7.285	3.758	2.031	3.808	4.268
892	BARBER	29	4.222	2.968	3.986	8.096	3.770	3.388	7.148	2.935	3.212	3.332	3.950
893	HAIRDRESSER	19	2.455	1.464	2.960	8.811	3.125	3.335	5.521	3.116	2.036	3.006	4.033
899	GENERAL LABORER	314	3.101	2.302	4.069	9.691	3.447	3.852	5.543	3.227	3.021	2.999	3.899
	TOTAL	14570	3.162	2.178	5.435	9.691	3.980	3.807	5.542	3.283	2.747	3.422	5.357

TABLE 1.1 (continued)

#	GROUP	N	MEANS										
			MTH TST(CD.)										I.I.
			ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH
			D-333	F-410	F-420	F-430	F-440	A-410	A-420	A-430	A-440	A-500	D-701
000	NO ANSWER	1766	3.076	28.364	9.754	24.111	21.829	41.460	16.259	41.323	24.366	57.438	21.540
001	DON'T KNOW	724	4.023	27.942	10.315	23.065	21.753	41.544	16.453	40.594	24.544	56.702	22.306
101	EXECUTIVE (NEC)	59	5.492	33.559	12.305	33.542	25.169	47.458	19.763	46.331	23.153	56.356	22.661
102	FOREMAN (NEC)	103	3.117	24.680	8.502	21.612	21.039	33.806	15.757	39.301	24.223	59.117	19.350
111	WORK FOR GOVT (NEC)	49	3.327	26.373	12.490	27.796	22.937	42.224	17.204	44.694	25.184	61.735	18.490
112	IN BUS. FOR SELF (NEC)	255	3.702	27.761	11.149	26.292	22.729	41.455	16.314	41.420	25.341	57.430	19.741
120	IND., BUS., COMM. (NEC)	141	4.354	31.976	11.565	23.652	22.627	43.478	16.759	43.435	25.273	55.491	22.279
121	RETAIL (NEC)	22	3.364	31.636	12.364	27.636	21.909	40.727	17.318	41.455	24.636	53.500	19.773
122	TRANSPORTATION (NEC)	16	4.500	26.125	12.438	30.063	23.500	42.875	17.063	40.813	24.625	52.500	21.000
123	REAL ESTATE(NEC)	9	4.556	30.889	9.333	26.333	21.111	45.667	16.111	40.556	22.389	58.333	22.333
124	INSURANCE (NEC)	24	4.375	34.958	15.208	27.083	23.875	43.958	20.542	51.417	27.125	59.250	20.042
125	ELECTRONICS (NEC)	113	3.823	32.053	10.265	22.965	22.437	43.584	14.602	36.628	24.274	52.903	24.248
211	MATH., STAT.	42	7.595	41.571	12.714	34.595	23.119	40.476	17.429	44.119	25.738	57.905	20.071
212	OTHER STATISTICS	10	7.100	46.200	12.300	25.500	21.500	51.000	16.700	42.700	25.500	53.500	27.200
221	SYSTEMS ANALYST	56	7.857	44.661	12.000	23.732	22.375	49.161	19.464	41.661	25.196	56.839	20.554
222	COMPUTER PROG.	173	5.121	34.173	12.121	31.405	23.896	44.509	17.137	42.266	26.243	55.156	23.676
229	COMPUTER SPEC. (NEC)	38	6.500	42.316	12.763	33.184	23.158	47.368	17.395	43.026	25.158	59.842	24.526
230	PHYS. SCI. (NEC)	16	6.500	36.688	9.750	26.188	26.375	43.688	19.125	41.438	23.500	48.688	26.500
231	CHEMIST	93	7.387	39.118	10.634	28.892	22.312	45.656	15.645	39.430	24.220	54.645	29.806
232	PHYSICIST	53	7.698	41.038	11.340	27.321	23.293	45.623	16.336	38.431	25.170	46.604	32.509
234	GEOLOGIST	22	7.364	37.318	10.182	22.318	21.727	44.773	14.000	34.318	24.182	51.136	29.455
240	ENGINEER (NEC)	247	7.117	40.521	12.569	[illegible]	24.335	49.026	17.893	42.823	26.027	57.310	29.444
241	CIVIL ENGINEER	97	7.144	37.856	12.722	23.155	24.258	47.620	17.907	41.856	25.356	57.732	23.299
242	ELEC. ENGINEER	234	6.955	36.067	12.077	27.120	23.427	45.791	19.256	42.026	25.650	57.564	30.440
243	MECH. ENGINEER	123	6.691	30.073	12.317	27.137	23.640	47.237	17.137	41.122	25.856	55.137	29.583
244	AERONAUTICAL ENG.	40	7.225	40.200	12.700	23.750	23.800	47.200	19.150	46.650	25.300	52.950	31.075
245	CHEM. ENGINEER	48	7.042	43.104	13.167	35.542	25.396	50.438	18.229	43.542	27.313	50.583	32.021
250	ARCHITECT	64	6.609	33.203	12.297	23.609	25.750	44.641	14.516	40.172	27.406	50.359	27.078
299	PHYS. SCI., LAB TECH.	100	4.020	31.980	12.230	24.220	23.130	42.140	16.350	40.240	24.800	58.180	22.200
310	BIOLOGIST, ZOOLOGIST	48	5.188	35.375	10.875	27.917	22.896	45.292	15.292	45.917	25.063	53.500	24.438
313	SPEC. IN AGRIC. SCI.	33	5.030	37.242	11.636	22.121	24.273	44.030	17.000	39.212	24.273	50.303	22.303
314	WLDLF/FOREST SPEC.	43	5.884	36.419	10.744	23.455	23.814	44.721	15.488	40.558	25.395	50.488	21.930
316	MICROBIOLOGIST	9	3.667	33.333	11.667	27.000	24.444	45.444	15.889	40.444	25.444	55.778	23.556
317	BIOCHEMIST	10	5.900	37.000	10.300	23.500	24.100	45.200	14.000	42.700	25.700	51.800	27.000
322	MD-SURGEON	8	6.500	35.875	9.500	25.125	22.625	45.875	17.750	40.625	24.625	62.375	24.250
329	MD-OTHER	126	7.919	43.715	11.414	31.930	23.333	50.016	19.619	42.817	25.119	56.839	27.944
332	DENTIST	92	6.467	30.125	11.120	32.424	23.609	48.489	14.141	45.250	25.935	50.337	24.022
333	VETERINARIAN	30	6.033	27.633	10.567	25.500	24.167	45.433	16.333	38.433	25.633	57.200	25.033
335	PHARMACIST	89	5.652	30.944	10.022	23.360	21.955	46.764	16.022	33.733	24.202	55.529	24.371
336	OPTOMETRIST	14	4.429	[illegible]	11.714	31.857	25.929	47.000	17.286	53.143	25.929	64.429	23.571
337	RN	8	3.500	26.125	9.125	22.250	21.375	37.625	17.875	32.750	22.625	55.375	17.125
345	CHIROPRACTOR	9	5.111	25.778	15.667	23.111	24.111	47.556	19.000	44.222	27.000	50.889	23.556
347	MED/DENT TECHNOL.	15	4.067	22.067	16.400	20.933	19.533	41.400	20.267	41.933	23.400	57.733	21.933
348	MED/DENT TECHNICIAN	31	3.032	25.677	8.097	21.161	20.774	43.129	15.323	40.129	24.516	57.258	18.903
350	HOSPITAL ADMIN.	13	4.308	31.538	10.154	15.769	18.846	[illegible]	[illegible]	[illegible]	[illegible]	64.077	22.423
360	PSYCHOLOGIST	47	5.851	35.021	11.833	23.021	22.340	45.149	17.681	41.638	25.149	55.723	24.532
370	SOCIAL WORKER	65	4.846	30.277	9.215	25.431	22.331	41.662	15.138	42.738	25.569	53.569	21.723
372	COUNSELING/GUIDANCE	10	4.100	30.000	8.500	[illegible]	[illegible]	45.300	[illegible]	41.000	24.400	60.700	23.500
373	VOC/ED GUIDANCE	42	4.190	31.524	11.214	24.667	22.786	45.667	14.619	40.333	25.738	60.976	21.738
382	ECONOMIST	32	5.031	37.031	9.375	23.906	22.219	45.031	14.688	40.031	24.031	62.438	25.625
389	SOC. SCI. (MISC)	31	5.871	35.065	14.355	31.065	24.935	45.548	19.032	36.258	25.323	50.613	22.548
391	POLITICIAN	16	5.688	32.188	12.500	29.375	23.938	44.938	16.750	41.375	27.438	47.813	19.625
392	DIPLOMAT	21	6.333	38.190	10.714	32.619	22.381	45.810	16.762	41.762	25.190	61.524	26.619
393	LAWYER	342	5.591	30.161	11.734	32.000	22.956	48.213	17.132	42.251	25.246	65.146	23.936
394	MARKET ANALYST	15	4.533	40.067	11.533	25.333	23.600	46.733	16.467	37.000	25.600	53.667	22.467
397	PUBLIC ADM (NEC)	16	5.563	30.250	12.375	25.750	24.125	43.250	13.125	42.250	25.250	58.438	13.125
398	CITY PLANNER (NEC)	21	6.000	37.524	10.810	23.667	23.524	45.095	14.810	41.476	24.571	60.667	25.190
400	TEACHER (NEC)	473	4.931	34.095	10.667	26.335	22.270	44.292	14.262	40.611	24.747	58.772	21.430
412	TEACHER-ELEM.	53	4.340	26.049	10.226	24.094	19.926	43.595	14.036	37.755	21.755	55.019	22.262
420	TEACHER-HS (NEC)	98	4.735	34.500	10.775	28.430	22.327	44.618	15.010	41.353	24.441	54.224	22.775
421	TEACHER-HS MATH	65	6.585	42.308	12.046	30.308	23.062	44.523	17.000	42.554	25.400	61.400	27.892
422	TEACHER-HS SCIENCE	68	5.838	37.529	9.324	26.721	21.441	44.103	14.853	33.721	23.765	55.779	24.485
423	TEACHER-HS SOC. ST.	85	6.424	31.824	10.165	27.412	22.024	43.400	15.541	43.600	24.659	55.753	22.471
424	TEACHER-ENGLISH	38	4.526	32.737	10.026	33.368	22.132	41.158	14.289	41.579	23.711	55.500	20.895
425	TEACHER-FOR. LANG.	14	4.786	30.214	10.286	19.500	22.500	40.071	16.429	40.571	25.500	52.000	13.357
426	TEACHER-COMM. ED.	14	5.143	41.214	11.643	27.500	26.929	48.071	16.500	38.071	22.643	60.929	22.571
428	TEACHER-TRADES	50	4.000	21.260	11.340	26.840	23.800	41.020	16.420	40.020	25.220	62.060	22.240
429	TEACHER-PHYS. ED.	57	3.895	31.211	12.912	27.456	22.737	42.789	17.544	42.351	25.263	60.719	19.439
431	TEACHER-ART	12	3.833	24.833	6.000	35.750	24.083	42.500	13.833	49.417	26.583	59.417	17.583
432	TEACHER-MUSIC	30	4.267	35.100	9.367	25.333	22.433	43.233	15.600	41.267	24.233	57.500	18.533
440	TEACHER-HANDICAPPED	12	4.917	37.250	14.167	33.083	23.250	46.583	20.333	40.083	25.583	54.167	13.667
450	SCH. ADMIN. (EXC. COLL.)	90	5.267	35.122	10.122	27.378	20.967	46.044	19.011	40.444	23.578	52.200	21.689
460	COLL/UNIV TCHR (NEC)	214	6.388	37.373	11.626	30.332	22.435	45.640	16.762	41.565	24.565	55.467	23.491
461	COLL/UNIV TCHR-MATH	30	9.733	42.900	13.967	31.233	22.000	51.933	20.900	42.700	25.233	57.633	32.033
462	COLL/UNIV TCHR-SCI	48	7.542	37.000	12.083	23.625	23.104	52.167	19.458	42.708	24.771	56.313	22.458
463	COLL/UNIV TCHR-SOC SCI	81	5.444	38.358	11.407	31.963	21.951	47.247	19.062	43.457	24.123	59.901	22.025
464	COLL/UNIV TCHR-ENGLISH	44	4.773	34.886	10.341	33.068	22.636	44.795	14.977	43.159	[illegible]	60.886	22.977
470	COLL/UNIV TCHR-ADM	13	5.692	41.846	10.846	30.231	20.692	49.000	13.231	41.923	23.769	55.462	19.769
511	LIBRARIAN	9	4.778	31.444	16.556	36.556	23.000	43.444	20.556	44.778	25.222	42.778	18.556
521	CLERGYMAN	177	5.209	33.701	10.768	25.927	21.266	43.576	15.025	40.073	23.718	54.192	20.146
523	RELIGIOUS WORKER (OTHER)	23	5.130	24.870	7.957	25.304	21.957	45.652	17.174	37.478	23.696	55.304	21.348
531	WRITER (NEC)	21	4.952	25.095	9.143	26.667	22.095	38.952	17.429	42.476	24.571	52.810	22.000
534	JOURNALIST/REPORTER	43	4.674	35.070	10.535	25.628	22.023	41.767	17.093	41.395	24.163	60.419	17.326
537	EDITOR	10	5.900	41.600	10.700	33.800	22.300	47.600	17.500	45.000	22.500	47.700	20.700
541	FINE ARTS	22	4.273	25.000	9.227	32.500	22.591	41.000	15.409	44.318	25.364	49.455	20.318
545	COMM ARTIST	54	3.704	23.444	8.593	23.333	23.315	33.611	14.741	30.000	25.537	53.315	19.704
547	DESIGNER (CONS GOODS)	14	3.857	26.000	9.071	17.714	23.071	41.500	13.500	34.857	27.214	55.071	22.786
551	MUSICIAN	17	4.647	29.471	10.412	27.882	22.176	45.647	20.529	42.882	24.647	64.235	16.059

TABLE 1.1 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			MTH TST(CD.)										I.I.
			ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH
			P-333	F-410	F-420	F-430	F-440	A-410	A-420	A-430	A-440	A-500	P-701
000	NO ANSWER	1766	2.560	21.650	10.131	20.945	8.304	9.908	9.787	15.585	7.403	23.819	8.825
001	DON'T KNOW	746	2.573	21.851	11.126	20.577	8.069	10.308	10.833	14.936	7.416	24.695	8.277
101	EXECUTIVE (NEC)	59	2.849	24.647	9.841	19.186	8.506	8.575	11.380	16.190	7.497	18.191	7.544
102	FOREMAN (NEC)	102	2.102	19.089	10.043	21.043	8.232	9.478	9.094	14.464	7.174	21.805	7.254
111	WORK FOR GOVT (NEC)	42	2.240	26.430	11.006	20.693	8.186	10.439	10.249	16.525	7.645	21.146	9.668
112	IN BUS. FOR SELF (NEC)	265	2.337	24.318	10.414	19.796	8.363	10.850	10.124	14.997	7.765	21.970	9.190
120	IND., BUS., COMM. (NEC)	151	2.516	14.934	9.357	18.990	8.116	9.909	9.643	14.576	7.589	21.670	8.519
121	RETAIL (NEC)	22	2.341	12.912	10.749	21.142	8.041	6.692	11.978	17.909	6.666	22.614	6.754
122	TRANSPORTATION (NEC)	16	1.997	21.200	9.986	19.199	10.443	9.010	10.247	17.759	10.269	14.900	8.524
123	REAL ESTATE(NEC)	9	3.358	12.946	5.909	16.545	7.801	9.531	4.567	19.040	5.183	19.519	9.975
124	INSURANCE (NEC)	26	2.871	14.799	13.390	28.788	7.958	10.841	12.032	18.484	7.942	22.831	5.996
125	ELECTRONICS (NEC)	112	2.300	12.592	7.350	16.668	7.874	9.929	7.144	13.529	7.437	22.094	7.126
211	MATH., STAT.	42	2.669	12.224	4.463	13.636	5.935	8.915	5.606	14.006	6.344	28.305	6.190
212	OTHER STATISTICS	10	3.479	15.810	4.057	17.697	10.947	13.466	5.579	11.776	7.619	10.058	7.131
221	SYSTEMS ANALYST	56	2.799	10.722	13.484	18.686	9.140	7.731	12.995	14.649	7.731	21.851	6.790
222	COMPUTER PROG.	172	2.624	18.660	9.593	18.955	7.409	10.466	9.665	16.118	7.225	20.336	8.858
229	COMPUTER SPEC. (NEC)	32	3.194	10.008	8.175	16.436	5.309	9.610	7.734	14.227	5.360	23.269	9.334
230	PHYS. SCI. (NEC)	16	2.757	16.419	10.434	19.864	7.117	14.258	14.809	13.667	7.439	15.439	7.385
231	CHEMIST	92	2.832	11.236	5.049	13.155	6.499	7.343	5.055	11.103	6.237	21.984	5.924
232	PHYSICIST	52	2.232	11.670	3.813	15.988	5.959	10.363	4.712	10.964	5.618	17.264	5.124
234	GEOLOGIST	22	2.574	17.053	6.399	16.381	7.099	11.006	7.231	10.741	7.116	18.479	5.713
240	ENGINEER (NEC)	262	2.717	15.990	8.376	16.260	7.947	9.574	7.853	13.550	7.168	21.672	6.249
241	CIVIL ENGINEER	67	2.354	16.934	10.160	15.953	7.225	9.733	10.905	14.630	7.009	30.352	7.121
242	ELEC. ENGINEER	236	2.971	16.399	9.971	17.616	7.609	9.502	9.654	14.840	7.225	23.921	6.286
243	MECH. ENGINEER	127	2.609	12.405	7.825	16.530	7.465	9.874	7.733	12.803	7.080	20.505	6.725
244	AERONAUTICAL ENG.	43	2.750	11.046	6.207	12.209	5.244	7.763	7.748	9.828	5.617	18.505	6.091
245	CHEM. ENGINEER	64	2.625	12.016	9.129	15.792	8.071	9.966	9.158	13.913	7.669	21.008	5.984
250	ARCHITECT	66	2.258	11.341	9.004	13.593	7.392	8.767	9.117	13.023	6.955	18.193	7.612
299	PHYS. SCI., LAB TECH.	102	2.498	14.230	10.984	17.930	6.519	9.482	10.356	13.535	6.369	24.682	9.213
310	BIOLOGIST, ZOOLOGIST	42	2.385	16.202	5.920	16.443	5.912	9.600	6.000	13.853	5.617	15.597	7.624
313	SPEC. IN AGRIC. SCI.	22	2.580	12.627	7.211	19.957	8.221	9.103	7.331	13.722	7.966	21.984	8.006
314	WLDLF/FOREST SPEC.	42	2.621	9.974	7.597	19.481	7.777	6.181	7.113	14.646	7.248	19.623	7.645
316	MICROBIOLOGIST	7	2.000	7.297	4.500	16.432	9.409	5.659	4.622	14.380	7.038	21.776	8.353
317	BIOCHEMIST	10	3.706	8.907	4.158	13.252	5.527	5.922	3.091	8.706	6.129	18.725	4.566
322	MD-SURGEON	6	2.673	13.799	4.440	21.748	8.651	9.610	5.849	15.454	6.589	29.580	10.457
329	MD-OTHER	106	2.512	12.786	6.247	14.978	6.725	7.858	5.597	12.119	6.632	24.679	6.666
332	DENTIST	22	2.531	13.449	5.620	19.595	7.448	6.923	5.966	15.283	6.782	24.926	7.665
333	VETERINARIAN	20	2.266	11.017	5.835	15.330	6.513	7.445	6.055	10.296	7.025	25.505	6.955
335	PHARMACIST	20	2.287	14.067	6.938	17.316	7.589	8.529	9.429	15.249	7.377	22.127	6.400
336	OPTOMETRIST	16	2.709	13.978	5.298	23.764	4.497	10.122	6.462	16.783	4.323	30.460	5.240
337	RN	1	2.070	16.075	3.357	10.767	4.207	5.951	3.603	9.216	4.534	17.984	9.613
345	CHIROPRACTOR	[illegible]	2.849	33.256	11.158	16.427	7.913	9.323	11.747	19.490	7.382	14.735	7.796
347	MED/DENT TECHNOL.	12	2.576	14.210	16.197	15.931	5.693	8.839	17.756	16.442	7.089	16.973	9.392
348	MED/DENT TECHNICIAN	21	2.536	15.793	10.639	18.639	8.069	11.162	8.502	17.826	7.589	23.779	8.530
350	HOSPITAL ADMIN.	10	2.689	16.040	4.879	17.079	8.133	11.699	7.005	16.235	6.258	20.642	9.525
360	PSYCHOLOGIST	26	2.476	19.156	9.493	17.428	7.258	9.040	8.593	14.221	6.510	22.294	7.332
370	SOCIAL WORKER	65	2.445	14.345	6.172	19.839	8.602	10.942	5.062	14.491	7.314	19.667	10.120
372	COUNSELING/GUIDANCE	10	1.792	12.793	3.629	13.096	7.732	8.028	5.736	13.157	9.307	37.792	9.384
373	VOC/ED GUIDANCE	42	2.698	15.349	7.925	17.146	7.213	10.257	8.608	12.735	6.286	17.453	7.911
382	ECONOMIST	12	2.279	9.004	6.695	15.790	7.255	7.168	5.515	12.460	6.478	22.875	7.914
389	SOC. SCI. (MISC)	21	2.680	16.609	12.241	22.796	6.738	7.637	11.667	15.748	6.863	17.237	8.302
391	POLITICIAN	15	2.822	17.993	6.957	15.457	7.861	9.744	6.718	10.525	8.091	8.666	9.458
392	DIPLOMAT	21	3.411	13.333	3.409	18.021	8.470	6.112	4.437	14.307	6.713	31.296	9.022
393	LAWYER	262	2.744	15.207	8.192	15.301	7.023	9.057	8.645	13.199	6.695	18.352	8.224
394	MARKET ANALYST	15	2.167	9.888	5.069	12.225	6.311	8.819	6.906	8.807	7.199	12.093	9.471
397	PUBLIC ADM (NEC)	16	2.394	18.208	16.153	20.115	8.049	9.052	14.701	13.945	7.298	24.971	7.898
398	CITY PLANNER (NEC)	21	2.302	9.141	5.636	13.639	6.266	7.469	5.326	11.656	5.844	35.720	7.639
400	TEACHER (NEC)	673	2.654	16.887	8.304	15.922	7.007	9.130	8.178	12.653	6.781	22.121	8.455
412	TEACHER-ELEM.	62	2.526	11.225	6.727	14.855	4.740	7.853	6.617	11.375	4.310	19.107	8.687
420	TEACHER-HS (NEC)	33	2.526	12.415	8.264	17.529	7.288	9.732	8.002	15.014	6.846	22.942	8.146
421	TEACHER-HS MATH	65	2.164	11.191	6.641	17.136	6.260	7.953	7.675	14.324	6.400	22.625	5.593
422	TEACHER-HS SCIENCE	46	3.108	17.672	4.457	15.314	7.426	10.434	5.524	12.916	7.606	21.982	8.303
423	TEACHER-HS SOC. ST.	45	2.184	13.674	9.295	16.736	7.912	9.655	9.263	15.304	7.983	18.801	9.145
424	TEACHER-ENGLISH	22	2.310	12.333	8.410	14.879	6.679	9.627	7.915	13.019	6.849	19.243	8.003
425	TEACHER-FOR. LANG.	14	2.806	18.602	5.663	17.762	7.532	10.965	4.735	8.810	6.937	15.422	9.061
426	TEACHER-COMM. ED.	14	2.852	9.065	3.296	13.597	6.044	7.651	5.626	12.288	6.957	30.615	8.355
428	TEACHER-TRADES	5	2.241	13.052	7.876	18.561	7.980	7.953	7.669	14.531	7.651	28.116	7.199
429	TEACHER-PHYS. ED.	67	2.391	12.960	10.158	15.270	6.768	6.758	9.716	13.914	6.466	20.196	7.926
431	TEACHER-ART	10	2.368	17.419	9.863	24.053	8.586	11.689	17.513	16.473	8.607	35.643	10.049
432	TEACHER-MUSIC	[illegible]	3.084	10.296	6.887	20.415	9.846	9.413	7.257	14.417	7.898	27.181	9.111
440	TEACHER-HANDICAPPED	12	2.927	15.592	15.741	10.655	7.060	10.431	14.336	12.624	7.090	18.814	7.981
450	SCH. ADMIN. (EXC. COLL.)	63	2.409	14.841	11.421	13.926	5.375	11.225	13.394	10.389	5.778	20.992	8.350
460	COLL/UNIV TCHR (NEC)	214	2.784	15.027	8.486	16.081	6.871	9.219	8.317	13.636	6.890	20.826	9.133
461	COLL/UNIV TCHR-MATH	22	2.586	12.361	11.203	12.673	8.751	9.242	10.480	11.567	8.033	26.982	4.709
462	COLL/UNIV TCHR-SCI	42	3.038	26.369	8.490	16.348	6.855	10.104	12.065	14.001	7.060	18.029	7.264
463	COLL/UNIV TCHR-SOC SCI	51	2.941	15.624	9.894	16.311	7.730	9.379	8.832	13.014	7.163	16.818	9.098
464	COLL/UNIV TCHR-ENGLISH	66	2.649	12.361	3.815	13.505	5.831	10.767	3.676	13.787	6.122	12.653	9.385
470	COLL/UNIV TCHR-ADM	12	2.097	9.798	7.470	18.290	6.447	8.991	7.672	14.373	6.784	21.693	7.748
511	LIBRARIAN	1	2.279	21.396	20.372	17.854	8.958	12.156	20.026	19.376	8.643	10.814	11.315
521	CLERGYMAN	172	2.641	15.982	5.325	15.937	6.164	8.895	5.362	12.875	5.815	17.781	9.595
523	RELIGIOUS WORKER (OTHER)	23	2.999	20.973	11.730	13.900	7.731	8.462	13.100	11.520	7.534	22.059	7.315
531	WRITER (NEC)	21	2.798	12.889	8.721	19.420	9.767	8.278	7.392	12.766	7.750	18.373	8.983
534	JOURNALIST/REPORTER	42	2.579	10.381	9.733	17.995	7.236	9.957	10.184	15.831	7.267	17.163	8.815
537	EDITOR	10	3.155	10.606	7.804	19.367	5.458	8.462	8.155	16.021	5.563	13.191	9.031
541	FINE ARTS	22	2.120	14.125	7.367	17.198	9.022	11.646	5.812	17.543	8.806	24.189	9.892
545	COMM ARTIST	34	2.431	17.209	12.090	20.432	7.976	8.732	11.829	13.099	7.791	16.731	8.671
547	DESIGNER (CONS GOODS)	14	2.033	19.353	3.362	9.144	8.241	10.574	3.674	7.048	6.290	27.536	7.718
551	MUSICIAN	17	2.499	19.138	15.748	20.817	7.699	11.942	14.009	15.423	7.976	36.539	7.496

TABLE 1.1 (continued)

#	GROUP	N	MEANS										
			MTH TST(CD.)										I.I.
			ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH
			B-333	F-410	F-420	F-430	F-440	A-410	A-420	A-430	A-440	A-500	P-701
571	ACTOR	11	3.727	24.000	16.000	34.364	25.545	39.636	20.909	45.636	24.091	61.455	17.182
575	THEATRE (OTHER)	25	3.760	31.480	13.960	24.600	22.520	40.600	16.360	39.480	23.960	53.800	19.120
578	RADIO/TV ANNOUN.	23	3.087	33.348	9.000	25.435	20.870	39.957	14.043	37.087	23.304	57.565	16.609
579	MISC PERF ARTS	10	4.400	33.400	10.800	33.000	25.900	39.800	15.000	47.600	26.500	62.400	19.900
611	PRO ATHLETE	12	4.667	34.167	15.417	33.750	24.250	43.167	17.750	49.083	26.417	59.917	19.917
612	PRO ATHLETICS (AUX)	10	3.300	36.800	10.900	29.800	24.000	44.800	13.800	38.200	25.200	59.000	17.700
621	RECREATION DIR.	14	4.214	34.429	13.714	29.214	20.929	40.429	17.571	41.214	23.071	58.214	19.857
623	FRSTRY, HUNT, TRAP	22	2.955	29.091	9.364	27.091	19.864	37.091	13.909	42.000	21.692	59.500	16.955
631	FARM/RANCH OWNER	123	2.829	25.065	7.293	13.927	20.219	41.813	14.317	39.545	23.455	59.447	17.154
632	FARM/RANCH MGR	9	4.375	34.625	11.625	30.875	21.000	43.125	13.875	42.375	23.250	77.125	21.000
639	FARMING (OTHER)	204	3.338	27.167	7.980	16.515	18.127	41.049	14.392	38.515	22.137	56.819	16.152
640	MILITARY (RANK NOT IND)	51	4.373	26.255	11.549	25.353	22.765	41.471	16.745	39.941	25.471	61.843	22.451
641	MILITARY-ENLISTED	27	2.963	22.556	10.333	19.481	23.704	37.963	15.222	37.704	25.222	64.481	19.778
642	MILITARY-OFFICER	111	6.243	38.820	12.369	30.432	24.306	46.856	18.153	43.153	25.270	59.910	24.964
650	INTELLIGENCE-CIA, ETC.	15	5.067	33.000	13.067	29.533	22.733	42.333	16.933	42.133	24.867	62.133	20.400
661	POLICE (PUBLIC)	188	3.319	26.144	11.245	25.628	21.628	40.505	16.691	41.926	24.372	58.569	18.064
666	FIREMAN	48	2.833	25.104	13.125	25.042	21.688	39.771	17.042	40.875	24.938	63.771	17.979
669	OTHER PROTECTIVE	19	3.684	28.368	7.316	10.789	21.684	39.737	17.421	41.105	25.000	61.789	19.105
711A	BANKING & FINANCE, I	66	3.788	31.803	10.742	22.955	22.030	42.288	15.530	44.894	25.152	55.121	17.242
711B	BANKING & FINANCE, II	114	5.395	34.982	10.816	28.711	22.281	45.789	15.640	42.009	24.491	58.623	22.211
712	INVSTMNT,STOCK CONSULT	15	5.933	40.133	15.667	32.967	24.267	46.533	20.067	43.200	25.600	70.133	24.333
716	CPA	167	5.563	39.922	12.144	30.199	23.036	46.461	17.629	42.030	24.940	56.425	22.880
717	ACCTANT (EXC CPA)	329	4.657	35.210	11.380	29.070	21.760	44.912	16.691	42.793	24.295	57.306	21.772
721	PURCHASING AGENT	40	4.125	36.425	11.825	27.900	22.950	44.325	15.875	42.800	25.600	60.425	23.425
722	RETAIL BUYER	10	4.100	36.100	11.300	25.500	28.100	44.900	16.700	46.300	22.700	57.500	22.900
723	EFFICIENCY EXPERT	130	5.346	35.323	11.254	27.085	22.277	44.769	16.038	41.177	24.615	59.231	25.908
724	ADVERTISING	30	5.267	36.100	11.633	34.200	22.567	45.700	19.067	49.600	25.367	53.433	20.667
725	PUBLIC RELATIONS	44	4.545	36.886	12.455	32.795	22.295	45.977	18.909	44.068	25.614	58.568	18.932
726	PERSONNEL ADMIN	72	4.944	36.597	12.472	27.431	22.431	44.764	19.611	41.986	25.458	56.292	21.750
727	APPRAISING/ESTIMATING	35	4.429	33.371	11.900	29.514	22.086	42.286	17.171	40.486	24.771	53.743	20.829
728	LOAN/CREDIT INVESTIG	27	4.185	32.889	14.370	34.407	23.704	42.074	20.370	44.926	25.926	63.704	19.852
730	BUS MGMT/ADMIN (NEC)	514	4.560	35.346	11.761	28.329	23.140	44.319	17.069	41.001	25.350	58.823	22.491
731	MFG MGMT	55	5.345	32.127	12.782	29.218	24.164	45.364	19.382	44.055	24.818	59.600	23.218
732	WHSL/RET TRADE MGMT/MKTG	204	4.618	33.240	12.093	28.475	22.240	44.515	17.681	42.417	25.113	59.642	21.500
738	SUPERVISOR IN BUS	53	2.887	27.094	9.679	22.509	21.509	41.283	14.025	39.491	24.792	55.057	19.245
741	SALESCLERK	27	3.000	19.519	8.481	22.259	20.778	39.519	13.444	41.667	23.074	62.481	16.148
743	STOCKBROKER	17	4.529	36.118	11.941	25.765	23.824	45.059	16.765	39.000	26.529	59.588	24.353
745	REAL EST SLSMAN	24	4.292	29.583	12.833	25.500	24.333	39.083	22.417	43.833	27.333	57.083	18.583
746	INSURANCE SLSMAN	69	4.058	30.058	11.841	26.232	23.928	42.928	17.783	43.391	26.710	60.899	18.478
747	AUTO SLSMAN	11	2.727	27.182	6.545	14.636	15.636	37.727	15.636	39.000	19.273	62.273	15.000
748	OTHER SLSMAN (NEC)	327	3.969	31.471	10.590	25.144	22.783	41.661	16.615	40.326	25.138	57.333	19.994
749	SALES MGR	63	4.397	33.651	12.397	24.508	23.429	43.683	16.302	42.095	25.714	54.302	20.984
751	BOOKKEEPER	12	3.333	35.333	15.500	27.583	20.167	40.667	19.667	39.917	22.833	57.750	23.250
755	MISC ACCT RECDG	13	2.769	27.769	7.923	16.769	19.231	41.308	15.154	37.692	21.385	61.385	16.462
758	COMPUTER OPERATOR	97	3.165	29.866	10.588	23.495	21.093	41.371	16.423	42.588	24.082	59.062	19.031
769	CLERK (MISC)	23	3.174	33.217	13.043	25.609	22.087	41.391	17.913	40.739	24.435	63.261	17.826
772	OFFICE MGR	21	4.095	27.810	11.810	28.381	22.714	44.762	24.381	48.381	26.810	53.238	19.190
789	OTHER "PUB CONTACT" OCCS	10	3.400	27.800	7.200	18.000	22.300	46.200	16.200	39.200	25.100	54.200	17.000
791	RADIO, TELEGR, TTY OP	16	3.000	21.000	7.125	25.063	22.438	39.250	13.125	41.063	25.688	50.438	20.188
796	MAIL CARRIER	20	3.400	32.350	6.200	28.500	22.450	44.250	18.600	47.700	27.250	55.500	20.750
797	MISC CLERICAL	108	3.056	24.491	8.574	22.111	21.843	39.630	15.944	38.926	25.046	55.435	19.519
798	MISC ADMINISTRATIVE	59	4.068	30.542	11.949	26.508	22.085	44.508	17.508	43.390	24.932	63.322	20.068
810	ELECTRICIAN	211	3.171	26.905	10.967	24.005	22.327	39.246	16.166	40.100	25.123	59.536	20.564
811	ELECTRONIC TECHNICIAN	258	4.074	31.391	10.682	23.000	22.391	41.004	15.636	38.287	24.640	56.019	23.039
812	APPLIANCE REPAIR	51	3.333	29.118	11.275	20.824	20.196	39.863	15.863	34.941	23.982	52.980	20.333
813	PHONE INSTALL & REPAIR	53	4.208	24.302	12.340	23.000	22.208	40.755	15.151	39.623	24.283	61.962	19.906
814	REPAIR AND SERV COMP	40	3.750	25.550	11.175	24.050	23.200	41.650	17.225	39.950	26.450	57.400	23.525
820	MECHANIC (NEC)	133	3.045	24.226	10.090	16.383	21.707	33.391	15.774	39.639	24.639	63.[illegible]	19.286
821	AUTO MECHANIC	112	2.946	24.625	8.786	18.696	20.563	38.804	13.599	36.232	22.[illegible]	57.[illegible]	19.232
822	AIRPLANE MECHANIC	101	3.198	22.238	11.129	21.970	23.337	39.347	18.455	42.248	25.[illegible]	59.297	20.485
823	OFFICE MACH REPAIR	14	3.786	25.857	7.643	14.000	22.929	40.714	15.500	40.286	26.643	56.000	22.071
824	IND MACH REPAIR	28	3.143	16.071	9.679	23.893	24.679	41.643	18.821	40.750	27.464	56.321	19.071
828	MACHINIST	276	3.406	27.203	9.786	22.083	21.844	40.971	16.170	38.967	24.554	57.388	20.207
831	CABINET MAKER	11	1.636	23.727	7.273	17.636	19.455	36.455	13.273	42.000	23.455	51.818	14.273
832	CARPENTER	63	2.556	23.143	10.492	19.333	21.762	38.000	15.857	41.175	25.095	62.349	17.130
833	METAL TRADES	119	2.933	23.899	9.219	21.571	21.857	38.622	16.008	40.966	24.966	60.218	19.378
834	BRKLYR, MASON, PTR, RFR	66	2.727	21.197	6.697	19.682	20.939	36.773	13.424	41.167	23.758	64.545	17.136
835	PLUMBER, PIPEFITTER	91	3.099	22.554	10.630	21.977	22.272	40.630	17.716	42.272	25.173	59.642	17.901
836	HEAVY EQUIP OP	42	3.214	27.571	10.548	20.976	21.167	38.429	14.981	38.976	24.024	54.619	19.690
837	MISC BLDG & CONST	43	3.047	26.442	9.767	21.349	21.070	38.256	15.744	40.233	23.907	54.907	19.884
838	MINING, QUARRYING, DRLNG	12	2.833	11.167	5.500	9.250	17.750	38.500	12.333	44.250	24.083	59.167	21.250
841	PILOT	164	5.238	33.951	12.055	28.719	23.451	43.927	17.799	41.085	25.492	56.421	23.982
843	AIRPLANE NAVIGATOR	10	6.600	36.900	16.000	32.400	25.300	45.300	20.400	42.400	25.500	56.000	24.200
848	AIR TRAFFIC CONTROLLER	10	4.200	32.700	13.500	31.700	21.100	41.900	19.100	43.300	24.700	73.600	23.000
851	MERCHANT MARINE OCC	14	3.786	27.786	11.286	21.429	20.286	38.929	16.857	35.429	23.143	52.714	24.643
852	RAILROAD OCCS	22	2.455	25.955	12.273	25.909	23.000	39.227	19.636	43.364	25.273	58.545	18.045
853	AUTO, BUS, TRUCK DRIVER	91	2.659	22.231	10.209	20.978	20.692	38.055	16.758	38.956	23.769	60.187	16.451
861	PRINTING TRADES	104	2.962	25.904	9.163	24.250	21.019	39.481	15.125	41.096	24.231	53.192	18.115
863	SURVEYOR	20	4.700	21.100	5.300	16.800	20.200	40.700	14.800	39.400	23.300	53.400	20.050
864	DRAFTSMAN	134	3.582	27.881	12.724	26.537	23.201	40.418	17.366	42.597	26.187	59.821	22.201
865	PHOTOGRAPHY	37	4.351	23.946	9.378	20.865	21.784	38.541	16.676	42.162	25.243	52.000	23.595
866	INTERIOR DECORATOR	8	4.000	19.000	6.125	27.375	23.000	31.500	14.375	43.375	26.000	56.000	24.125
867	LANDSCAPE ARCH	9	5.333	23.667	10.333	28.222	20.889	41.889	17.000	43.778	25.667	64.778	22.111
881	FOOD & BEVERAGE PREP	20	3.200	19.000	7.000	26.450	19.550	39.000	14.900	41.850	23.050	58.400	21.500
885	BUTCHER, MEAT CUTTER	35	3.486	23.629	6.886	14.343	18.914	39.400	15.686	36.171	22.629	59.029	18.286
891	MISC PERSONAL SERV	8	2.250	7.500	8.750	26.125	19.250	35.000	14.500	41.625	25.500	73.500	25.875
892	BARBER	29	2.414	14.897	9.414	19.310	17.138	37.517	15.552	37.241	22.103	57.241	14.345
893	HAIRDRESSER	18	2.722	25.833	11.278	26.500	21.167	38.278	15.389	44.944	23.056	54.111	13.722
899	GENERAL LABORER	314	3.073	22.296	9.255	19.261	20.022	39.695	15.906	38.917	23.736	60.048	17.465
	TOTAL	14570	4.579	31.614	10.804	25.809	22.289	43.063	16.578	41.262	24.939	57.436	21.936

TABLE 1.1 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			MTH TST(CD.)										I.I.
			ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH
			R-333	F-410	F-420	F-430	F-440	A-410	A-420	A-430	A-440	A-500	P-701
571	ACTOR	11	2.494	26.476	19.136	15.731	6.378	11.595	17.335	15.705	6.964	21.815	6.882
575	THEATRE (OTHER)	20	2.712	13.620	10.354	21.865	7.400	9.060	10.242	18.757	7.770	15.067	9.519
578	RADIO/TV ANNOUN.	23	1.881	9.819	7.058	19.348	7.156	7.801	5.338	14.206	7.326	21.339	9.479
579	MISC PERF ARTS	10	2.547	11.286	3.795	19.044	8.279	7.815	4.830	19.340	8.502	13.914	7.460
611	PRO ATHLETE	12	3.025	12.408	9.060	17.184	8.148	7.566	9.640	19.162	8.382	21.411	9.376
612	PRO ATHLETICS (AUX)	10	2.312	12.831	4.158	14.258	5.518	8.854	5.554	14.444	5.493	23.381	4.473
621	RECREATION DIR.	14	2.045	11.420	8.704	14.714	5.356	10.105	7.623	7.992	5.298	22.433	7.305
623	FRSTRY, HUNT, TRAP	22	2.420	10.823	5.577	24.821	5.419	9.144	5.580	19.337	6.410	25.733	8.780
631	FARM/RANCH OWNER	123	1.773	25.098	7.182	19.387	7.095	10.013	6.946	13.874	6.452	24.210	7.999
632	FARM/RANCH MGR	9	3.292	7.855	3.420	16.949	5.182	5.139	3.357	16.970	5.701	45.120	9.212
639	FARMING (OTHER)	204	1.980	21.800	8.350	22.558	7.582	9.910	8.544	14.170	6.385	25.166	7.606
640	MILITARY (RANK NOT IND)	51	2.757	26.977	13.558	20.062	8.361	13.238	13.199	16.430	7.103	31.849	8.728
641	MILITARY-ENLISTED	27	1.285	16.268	13.188	16.801	7.936	10.364	12.267	12.655	8.308	30.020	7.767
642	MILITARY-OFFICER	111	2.781	12.028	8.679	16.887	7.395	9.980	10.690	14.672	7.712	25.465	7.477
650	INTELLIGENCE-CIA, ETC.	15	2.712	13.475	7.620	18.177	5.898	11.598	7.056	14.721	5.527	23.808	7.405
661	POLICE (PUBLIC)	180	2.224	21.367	10.642	19.787	8.266	10.570	9.929	16.111	8.161	23.147	8.347
666	FIREMAN	43	2.282	22.460	13.214	25.373	9.100	8.491	12.207	18.317	8.948	32.323	8.898
669	OTHER PROTECTIVE	19	1.734	12.415	13.507	21.880	6.667	8.691	16.157	19.930	9.220	30.996	10.187
711A	BANKING & FINANCE, I	66	2.284	15.322	7.218	23.490	8.150	7.473	5.897	14.986	7.145	18.684	8.010
711B	BANKING & FINANCE, II	114	2.770	21.752	5.491	19.115	7.304	8.490	5.550	14.648	6.889	24.785	9.272
712	INVSTMNT,STOCK CONSULT	15	2.764	11.643	17.352	15.094	6.296	9.387	16.727	13.528	7.219	31.762	7.078
716	CPA	157	2.624	11.446	9.366	18.413	7.244	9.149	9.324	14.205	6.951	22.540	7.711
717	ACCTANT (EXC CPA)	320	2.608	15.423	8.280	20.679	7.559	9.343	8.393	14.692	6.840	23.313	8.332
721	PURCHASING AGENT	40	2.738	14.653	7.278	17.867	6.965	9.480	7.419	13.352	6.683	17.405	7.161
722	RETAIL BUYER	10	2.726	14.043	5.677	18.489	7.824	12.922	7.103	18.178	8.420	22.604	7.249
723	EFFICIENCY EXPERT	120	2.693	14.065	6.365	17.495	6.772	9.162	6.150	13.680	6.080	23.727	7.797
724	ADVERTISING	30	2.716	14.425	9.061	17.602	11.100	9.433	11.539	14.083	8.475	14.871	10.810
725	PUBLIC RELATIONS	44	2.583	13.840	11.915	17.580	7.030	7.852	11.648	15.627	6.631	25.617	8.885
726	PERSONNEL ADMIN	72	2.385	11.351	11.331	17.448	8.234	8.972	11.289	14.140	6.877	17.400	8.546
727	APPRAISING/ESTIMATING	35	1.975	13.933	9.305	18.963	7.039	9.993	11.495	16.380	6.325	21.239	9.335
728	LOAN/CREDIT INVESTIG	27	2.254	13.796	17.321	18.253	9.478	7.879	16.177	16.719	8.965	21.882	7.399
730	BUS MGMT/ADMIN (NEC)	514	2.674	15.655	9.857	17.884	7.522	8.947	9.552	14.353	7.425	21.762	8.254
731	MFG MGMT	55	2.952	19.963	11.900	18.805	7.613	11.971	11.100	15.178	7.240	18.169	8.937
73.	WHSL/RET TRADE MGMT/MKTG	204	2.550	17.582	10.071	17.490	7.361	9.392	9.522	14.199	7.008	24.586	8.300
738	SUPERVISOR IN BUS	53	1.857	20.375	6.173	15.387	8.154	9.080	6.117	14.889	6.726	20.838	8.176
741	SALESCLERK	27	1.941	31.282	5.618	20.808	9.460	13.224	7.078	18.580	9.876	21.378	7.912
743	STOCKBROKER	17	2.764	13.901	6.280	15.127	7.091	10.609	6.505	8.937	6.424	27.242	5.989
745	REAL EST SLSMAN	24	2.156	14.428	11.107	27.942	8.756	8.309	16.839	18.201	9.389	22.581	6.698
746	INSURANCE SLSMAN	63	2.222	14.926	12.880	18.352	8.281	10.467	12.457	15.728	8.353	24.185	7.441
747	AUTO SLSMAN	11	2.649	17.469	16.152	27.807	9.190	10.326	14.746	22.086	9.655	25.227	3.768
748	OTHER SLSMAN (NEC)	327	2.270	14.464	10.488	17.420	7.473	9.640	10.825	14.596	7.329	24.442	8.410
749	SALES MGR	63	2.352	12.914	6.904	17.354	6.596	8.161	7.179	13.988	6.134	21.315	8.429
751	BOOKKEEPER	12	1.435	10.508	13.132	15.495	4.174	8.435	10.138	12.340	6.408	16.388	8.698
755	MISC ACCT RECDG	13	1.739	23.910	8.341	19.223	5.341	12.352	6.203	12.533	5.393	18.967	7.299
758	COMPUTER OPERATOR	97	2.515	19.351	7.963	22.824	8.718	10.210	7.791	15.436	7.176	20.136	8.977
769	CLERK (MISC)	23	1.969	11.958	13.092	16.470	7.710	9.302	13.066	13.305	7.235	27.978	8.021
772	OFFICE MGR	21	2.644	26.506	13.434	23.972	9.621	9.486	16.750	18.261	5.997	16.413	7.646
789	OTHER "PUB CONTACT" OCCS	10	2.119	32.131	6.088	23.219	5.651	10.174	7.480	11.915	4.864	21.007	7.272
791	RADIO, TELEGR, TTY OP	16	2.033	27.320	7.201	11.334	7.481	7.946	3.519	15.610	8.799	33.653	9.268
796	MAIL CARRIER	20	1.847	16.547	12.094	27.634	10.134	8.443	13.465	18.422	8.775	13.165	7.025
797	MISC CLERICAL	108	2.170	24.135	10.824	19.621	8.492	9.257	10.329	15.481	8.045	20.440	7.588
798	MISC ADMINISTRATIVE	50	2.592	26.301	12.796	18.898	8.224	11.130	11.602	15.492	6.680	23.001	8.428
810	ELECTRICIAN	211	2.212	15.563	11.459	19.419	8.841	10.207	11.964	16.899	8.208	24.995	7.871
811	ELECTRONIC TECHNICIAN	253	2.269	14.598	8.785	17.602	8.014	8.636	8.832	13.826	7.509	22.213	7.353
812	APPLIANCE REPAIR	51	2.389	12.807	10.997	16.020	9.986	8.872	10.288	12.925	7.171	23.073	8.361
813	PHONE INSTALL & REPAIR	53	2.178	20.022	11.561	16.912	8.831	9.507	11.851	15.018	8.813	31.206	7.383
814	REPAIR AND SERV COMP	40	2.239	25.006	7.739	18.474	7.771	11.137	10.981	17.029	7.421	22.428	9.331
820	MECHANIC (NEC)	132	1.854	21.796	10.760	21.842	7.891	8.948	9.780	16.380	7.620	31.568	8.238
821	AUTO MECHANIC	112	1.830	19.247	5.815	17.889	6.795	9.281	5.531	13.122	6.760	28.787	7.905
822	AIRPLANE MECHANIC	101	1.673	17.118	13.976	22.636	7.641	10.706	14.808	16.628	7.973	23.211	8.062
823	OFFICE MACH REPAIR	14	3.965	23.677	7.239	12.533	10.081	5.608	7.643	12.431	8.802	22.357	10.336
824	IND MACH REPAIR	23	2.337	33.318	16.896	24.318	8.341	13.685	16.111	16.581	7.979	26.423	6.901
828	MACHINIST	276	2.026	20.993	11.346	19.305	8.165	9.597	10.445	14.731	7.867	22.098	7.380
831	CABINET MAKER	11	1.206	15.140	5.042	10.874	7.353	9.606	4.496	17.821	5.768	18.099	6.373
832	CARPENTER	63	1.776	18.834	13.058	20.624	10.671	10.389	13.374	15.409	8.579	31.844	7.775
833	METAL TRADES	119	1.619	17.032	10.426	24.010	8.047	8.837	10.673	16.162	7.716	25.403	7.219
834	BRKLYR, MASON, PTR, RFR	66	1.535	19.268	9.901	23.902	9.344	8.582	10.109	17.227	8.620	32.459	8.611
835	PLUMBER, PIPEFITTER	91	2.022	25.658	12.386	20.725	8.759	10.638	12.097	17.151	8.272	26.919	7.427
836	HEAVY EQUIP OP	42	2.136	11.789	7.154	18.389	7.102	9.002	7.578	16.596	8.318	20.605	8.110
837	MISC BLDG & CONST	43	1.812	17.933	11.088	20.859	7.729	8.586	10.764	17.537	7.724	22.194	8.475
838	MINING, QUARRYING, DRLNG	12	1.749	42.823	7.367	31.852	8.465	14.576	6.140	20.041	7.845	18.364	7.956
841	PILOT	164	2.600	14.108	11.615	17.901	7.171	7.985	11.741	15.020	7.012	23.444	7.787
843	AIRPLANE NAVIGATOR	10	2.366	11.190	18.523	17.908	9.546	4.968	18.863	17.958	10.102	28.651	6.033
848	AIR TRAFFIC CONTROLLER	10	3.327	14.930	11.453	14.728	6.385	12.922	12.161	17.010	5.677	34.458	7.916
851	MERCHANT MARINE OCC	14	1.762	12.992	9.211	14.970	5.850	6.342	11.805	11.291	6.125	19.781	7.672
852	RAILROAD OCCS	22	2.017	19.365	15.773	20.591	9.725	12.743	14.763	21.478	9.934	21.740	7.780
853	AUTO, BUS, TRUCK DRIVER	91	1.593	21.681	14.535	19.686	7.764	10.686	14.885	16.200	6.536	29.147	7.367
861	PRINTING TRADES	104	2.216	23.205	8.410	18.154	8.226	9.548	8.595	15.001	6.954	20.138	7.935
863	SURVEYOR	20	2.793	32.303	13.933	17.465	7.571	11.770	14.152	13.457	7.153	15.853	6.977
864	DRAFTSMAN	134	2.255	15.253	12.911	19.529	7.421	8.180	12.521	15.794	6.970	26.443	8.327
865	PHOTOGRAPHY	37	2.574	22.751	11.598	29.368	10.703	10.482	11.166	16.661	7.994	18.738	7.577
866	INTERIOR DECORATOR	8	2.000	18.439	10.162	28.795	9.487	14.432	7.269	19.928	8.602	19.618	6.686
867	LANDSCAPE ARCH	9	2.500	20.543	4.924	20.873	6.972	10.055	4.555	17.908	6.325	30.186	8.767
881	FOOD & BEVERAGE PREP	20	1.673	21.538	7.993	18.579	9.322	8.950	5.077	16.037	8.069	25.197	7.193
885	BUTCHER, MEAT CUTTER	35	2.049	21.975	11.326	23.205	6.883	9.956	11.839	13.037	6.873	26.798	8.035
891	MISC PERSONAL SERV	8	1.035	31.825	10.512	27.005	10.820	7.964	9.739	20.948	9.024	35.055	7.492
892	BARBER	29	1.918	29.656	15.869	17.937	7.105	13.755	13.752	12.853	5.691	17.472	7.802
893	HAIRDRESSER	18	1.776	14.313	5.421	23.124	7.172	7.266	5.521	13.238	6.838	12.513	8.683
899	GENERAL LABORER	314	2.017	23.655	11.468	20.699	8.287	10.258	11.024	15.121	7.918	26.889	7.786
	TOTAL	14572	2.802	19.126	9.865	19.329	7.866	10.020	9.760	14.867	7.330	23.420	8.770

TABLE 1.1 (continued)

#	GROUP	N	MEANS										
			INTEREST INVENTORY (CONTD.)										
			BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE	ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION
			P-702	P-703	P-704	P-705	P-706	P-707	P-708	P-709	P-710	P-711	P-712
000	NO ANSWER	1766	19.503	17.911	15.954	15.981	16.837	14.151	26.055	27.042	19.700	16.464	15.029
001	DON'T KNOW	734	17.937	17.041	15.610	15.181	16.010	12.542	26.026	27.380	19.608	16.988	15.310
101	EXECUTIVE (NEC)	59	19.797	19.381	16.305	16.034	15.763	13.525	27.373	26.441	21.254	18.102	18.271
102	FOREMAN (NEC)	103	16.680	15.214	13.641	14.990	14.893	11.087	27.913	30.136	19.796	16.495	16.688
111	WORK FOR GOVT (NEC)	49	17.204	18.571	16.531	16.980	17.102	13.327	25.490	25.571	20.551	17.765	16.061
112	IN BUS. FOR SELF (NEC)	255	16.537	17.549	13.624	14.310	15.671	11.361	26.129	27.031	20.231	17.702	15.882
120	IND., BUS., COMM. (NEC)	161	18.298	18.739	15.267	14.950	15.180	13.280	27.155	27.354	20.770	17.925	15.925
121	RETAIL (NEC)	22	19.727	18.727	16.918	13.955	17.000	11.136	24.591	29.136	19.500	19.364	17.727
122	TRANSPORTATION (NEC)	16	17.438	17.500	13.313	13.500	13.125	12.625	26.188	27.563	20.688	17.875	19.500
123	REAL ESTATE(NEC)	9	20.889	23.333	18.778	15.778	19.111	15.000	29.222	27.889	22.111	20.333	14.333
124	INSURANCE (NEC)	24	18.500	20.625	19.333	18.750	19.125	14.083	27.708	25.583	22.917	22.417	20.625
125	ELECTRONICS (NEC)	113	19.053	15.779	13.434	14.646	16.770	13.168	25.858	27.664	18.345	15.106	15.841
211	MATH., STAT.	42	19.976	20.714	17.976	15.786	16.667	14.214	27.286	22.619	19.333	16.095	20.167
212	OTHER STATISTICS	10	21.400	21.400	11.500	12.400	15.100	3.900	30.500	26.100	20.200	15.200	22.200
221	SYSTEMS ANALYST	56	22.036	21.339	16.268	15.464	14.732	11.089	27.500	23.661	20.536	16.696	22.214
222	COMPUTER PROG.	173	18.676	16.370	14.902	15.040	15.913	13.220	26.723	25.428	18.410	14.919	17.734
229	COMPUTER SPEC. (NEC)	38	19.632	16.553	16.342	14.158	16.474	14.711	26.711	26.079	17.947	15.395	19.184
230	PHYS. SCI. (NEC)	16	21.000	14.000	14.375	12.688	19.938	12.750	21.188	24.125	17.688	12.813	15.438
231	CHEMIST	93	24.258	17.570	16.462	14.172	15.161	11.957	26.688	26.677	17.355	14.785	17.151
232	PHYSICIST	53	23.377	17.019	19.113	13.264	17.528	15.774	24.358	24.302	17.566	14.057	18.943
234	GEOLOGIST	22	18.727	13.319	14.636	13.091	16.273	10.136	24.964	27.409	17.182	13.864	14.918
240	ENGINEER (NEC)	243	21.206	17.989	15.242	14.347	17.315	12.206	26.302	25.161	19.222	15.069	18.226
241	CIVIL ENGINEER	97	20.660	16.443	14.660	15.165	17.835	13.742	27.000	26.577	19.113	15.567	18.495
242	ELEC. ENGINEER	234	21.816	16.885	14.769	13.568	16.654	13.749	24.659	25.004	18.581	14.423	17.996
243	MECH. ENGINEER	139	20.403	17.885	14.777	15.259	17.338	12.007	26.979	26.914	18.964	14.446	18.324
244	AERONAUTICAL ENG.	40	22.425	17.525	15.950	13.225	13.175	11.550	27.800	26.175	18.625	12.775	18.275
245	CHEM. ENGINEER	48	24.792	19.698	16.917	15.625	17.208	10.813	25.188	24.667	19.229	14.667	17.729
250	ARCHITECT	64	22.063	19.953	17.234	14.016	24.359	16.641	26.406	25.266	19.328	16.172	15.516
299	PHYS. SCI., LAB TECH.	100	18.850	19.050	15.240	15.240	16.200	12.100	28.020	27.890	19.880	16.680	16.740
310	BIOLOGIST, ZOOLOGIST	48	25.896	17.167	15.917	15.250	13.667	14.104	26.917	31.542	18.042	13.625	14.208
313	SPEC. IN AGRIC. SCI.	33	22.909	16.273	15.545	16.545	14.485	13.758	28.567	32.636	18.667	15.455	15.495
314	WLDLF/FOREST SPEC.	43	21.186	15.000	13.814	14.442	15.395	11.930	27.791	34.907	17.419	13.605	14.000
316	MICROBIOLOGIST	9	30.667	18.222	19.778	17.333	13.667	11.667	26.222	31.556	18.000	17.111	18.333
317	BIOCHEMIST	10	29.700	14.300	16.900	16.000	18.700	18.300	23.300	24.900	14.500	10.900	13.400
322	MD-SURGEON	8	31.750	22.750	15.250	19.000	13.625	10.250	20.625	22.000	16.500	11.875	17.125
329	MD-OTHER	186	30.263	21.989	19.527	17.339	17.516	14.387	27.516	24.323	19.317	15.102	16.742
332	DENTIST	92	28.750	21.837	17.261	17.304	17.685	13.783	28.283	25.533	20.750	16.652	17.011
333	VETERINARIAN	30	23.100	17.933	12.200	14.200	12.033	6.300	30.133	34.233	17.533	14.333	16.333
335	PHARMACIST	89	25.787	21.303	18.483	17.483	17.517	14.955	25.584	25.056	20.596	17.438	19.090
336	OPTOMETRIST	14	25.929	19.214	16.643	13.929	13.929	12.214	25.929	29.071	16.786	15.929	15.929
337	RN	8	23.500	16.625	16.125	19.875	17.250	21.125	19.125	23.500	15.500	18.125	12.250
345	CHIROPRACTOR	9	23.889	18.556	15.222	15.667	15.556	15.556	26.556	29.111	22.556	20.333	18.889
347	MED/DENT TECHNOL.	15	23.933	17.067	16.467	16.800	13.867	12.667	25.467	27.200	15.667	12.800	13.200
348	MED/DENT TECHNICIAN	31	21.613	14.161	15.548	16.194	13.290	13.452	26.710	26.516	19.548	17.935	14.968
350	HOSPITAL ADMIN.	13	25.538	14.538	16.846	17.154	15.923	11.077	25.615	29.615	21.000	15.308	16.077
360	PSYCHOLOGIST	94	23.681	19.021	20.245	16.777	19.340	19.628	26.596	25.064	19.181	15.287	16.096
370	SOCIAL WORKER	65	22.215	22.615	21.569	20.246	19.492	17.831	28.215	25.277	21.508	17.908	17.000
372	COUNSELING/GUIDANCE	10	21.500	19.200	22.400	18.500	25.500	23.500	27.700	30.000	22.300	20.500	17.100
373	VOC/ED GUIDANCE	42	23.548	21.714	21.738	22.619	19.619	17.286	27.452	22.143	21.667	19.667	18.000
382	ECONOMIST	32	24.063	24.156	18.656	16.063	19.250	12.781	26.375	25.813	21.500	17.281	17.719
389	SOC. SCI. (MISC)	31	21.258	23.355	19.806	18.097	19.000	12.968	26.903	26.516	20.290	18.516	16.774
391	POLITICIAN	16	20.875	26.250	20.688	20.688	15.438	12.875	22.500	22.188	21.500	17.875	16.500
392	DIPLOMAT	21	23.381	24.048	22.095	17.857	19.143	15.476	28.714	26.381	20.333	16.619	16.286
393	LAWYER	342	23.231	27.746	21.980	17.582	17.067	15.143	28.219	24.304	22.930	19.354	17.556
394	MARKET ANALYST	15	23.800	20.400	17.267	15.333	19.000	14.133	29.733	25.800	22.067	20.533	17.200
397	PUBLIC ADM (NEC)	16	19.188	26.688	22.125	17.500	19.313	19.438	22.938	25.000	20.813	17.250	14.938
398	CITY PLANNER (NEC)	21	21.619	25.286	21.095	17.524	21.810	13.857	27.190	24.238	22.333	16.952	17.762
400	TEACHER (NEC)	478	21.082	19.222	17.751	18.738	16.856	14.203	28.333	26.385	20.042	15.983	16.297
412	TEACHER-ELEM.	53	22.792	19.641	18.925	21.094	18.887	17.717	29.208	27.679	20.943	19.189	19.849
420	TEACHER-HS (NEC)	98	20.571	19.153	17.531	18.653	16.898	14.551	28.329	26.796	19.735	16.531	16.561
421	TEACHER-HS MATH	65	21.400	18.692	16.338	18.969	16.446	12.246	30.154	27.246	20.246	15.062	20.508
422	TEACHER-HS SCIENCE	68	24.529	17.574	16.412	17.559	16.559	15.250	26.706	27.059	18.059	15.485	15.029
423	TEACHER-HS SOC. ST.	85	20.765	23.376	19.306	19.906	17.482	14.353	29.376	28.071	21.647	18.518	17.706
424	TEACHER-ENGLISH	38	21.816	21.421	22.368	20.026	18.868	20.421	24.184	22.132	21.289	19.263	16.658
425	TEACHER-FOR. LANG.	14	22.643	21.143	23.571	22.786	17.786	20.786	23.929	19.571	21.286	19.000	16.286
426	TEACHER-COMM. ED.	14	23.143	23.000	19.000	23.643	17.429	16.429	27.571	21.143	23.000	21.643	24.286
428	TEACHER-TRADES	50	20.460	18.480	14.880	17.600	18.420	13.400	30.640	30.280	22.200	17.280	17.300
429	TEACHER-PHYS. ED.	57	18.982	17.561	15.105	17.789	14.825	12.263	32.842	28.105	19.842	18.456	15.877
431	TEACHER-ART	12	18.167	13.417	19.167	15.667	30.667	23.167	22.417	23.333	14.167	11.000	11.000
432	TEACHER-MUSIC	30	19.100	17.100	20.633	20.133	21.067	35.833	21.633	20.833	18.533	14.933	15.367
440	TEACHER-HANDICAPPED	12	21.000	27.000	24.167	23.667	22.750	20.167	24.250	19.750	22.583	21.167	16.417
450	SCH. ADMIN. (EXC. COLL.)	45	21.222	23.222	19.133	22.022	15.622	17.222	29.467	23.156	21.889	19.867	16.378
460	COLL/UNIV TCHR (NEC)	214	22.748	23.336	22.425	19.388	20.047	18.290	25.808	23.710	20.855	16.584	16.846
461	COLL/UNIV TCHR-MATH	30	23.267	16.233	23.133	19.167	18.100	17.300	27.467	23.167	19.400	15.367	21.633
462	COLL/UNIV TCHR-SCI	48	28.083	21.646	21.146	18.333	19.979	20.563	27.771	29.167	19.313	15.104	18.875
463	COLL/UNIV TCHR-SOC SCI	81	23.716	27.519	23.926	18.815	17.975	16.877	26.864	23.309	21.543	18.494	15.938
464	COLL/UNIV TCHR-ENGLISH	44	20.659	19.864	23.909	16.068	18.841	18.114	23.727	22.091	19.727	16.273	14.227
470	COLL/UNIV TCHR-ADM	13	19.462	21.615	21.769	24.154	18.000	17.846	30.385	26.615	23.846	19.462	15.846
511	LIBRARIAN	9	21.667	29.444	27.333	25.667	23.889	26.111	17.778	18.556	23.667	20.222	17.333
521	CLERGYMAN	177	19.960	18.859	21.130	23.757	18.395	18.610	24.740	23.237	18.859	15.633	16.130
523	RELIGIOUS WORKER (OTHER)	23	18.435	19.391	18.913	21.478	19.130	13.391	29.391	26.609	17.478	14.826	18.696
531	WRITER (NEC)	21	21.571	16.143	22.429	19.238	20.714	14.810	24.190	25.333	20.429	16.762	17.095
534	JOURNALIST/REPORTER	43	14.860	17.930	21.977	16.209	15.116	16.442	25.744	20.977	17.791	14.419	14.535
537	EDITOR	10	19.900	23.500	22.200	16.600	15.100	16.800	24.900	17.400	21.000	19.700	15.100
541	FINE ARTS	22	18.091	19.727	20.364	13.364	31.136	16.955	24.864	26.682	16.955	13.909	11.773
545	COMM ARTIST	54	17.500	15.704	16.111	15.463	30.204	15.722	26.204	27.500	18.463	15.389	12.296
547	DESIGNER (CONS GOODS)	14	20.571	15.786	15.000	15.714	16.929	14.214	25.143	29.071	19.857	17.214	12.286
551	MUSICIAN	17	17.176	13.235	17.882	15.941	18.529	35.706	22.000	18.706	16.176	13.647	14.059

TABLE 1.1 (continued)

			STANDARD DEVIATIONS										
			INTEREST INVENTORY (CONTD.)										
#	GROUP	N	BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE	ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION
			P-702	P-703	P-704	P-705	P-706	P-707	P-708	P-709	P-710	P-711	P-712
000	NO ANSWER	1766	9.872	12.010	8.278	7.494	9.197	10.844	9.201	10.401	7.534	9.940	8.138
001	DON'T KNOW	736	8.959	11.536	7.907	7.284	8.822	9.692	9.373	9.948	7.401	8.578	7.989
101	EXECUTIVE (NEC)	54	8.533	11.126	6.642	6.968	7.682	10.212	9.305	9.538	7.051	10.364	8.765
102	FOREMAN (NEC)	103	7.832	9.722	7.577	6.812	8.578	9.872	8.634	8.959	6.862	8.251	8.249
111	WORK FOR GOVT (NEC)	42	9.108	12.831	8.065	8.053	9.454	9.967	8.993	9.493	8.500	9.932	8.543
112	IN BUS. FOR SELF (NEC)	255	9.379	12.286	7.535	6.969	8.836	10.028	9.690	10.279	7.438	8.919	8.395
120	IND., BUS., COMM. (NEC)	151	9.955	11.632	7.933	6.886	8.334	9.778	8.986	9.638	6.690	9.103	8.606
121	RETAIL (NEC)	22	9.264	13.819	6.515	6.418	7.290	7.748	8.650	9.265	7.190	10.495	7.784
122	TRANSPORTATION (NEC)	16	9.733	12.775	6.019	6.653	7.384	12.430	11.161	9.736	7.171	7.182	7.457
123	REAL ESTATE(NEC)	9	11.418	10.112	6.399	6.078	7.753	9.165	8.212	12.474	7.407	10.630	7.550
124	INSURANCE (NEC)	26	7.876	9.659	9.030	5.194	9.018	10.685	7.641	8.526	5.978	6.365	6.612
125	ELECTRONICS (NEC)	113	8.516	11.035	7.126	6.258	8.409	10.299	9.795	10.572	7.328	8.496	7.837
211	MATH., STAT.	42	9.827	10.379	7.213	5.457	8.063	10.230	8.821	8.939	7.046	8.745	7.170
212	OTHER STATISTICS	10	9.513	10.035	4.649	6.653	6.173	5.029	5.149	10.682	5.903	7.829	9.670
221	SYSTEMS ANALYST	56	10.014	11.609	7.705	7.229	7.785	10.419	7.284	9.869	8.084	8.778	7.567
222	COMPUTER PROG.	173	9.323	11.808	8.167	6.871	9.110	11.162	8.930	10.184	7.219	8.586	8.840
229	COMPUTER SPEC. (NEC)	39	10.189	10.605	8.290	7.398	7.846	10.900	8.060	9.243	6.346	9.142	7.870
230	PHYS. SCI. (NEC)	16	9.121	10.412	6.459	4.468	9.505	10.586	12.443	13.759	6.789	7.993	7.023
231	CHEMIST	22	9.491	10.086	7.210	6.270	8.065	10.369	8.644	9.901	6.502	8.054	7.845
232	PHYSICIST	63	9.618	11.198	7.663	6.631	7.834	11.691	9.034	10.570	6.655	8.056	7.505
234	GEOLOGIST	22	9.280	11.769	7.792	7.117	6.599	8.464	9.618	10.074	6.829	7.542	8.862
240	ENGINEER (NEC)	249	8.330	9.979	7.329	6.398	8.059	9.669	8.098	9.840	6.611	7.704	7.918
241	CIVIL ENGINEER	07	9.038	10.924	8.041	6.407	9.506	10.589	8.677	8.853	6.988	8.626	7.502
242	ELEC. ENGINEER	234	8.820	10.323	7.039	6.039	7.141	10.376	8.650	9.716	6.455	7.431	7.035
243	MECH. ENGINEER	132	8.599	10.770	7.161	6.601	7.752	10.490	8.072	10.230	6.527	7.858	7.566
244	AERONAUTICAL ENG.	40	8.909	10.900	8.258	6.129	6.687	9.905	7.936	10.549	7.931	7.454	6.512
245	CHEM. ENGINEER	49	8.024	10.549	7.743	6.066	8.092	8.951	10.141	11.246	6.730	6.996	7.403
250	ARCHITECT	66	9.009	10.245	8.334	5.783	9.334	10.933	9.099	8.773	6.595	7.569	6.817
299	PHYS. SCI., LAB TECH.	100	9.342	11.709	7.741	6.971	8.185	9.690	8.855	9.802	6.447	7.426	6.817
310	BIOLOGIST, ZOOLOGIST	63	7.697	9.939	7.284	6.309	8.494	10.493	8.592	9.276	6.264	7.783	6.520
313	SPEC. IN AGRIC. SCI.	[illegible]	8.005	10.958	7.129	7.459	8.224	7.706	8.727	7.631	8.045	8.584	8.378
314	WLDLF/FOREST SPEC.	43	7.878	9.757	6.467	5.754	9.279	8.598	6.281	6.928	6.544	9.051	6.973
316	MICROBIOLOGIST	9	7.483	6.457	6.320	6.500	8.500	10.536	8.715	8.472	6.910	5.085	7.467
317	BIOCHEMIST	10	8.381	12.499	7.187	9.989	6.717	8.782	9.464	13.494	9.009	10.333	7.137
322	MD-SURGEON	9	12.407	10.348	8.049	5.292	5.999	13.112	11.952	7.578	7.635	9.149	7.918
329	MD-OTHER	196	7.742	10.752	7.413	6.829	8.102	11.018	8.170	11.323	6.351	7.796	7.236
332	DENTIST	22	8.401	11.304	7.543	7.083	9.646	10.755	8.568	11.253	7.008	7.735	8.201
333	VETERINARIAN	20	8.159	9.428	6.105	6.071	6.505	5.578	6.585	5.859	6.442	7.107	6.945
335	PHARMACIST	[illegible]	7.777	9.615	7.291	6.339	8.959	10.151	8.173	10.810	6.217	7.563	6.740
336	OPTOMETRIST	14	9.253	12.103	6.097	9.186	8.462	9.150	9.651	13.390	7.526	9.991	9.926
337	RN	9	10.583	12.282	9.717	7.882	9.618	12.778	11.064	14.233	9.928	11.470	10.754
345	CHIROPRACTOR	9	9.373	12.501	4.685	4.528	7.468	8.172	8.974	8.681	7.143	6.557	4.014
347	MED/DENT TECHNOL.	15	9.573	13.107	8.983	8.117	10.006	10.867	8.132	5.171	7.706	8.612	7.476
348	MED/DENT TECHNICIAN	21	10.105	10.798	8.003	7.115	8.263	10.617	7.909	9.902	6.707	7.954	7.897
350	HOSPITAL ADMIN.	12	11.631	13.538	9.379	8.840	7.421	9.151	9.260	9.377	6.770	9.031	8.241
360	PSYCHOLOGIST	24	10.036	11.163	7.345	6.703	9.395	11.507	8.762	10.016	7.036	8.411	8.611
370	SOCIAL WORKER	65	8.760	11.241	8.139	6.757	7.854	10.773	8.966	9.732	7.742	8.238	9.145
372	COUNSELING/GUIDANCE	10	9.083	10.130	3.273	7.546	3.440	11.463	8.111	8.919	7.364	10.628	8.749
373	VOC/ED GUIDANCE	42	9.713	12.306	8.112	7.972	8.439	11.769	8.146	11.089	7.823	9.065	8.378
382	ECONOMIST	22	8.495	10.249	6.780	5.495	8.246	9.684	8.911	1.038	6.725	7.199	7.642
389	SOC. SCI. (MISC)	21	9.345	10.956	8.320	8.738	7.916	11.001	7.661	8.567	6.659	9.993	8.617
391	POLITICIAN	16	12.027	11.293	7.692	7.328	7.229	10.112	10.714	9.593	6.976	9.926	7.439
392	DIPLOMAT	21	9.184	10.351	7.707	6.590	9.430	10.898	7.564	8.593	8.381	9.335	9.089
393	LAWYER	342	9.152	10.093	6.947	6.617	8.240	10.405	7.944	10.899	6.180	9.136	7.905
394	MARKET ANALYST	15	10.765	11.063	7.421	7.037	5.745	10.260	6.170	10.421	6.453	8.709	8.117
397	PUBLIC ADM (NEC)	16	9.530	11.001	8.429	8.181	9.810	13.286	8.790	10.033	8.150	9.125	8.559
398	CITY PLANNER (NEC)	21	9.570	11.611	10.695	6.623	8.824	11.637	6.976	9.679	7.038	7.324	9.159
400	TEACHER (NEC)	479	9.187	11.723	8.061	7.674	9.013	11.383	9.004	10.578	7.264	8.568	8.032
412	TEACHER-ELEM.	53	7.806	10.875	7.959	7.838	9.057	11.911	8.132	10.184	7.026	9.560	8.288
420	TEACHER-HS (NEC)	[illegible]	9.071	11.828	8.224	7.542	9.340	10.709	9.232	11.654	7.502	8.697	8.191
421	TEACHER-HS MATH	65	8.979	12.183	7.465	6.418	8.555	10.892	7.641	9.571	6.238	7.022	7.295
422	TEACHER-HS SCIENCE	68	9.727	10.453	7.308	6.855	8.256	9.340	8.349	9.562	8.182	8.366	7.576
423	TEACHER-HS SOC. ST.	85	8.631	11.476	7.283	7.230	8.234	10.114	9.203	9.005	7.366	9.096	7.704
424	TEACHER-ENGLISH	30	9.619	10.686	7.239	7.427	9.701	11.394	9.328	11.326	7.979	8.046	9.089
425	TEACHER-FOR. LANG.	14	10.218	10.205	2.848	5.673	11.033	10.093	10.752	10.988	7.620	4.658	7.374
426	TEACHER-COMM. ED.	14	7.685	10.130	9.907	7.067	11.071	8.985	10.653	11.595	7.027	7.012	6.568
428	TEACHER-TRADES	[illegible]	10.057	11.129	8.065	6.716	8.396	11.414	8.027	9.710	5.599	7.602	8.264
429	TEACHER-PHYS. ED.	57	7.563	10.464	7.573	5.933	7.949	9.450	4.720	8.101	6.210	8.025	7.702
431	TEACHER-ART	12	10.321	12.916	9.003	7.101	8.700	13.604	10.621	11.372	8.430	7.348	7.769
432	TEACHER-MUSIC	30	8.640	12.015	7.285	9.168	9.745	6.281	9.611	10.681	8.729	8.296	8.732
440	TEACHER-HANDICAPPED	12	8.560	9.954	9.379	7.190	11.274	11.551	12.359	11.046	8.262	9.628	10.799
450	SCH. ADMIN. (EXC. COLL.)	65	8.987	12.221	7.488	7.870	9.789	12.843	9.908	10.475	7.343	8.395	7.497
460	COLL/UNIV TCHR (NEC)	216	9.658	11.278	7.412	7.446	8.535	11.569	9.093	11.242	7.241	8.274	8.434
461	COLL/UNIV TCHR-MATH	30	8.149	10.624	5.993	9.451	7.752	11.348	6.761	10.086	5.399	5.933	8.168
462	COLL/UNIV TCHR-SCI	69	6.209	10.024	7.249	5.494	9.224	12.413	10.125	8.232	6.172	8.375	7.353
463	COLL/UNIV TCHR-SOC SCI	91	10.472	9.507	6.778	7.838	7.891	11.742	9.077	11.312	6.755	8.914	8.831
464	COLL/UNIV TCHR-ENGLISH	44	9.425	12.142	8.496	7.102	8.403	11.374	11.236	10.783	6.919	8.994	8.499
470	COLL/UNIV TCHR-ADM	12	8.017	12.784	8.748	7.221	9.399	10.447	8.874	10.712	6.362	6.765	8.754
511	LIBRARIAN	9	8.944	8.960	9.912	8.124	9.816	7.219	11.256	11.970	8.411	10.171	9.381
521	CLERGYMAN	177	9.198	11.545	9.075	6.708	9.731	11.169	9.490	11.367	7.093	8.764	7.435
523	RELIGIOUS WORKER (OTHER)	23	9.164	10.752	8.393	6.338	10.033	11.401	8.195	9.529	7.609	8.637	8.282
531	WRITER (NEC)	21	8.835	11.867	9.463	9.439	9.875	11.161	12.315	11.766	8.109	9.741	8.729
534	JOURNALIST/REPORTER	43	10.723	12.531	7.845	6.753	8.996	11.475	10.673	12.753	7.533	8.307	10.006
537	EDITOR	10	13.420	11.597	8.135	9.536	9.712	12.479	8.647	11.759	7.364	9.569	9.267
541	FINE ARTS	22	11.250	12.460	9.173	6.329	7.113	13.375	8.020	11.614	7.543	8.383	8.182
545	COMM ARTIST	54	9.671	9.733	7.735	7.247	7.504	9.862	8.798	9.470	7.409	9.264	5.961
547	DESIGNER (CONS GOODS)	14	7.978	13.010	8.539	8.982	10.866	11.885	11.922	12.923	9.445	9.366	7.395
551	MUSICIAN	17	9.436	10.485	8.746	9.542	11.620	6.080	10.932	12.312	8.103	8.853	9.940

TABLE 1.1 (continued)

#	GROUP	N	MEANS										
			INTEREST INVENTORY (CONTD.)										
			BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE	ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION
			P-702	P-703	P-704	P-705	P-706	P-707	P-708	P-709	P-710	P-711	P-712
574	ACTOR	11	19.565	19.182	24.091	16.273	21.545	24.182	24.091	21.636	20.000	17.182	12.364
575	THEATRE (OTHER)	25	18.640	20.520	21.940	16.920	19.440	18.900	20.960	22.760	19.600	17.920	13.920
578	RADIO/TV ANNOUN.	23	16.652	14.826	15.043	16.130	13.000	10.913	23.304	22.696	19.348	15.348	13.435
579	MISC PERF ARTS	10	12.100	14.700	16.300	14.700	15.100	15.200	22.400	15.500	20.100	16.200	12.200
611	PRO ATHLETE	12	19.333	18.583	16.417	17.333	16.083	8.667	30.833	22.000	21.917	22.250	19.583
612	PRO ATHLETICS (AUX)	10	17.600	16.700	13.000	16.200	11.200	11.000	30.100	30.400	19.300	15.200	13.800
621	RECREATION DIR.	14	18.286	18.214	18.571	20.071	16.571	14.857	33.357	31.500	20.500	16.957	16.429
623	FRSTRY, HUNT, TRAP	22	15.000	13.182	11.364	13.182	[illegible]	9.409	21.773	32.818	13.636	12.909	10.000
631	FARM/RANCH OWNER	123	14.683	14.382	10.951	14.894	[illegible]	8.390	26.447	30.959	18.211	15.829	14.675
632	FARM/RANCH MGR	8	18.875	15.375	12.000	11.125	12.875	6.750	29.375	32.625	18.500	12.000	13.625
639	FARMING (OTHER)	206	16.029	12.652	10.794	14.255	11.784	9.348	24.319	29.049	16.515	15.216	14.397
640	MILITARY (RANK NOT IND)	51	19.765	18.824	16.569	16.412	19.275	[illegible]	28.627	28.353	20.255	17.490	16.843
641	MILITARY-ENLISTED	27	16.593	17.370	15.111	15.963	16.111	15.296	26.074	29.444	20.519	15.444	14.889
642	MILITARY-OFFICER	111	22.514	21.477	18.486	16.261	17.495	15.288	28.125	[illegible]	20.568	17.243	17.297
650	INTELLIGENCE-CIA, ETC.	15	20.200	16.200	16.533	15.667	12.600	13.333	[illegible]	26.067	[illegible]	15.667	17.933
661	POLICE (PUBLIC)	138	16.734	18.293	14.011	15.191	13.170	11.559	[illegible]	27.729	18.846	14.814	14.676
666	FIREMAN	48	16.667	15.813	12.250	14.583	14.729	10.854	25.792	28.354	18.250	16.208	16.146
669	OTHER PROTECTIVE	19	17.421	20.947	15.263	18.053	14.105	16.684	29.000	29.789	19.474	19.105	16.789
711A	BANKING & FINANCE, I	66	15.561	18.394	14.742	13.985	14.727	12.409	25.273	25.818	20.606	19.076	17.955
711B	BANKING & FINANCE, II	114	20.406	21.561	17.447	15.965	16.386	12.096	26.404	23.728	21.351	17.974	18.298
712	INVSTMNT, STOCK CONSULT	15	20.133	21.733	17.533	14.933	17.067	12.800	26.267	24.400	22.467	20.133	17.800
716	CPA	167	18.898	19.473	15.389	15.527	14.287	11.557	26.174	24.581	21.144	13.257	22.316
717	ACCTANT (EXC CPA)	322	17.492	19.313	14.948	15.669	14.763	11.799	26.304	23.924	21.201	19.271	21.672
721	PURCHASING AGENT	40	19.225	21.125	15.100	16.425	14.250	11.500	30.700	26.375	21.900	19.750	20.950
722	RETAIL BUYER	10	23.300	26.900	14.900	14.000	15.100	11.900	23.700	26.600	19.100	15.200	18.500
723	EFFICIENCY EXPERT	130	20.600	20.446	16.856	15.392	16.808	13.069	27.062	26.754	20.931	19.054	18.215
724	ADVERTISING	30	19.867	19.967	21.467	16.767	20.533	14.900	27.533	22.300	19.933	20.033	13.533
725	PUBLIC RELATIONS	44	17.909	24.727	19.341	18.727	17.636	15.136	28.000	23.955	23.068	20.523	17.364
726	PERSONNEL ADMIN	72	20.472	18.722	15.556	16.833	16.764	13.750	28.028	25.944	20.792	17.306	16.056
727	APPRAISING/ESTIMATING	35	17.200	17.943	16.857	15.800	15.457	18.029	27.029	28.600	21.571	18.543	18.057
728	LOAN/CREDIT INVESTIG	27	19.593	18.556	16.111	15.519	16.556	12.556	27.296	26.667	20.963	16.778	15.037
730	BUS MGMT/ADMIN (NEC)	516	19.936	19.724	16.290	15.640	15.461	12.267	27.605	25.996	21.442	19.251	17.562
731	MFG MGMT	55	19.927	19.218	15.873	15.327	17.709	16.091	28.800	28.273	20.964	17.527	16.327
732	WHSL/RET TRADE MGMT/MKTG	204	18.914	19.725	16.005	15.938	15.853	12.907	27.250	26.069	21.779	19.377	17.471
738	SUPERVISOR IN BUS	53	18.434	17.283	14.264	16.679	16.472	11.981	27.132	29.528	19.547	18.585	16.377
741	SALESCLERK	27	15.778	13.963	14.704	15.481	15.037	12.519	25.000	26.222	20.630	18.593	13.556
743	STOCKBROKER	17	23.529	27.529	21.235	15.000	19.529	12.176	30.529	27.824	25.529	22.412	17.176
745	REAL EST SLSMAN	24	16.083	19.917	14.792	15.083	13.625	9.667	24.875	24.917	21.083	19.667	14.500
746	INSURANCE SLSMAN	69	18.884	18.609	15.957	16.652	15.348	12.971	29.870	28.159	21.246	19.522	16.594
747	AUTO SLSMAN	11	9.364	12.091	14.182	10.818	17.273	10.091	21.455	17.364	17.545	19.364	15.364
748	OTHER SLSMAN (NEC)	327	18.471	20.070	16.281	16.257	16.609	13.394	26.939	26.829	21.697	19.979	16.959
749	SALES MGR	63	19.683	19.873	16.905	16.524	17.444	12.651	25.667	25.095	21.746	20.698	17.667
751	BOOKKEEPER	12	18.917	21.583	17.500	18.667	18.083	16.417	28.667	29.000	21.917	22.333	23.083
755	MISC ACCT RECDG	13	14.077	17.385	13.615	15.385	12.462	7.385	26.462	26.692	17.923	15.538	14.000
758	COMPUTER OPERATOR	97	16.206	17.361	14.052	14.092	14.979	12.969	25.969	25.247	19.526	16.392	17.072
769	CLERK (MISC)	23	17.261	18.391	12.870	17.478	13.565	10.478	26.043	27.304	19.652	16.087	17.000
772	OFFICE MGR	21	17.952	20.905	13.667	17.381	14.476	9.714	23.000	26.762	20.524	16.857	19.667
789	OTHER "PUB CONTACT" OCCS	10	13.400	16.700	12.700	14.800	10.500	12.600	21.200	14.800	20.200	16.000	20.200
791	RADIO, TELEGR, TTY OP	16	16.500	19.250	17.063	16.688	15.000	12.938	26.250	26.188	22.188	17.750	17.500
796	MAIL CARRIER	20	17.500	13.900	12.250	14.200	16.750	12.300	27.550	26.950	19.900	16.050	17.050
797	MISC CLERICAL	108	17.370	19.130	15.435	16.537	15.528	14.778	27.426	28.269	20.148	18.463	17.046
798	MISC ADMINISTRATIVE	59	18.271	19.271	17.153	16.288	15.763	13.390	27.847	26.915	21.017	17.492	17.068
810	ELECTRICIAN	211	16.095	14.706	12.801	14.014	15.166	11.436	26.554	29.536	18.630	15.797	14.886
811	ELECTRONIC TECHNICIAN	259	17.318	14.818	13.043	13.531	14.922	11.419	24.023	27.465	17.217	14.271	15.357
812	APPLIANCE REPAIR	51	16.412	13.471	11.745	12.980	14.765	10.000	23.608	27.784	17.039	14.275	14.314
813	PHONE INSTALL & REPAIR	53	16.245	16.811	12.245	14.811	14.604	9.755	25.472	28.736	19.245	15.679	16.000
814	REPAIR AND SERV COMP	40	17.600	14.725	11.725	12.750	15.425	10.025	25.150	28.250	17.925	15.025	18.250
820	MECHANIC (NEC)	133	15.120	12.865	11.504	13.534	14.301	9.932	22.662	28.699	17.113	15.797	13.361
821	AUTO MECHANIC	112	13.786	13.643	11.196	13.161	13.545	11.116	23.393	28.411	17.000	15.223	14.063
822	AIRPLANE MECHANIC	101	17.386	15.257	12.871	13.673	15.010	11.812	25.297	29.554	18.485	15.891	13.574
823	OFFICE MACH REPAIR	14	15.786	17.143	12.214	12.000	12.857	11.643	19.500	27.071	17.143	12.857	16.429
824	IND MACH REPAIR	28	15.107	15.107	13.286	13.429	15.821	11.929	25.786	29.536	18.000	15.643	15.214
828	MACHINIST	276	15.525	14.304	12.359	13.598	15.297	10.808	26.235	29.757	18.714	15.341	14.659
831	CABINET MAKER	11	13.818	14.455	9.636	12.545	17.818	11.091	25.545	30.455	16.182	11.182	11.364
832	CARPENTER	63	14.937	12.349	11.889	13.619	15.730	11.000	24.969	30.000	17.952	15.540	13.746
833	METAL TRADES	119	14.857	13.840	12.328	13.790	14.034	10.553	25.496	28.706	18.462	15.185	14.462
834	BRKLYR, MASON, PTR, RFR	66	14.470	14.015	12.924	14.182	15.288	10.591	24.500	28.515	18.818	16.409	15.045
835	PLUMBER, PIPEFITTER	81	15.136	13.951	12.235	14.395	13.938	9.852	25.654	28.741	19.469	15.111	14.728
836	HEAVY EQUIP OP	42	14.024	13.143	11.571	12.667	12.833	8.976	25.071	29.214	17.524	13.548	13.048
837	MISC BLDG & CONST	43	14.767	13.907	10.953	12.884	13.465	7.651	23.907	29.721	17.186	13.860	12.395
838	MINING, QUARRYING, DRLNG	12	16.833	23.917	16.750	19.250	13.750	12.750	32.417	33.250	21.333	15.583	15.500
841	PILOT	164	20.305	18.256	15.622	14.421	15.354	12.915	27.311	27.848	19.091	15.213	15.189
843	AIRPLANE NAVIGATOR	10	21.800	16.600	11.700	11.700	12.900	11.400	28.500	28.600	18.400	11.100	14.300
848	AIR TRAFFIC CONTROLLER	10	19.400	16.800	17.500	18.700	17.400	13.200	29.800	28.000	20.100	15.800	19.600
851	MERCHANT MARINE OCC	14	20.857	19.786	15.857	12.857	14.357	6.571	29.714	33.357	20.143	16.286	14.071
852	RAILROAD OCCS	22	15.727	14.500	11.182	12.500	11.864	9.864	26.273	28.409	18.409	16.273	15.682
853	AUTO, BUS, TRUCK DRIVER	91	13.549	12.582	10.242	12.275	13.022	10.000	26.780	28.220	17.121	13.582	12.385
861	PRINTING TRADES	104	16.721	15.279	13.663	13.971	14.702	12.240	24.500	28.529	18.798	15.529	15.577
863	SURVEYOR	20	16.050	16.950	12.950	12.350	14.900	12.200	25.050	28.800	19.350	16.000	15.450
864	DRAFTSMAN	134	17.134	14.799	13.209	13.970	19.306	13.104	25.373	27.515	18.739	17.097	15.209
865	PHOTOGRAPHY	37	22.378	19.270	21.000	15.757	22.973	17.649	24.649	27.784	20.270	17.892	16.162
866	INTERIOR DECORATOR	8	17.875	20.000	15.250	13.500	24.500	16.500	23.125	29.875	22.875	15.750	15.125
867	LANDSCAPE ARCH	9	20.111	18.333	16.444	17.111	23.333	10.111	32.222	31.667	19.556	17.556	13.111
881	FOOD & BEVERAGE PREP	20	21.900	18.900	16.250	17.950	17.550	12.750	24.950	25.250	20.550	21.400	18.350
885	BUTCHER, MEAT CUTTER	35	15.600	12.486	13.714	14.486	13.514	10.943	27.886	30.171	18.857	18.714	16.457
891	MISC PERSONAL SERV	8	25.625	26.875	20.750	21.000	23.750	20.375	23.875	27.875	27.000	23.250	21.500
892	BARBER	29	15.276	18.034	13.621	15.379	12.897	12.966	22.655	26.690	17.897	18.655	14.690
893	HAIRDRESSER	18	14.889	19.222	17.278	16.556	20.278	21.167	19.500	18.500	18.944	15.722	15.667
899	GENERAL LABORER	314	15.290	14.895	12.697	14.723	13.828	11.646	26.369	28.678	18.895	16.704	14.987
	TOTAL	14570	19.253	18.198	15.892	15.840	16.330	13.303	26.446	26.795	19.726	16.703	16.669

TABLE 1.1 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INTEREST INVENTORY (CONTD.)										
			BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE	ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION
			P-702	P-703	P-704	P-705	P-706	P-707	P-708	P-709	P-710	P-711	P-712
571	ACTOR	11	10.162	14.295	8.360	10.001	12.485	11.848	10.530	14.631	9.788	10.206	9.352
575	THEATRE (OTHER)	25	11.254	13.476	8.764	8.727	10.871	10.472	10.446	12.184	9.452	10.859	9.119
578	RADIO/TV ANNOUN.	23	10.564	12.662	8.906	8.275	9.747	10.967	12.133	12.009	7.767	9.188	9.105
579	MISC PERF ARTS	10	7.951	12.338	8.001	7.790	9.291	6.680	8.984	10.233	7.909	9.355	7.451
611	PRO ATHLETE	12	9.069	10.942	7.090	6.706	6.374	7.738	5.340	11.354	7.204	9.498	8.185
612	PRO ATHLETICS (AUX)	10	7.706	12.093	8.433	6.477	7.376	10.924	10.734	7.975	7.424	8.651	4.566
621	RECREATION DIR.	14	9.227	9.633	9.517	6.451	7.997	11.648	5.108	6.858	7.123	7.695	9.725
623	FRSTRY, HUNT, TRAP	22	7.335	11.722	7.162	6.185	9.163	8.227	12.761	10.764	7.313	8.574	6.309
631	FARM/RANCH OWNER	123	8.512	10.684	7.667	6.934	8.706	8.334	10.135	8.980	8.173	9.023	8.460
632	FARM/RANCH MGR	8	7.972	9.117	5.632	6.312	6.010	5.548	7.981	8.667	5.707	7.521	8.815
639	FARMING (OTHER)	204	7.987	10.266	6.993	6.730	8.060	8.259	9.970	10.005	7.386	8.875	7.925
640	MILITARY (RANK NOT IND)	61	10.238	11.041	8.013	6.594	9.765	10.731	8.185	10.772	6.409	8.406	8.174
641	MILITARY-ENLISTED	27	8.473	13.048	7.787	6.700	9.316	11.717	9.845	10.316	8.391	9.695	9.112
642	MILITARY-OFFICER	111	8.755	10.346	7.776	5.876	7.890	10.602	7.967	9.530	6.256	7.407	7.599
650	INTELLIGENCE-CIA, ETC.	15	9.548	13.262	10.555	10.300	10.749	12.843	8.102	11.171	7.650	7.509	9.968
661	POLICE (PUBLIC)	193	8.714	12.140	7.709	7.275	7.290	10.155	9.578	9.858	7.992	9.660	8.904
666	FIREMAN	43	8.474	10.710	7.473	6.894	9.099	7.644	9.680	10.243	7.265	8.187	8.448
669	OTHER PROTECTIVE	19	11.880	12.804	9.666	8.066	10.734	11.935	8.944	8.541	9.885	11.095	10.443
711A	BANKING & FINANCE, I	66	9.917	10.670	7.269	6.297	9.034	10.454	9.578	11.236	6.702	8.860	8.331
711B	BANKING & FINANCE, II	114	9.185	11.979	7.847	6.601	9.527	10.660	9.443	11.145	7.258	8.567	7.981
712	INVSTMNT,STOCK CONSULT	15	9.193	11.473	7.130	7.723	9.189	11.948	7.226	7.845	6.875	7.772	7.858
716	CPA	157	9.467	11.307	7.034	6.763	7.322	8.886	9.846	10.536	6.761	9.250	8.295
717	ACCTANT (EXC CPA)	322	9.014	11.437	7.468	6.568	8.510	10.009	9.059	10.475	6.610	8.053	8.720
721	PURCHASING AGENT	40	7.044	10.158	6.059	6.617	7.844	10.397	6.090	10.307	5.453	7.863	7.892
722	RETAIL BUYER	10	9.910	6.828	7.490	7.303	8.034	9.098	8.757	6.818	4.771	8.791	9.641
723	EFFICIENCY EXPERT	140	8.875	11.478	7.547	6.351	7.224	10.381	9.052	9.300	6.487	8.583	7.570
724	ADVERTISING	30	9.001	13.642	7.596	6.642	8.621	8.668	8.673	11.342	9.307	10.043	9.295
725	PUBLIC RELATIONS	44	10.670	12.235	7.939	7.500	9.213	12.199	9.654	10.341	6.986	9.515	8.739
726	PERSONNEL ADMIN	72	8.925	10.273	6.228	5.981	7.932	10.342	8.437	10.321	6.979	8.510	7.524
727	APPRAISING/ESTIMATING	35	10.229	12.216	8.701	8.432	9.657	11.289	9.660	9.793	8.552	9.924	8.704
728	LOAN/CREDIT INVESTIG	27	8.550	10.996	9.124	8.702	8.026	11.376	9.567	8.593	8.460	9.508	8.244
730	BUS MGMT/ADMIN (NEC)	514	9.147	11.590	7.547	6.848	8.337	10.003	9.495	10,233	6.913	8.680	8.104
731	MFG MGMT	55	9.259	12.069	8.161	6.761	8.270	11.199	7.924	9.017	7.252	8.474	9.197
732	WHSL/RET TRADE MGMT/MKTG	204	9.044	11.753	7.543	7.251	8.078	10.236	8.896	10.326	6.595	8.373	7.757
738	SUPERVISOR IN BUS	63	9.530	11.238	7.923	6.303	7.337	8.268	9.165	8.824	7.148	8.486	8.395
741	SALESCLERK	27	8.872	12.040	8.208	8.473	9.701	11.876	10.666	12.577	8.139	9.179	8.881
743	STOCKBROKER	17	8.420	9.362	7.085	4.514	7.001	7.126	6.672	7.502	5.173	7.009	4.773
745	REAL EST SLSMAN	24	8.597	10.607	7.437	6.007	10.103	9.894	9.238	11.949	7.259	9.701	6.865
746	INSURANCE SLSMAN	60	8.937	12.035	6.309	7.619	9.310	10.341	7.712	9.413	6.967	8.581	8.234
747	AUTO SLSMAN	11	8.346	12.895	8.987	6.113	8.088	10.511	8.881	9.981	7.461	5.836	9.426
748	OTHER SLSMAN (NEC)	327	9.517	12.318	7.744	7.039	8.868	10.169	9.034	9.777	7.811	9.082	8.603
749	SALES MGR	63	9.673	11.008	8.871	7.137	9.486	10.697	9.451	10.710	6.715	7.255	8.485
751	BOOKKEEPER	12	11.349	8.565	10.220	8.338	10.264	12.236	9.277	9.826	4.274	7.328	8.350
755	MISC ACCT RECDG	13	8.636	12.959	9.242	8.856	9.243	7.773	9.571	9.827	10.396	10.038	6.758
758	COMPUTER OPERATOR	97	9.613	12.210	8.163	7.828	9.426	9.565	9.608	11.654	8.170	9.098	8.333
769	CLERK (MISC)	23	10.859	10.765	6.838	7.038	8.495	9.065	9.153	11.360	8.716	8.377	9.323
772	OFFICE MGR	71	8.651	10.256	6.151	7.413	9.195	7.676	10.526	9.664	6.969	10.688	10.302
789	OTHER "PUB CONTACT" OCCS	10	9.312	14.353	4.990	5.940	9.141	10.211	11.084	15.640	7.800	9.381	7.927
791	RADIO, TELEGR, TTY OP	16	11.219	12.923	8.528	7.125	8.884	10.043	10.718	9.827	9.050	9.110	7.492
796	MAIL CARRIER	20	9.876	10.677	6.935	6.354	9.447	10.844	6.589	12.288	7.137	9.093	5.763
797	MISC CLERICAL	109	8.016	13.005	7.481	6.654	8.656	10.893	8.706	9.804	7.875	9.427	8.379
798	MISC ADMINISTRATIVE	50	8.863	12.235	8.117	7.379	8.345	10.079	8.802	11.192	8.210	8.941	9.214
810	ELECTRICIAN	211	8.372	11.050	7.000	6.588	9.541	9.218	9.163	9.065	7.442	8.685	7.848
811	ELECTRONIC TECHNICIAN	259	8.714	11.138	7.000	6.727	8.015	9.578	9.519	9.567	7.638	8.302	7.721
812	APPLIANCE REPAIR	51	8.757	11.402	6.971	7.654	7.819	8.215	10.435	10.051	8.249	8.367	8.019
813	PHONE INSTALL & REPAIR	53	7.766	11.695	6.245	6.805	6.631	8.471	8.639	10.422	6.610	7.691	6.370
814	REPAIR AND SERV COMP	40	11.473	11.556	8.482	7.595	10.142	10.647	10.838	8.161	7.437	8.402	8.743
820	MECHANIC (NEC)	133	9.229	11.165	7.284	7.104	9.242	8.754	10.064	10.612	7.642	8.536	7.466
821	AUTO MECHANIC	112	8.394	10.723	6.960	6.630	8.302	9.454	10.679	9.902	7.485	9.210	7.244
822	AIRPLANE MECHANIC	101	9.043	12.165	6.628	6.963	8.243	9.275	9.448	8.534	7.344	8.341	7.454
823	OFFICE MACH REPAIR	14	10.467	10.826	7.648	7.369	8.402	12.068	10.286	11.035	6.395	7.614	6.536
824	IND MACH REPAIR	23	7.828	9.773	5.937	5.827	8.658	9.951	8.016	9.086	6.976	7.274	7.203
828	MACHINIST	274	9.107	11.369	7.658	6.896	8.592	9.515	8.811	9.702	7.481	8.546	7.934
831	CABINET MAKER	11	6.750	10.299	6.265	9.278	8.304	9.772	5.837	8.226	5.991	6.615	5.045
832	CARPENTER	63	8.052	9.978	8.096	6.932	8.053	9.482	8.879	8.195	7.708	8.050	7.507
833	METAL TRADES	110	8.114	11.013	7.280	6.323	7.745	8.471	9.248	10.757	7.524	9.964	7.862
834	BRKLYR, MASON, PTR, RFR	66	9.451	10.633	8.580	7.442	9.193	9.138	10.397	10.141	7.850	9.305	8.649
835	PLUMBER, PIPEFITTER	91	7.946	12.197	6.690	6.270	7.512	8.620	9.009	8.983	7.410	9.093	7.834
836	HEAVY EQUIP OP	42	8.032	11.300	7.915	6.218	6.814	7.882	9.786	10.004	7.709	8.090	8.160
837	MISC BLDG & CONST	63	9.286	10.712	5.782	5.937	8.001	7.609	10.030	9.936	7.395	8.132	6.723
838	MINING, QUARRYING, DRLNG	12	7.732	12.753	6.930	6.369	6.608	9.734	7.902	8.148	7.750	8.764	9.339
841	PILOT	164	9.149	10.863	7.920	6.665	7.591	10.058	8.387	8.536	7.968	8.020	8.215
843	AIRPLANE NAVIGATOR	10	11.968	9.923	5.559	6.464	6.118	9.095	6.223	6.096	5.317	9.882	7.273
848	AIR TRAFFIC CONTROLLER	10	8.784	10.570	6.964	6.533	8.058	10.207	6.339	6.782	5.174	7.300	7.575
851	MERCHANT MARINE OCC	14	11.779	12.033	5.947	5.709	7.782	7.663	9.699	9.435	6.871	9.691	8.014
852	RAILROAD OCCS	22	7.893	13.089	6.374	6.752	7.772	9.115	7.953	12.738	8.302	11.519	9.795
853	AUTO, BUS, TRUCK DRIVER	91	8.902	11.496	7.209	7.358	9.023	9.066	9.643	10.020	8.023	8.655	7.186
861	PRINTING TRADES	104	9.039	12.019	7.917	6.211	9.222	10.224	8.848	9.625	7.479	7.962	8.238
863	SURVEYOR	20	9.310	10.097	6.549	5.019	7.137	10.390	12.424	8.581	7.700	8.448	8.751
864	DRAFTSMAN	134	8.722	11.469	7.026	6.742	8.481	10.503	9.167	9.479	6.477	8.425	7.234
865	PHOTOGRAPHY	37	8.391	11.515	8.985	7.914	9.714	11.769	8.706	10.927	7.683	8.326	8.523
866	INTERIOR DECORATOR	9	7.473	13.180	9.392	3.891	8.960	12.036	7.900	13.293	7.434	7.246	5.768
867	LANDSCAPE ARCH	9	7.801	15.435	9.139	7.507	6.305	8.131	6.704	9.605	8.890	10.175	8.007
881	FOOD & BEVERAGE PREP	20	11.050	11.134	9.580	7.803	10.359	10.083	8.525	9.957	6.985	8.593	8.041
885	BUTCHER, MEAT CUTTER	35	9.472	9.633	6.994	5.868	7.390	7.974	7.665	8.119	7.570	9.034	8.975
891	MISC PERSONAL SERV	8	7.745	6.707	6.453	8.071	5.726	8.651	7.643	5.463	5.757	5.574	7.597
892	BARBER	29	9.277	11.201	8.537	8.504	8.918	12.763	11.340	9.461	7.761	7.875	8.264
893	HAIRDRESSER	18	8.957	13.502	10.374	8.563	14.204	12.632	10.853	10.461	7.727	9.572	9.094
899	GENERAL LABORER	314	8.884	11.042	7.705	6.842	8.775	9.759	9.506	9.684	7.669	9.156	7.866
	TOTAL	14570	9.632	11.787	8.205	7.298	8.871	10.588	9.207	10.363	7.403	8.733	8.271

TABLE 1.1 (continued)

#	GROUP	N	MEANS										
			INTEREST INVENTORY (CONTD.)					STUDENT ACTIVITIES INVENTORY					
			OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES	FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS
			P-713	P-714	P-715	P-716	P-717	R-601	R-602	P-603	R-604	R-605	R-606
000	NO ANSWER	1766	12.561	20.362	13.277	20.063	11.792	6.333	4.324	1.939	3.781	4.373	5.344
001	DON'T KNOW	734	12.327	20.150	13.441	20.549	12.166	5.973	3.925	1.823	3.595	4.015	4.721
101	EXECUTIVE (NEC)	59	12.763	18.932	11.492	19.305	9.729	7.119	4.898	2.017	4.525	4.915	6.153
102	FOREMAN (NEC)	103	12.592	21.786	16.039	23.184	14.117	6.739	4.000	1.874	3.990	4.204	5.465
111	WORK FOR GOVT (NEC)	49	13.388	17.878	12.204	18.204	10.816	6.653	4.265	2.122	3.490	4.102	5.673
112	IN BUS. FOR SELF (NEC)	255	11.435	20.639	13.796	20.455	12.216	6.647	4.247	2.039	3.953	4.369	5.031
120	IND., BUS., COMM. (NEC)	161	11.938	18.689	11.143	19.472	10.360	7.031	4.491	2.081	4.075	4.578	5.653
121	RETAIL (NEC)	22	13.500	15.818	11.591	19.545	11.182	6.682	4.409	2.136	3.955	5.000	5.819
122	TRANSPORTATION (NEC)	16	14.125	19.438	13.500	20.688	12.000	6.063	3.063	2.438	3.563	4.188	4.188
123	REAL ESTATE(NEC)	9	10.222	15.667	10.889	21.111	9.333	7.333	5.333	2.333	4.333	5.222	4.667
124	INSURANCE (NEC)	24	16.250	21.417	14.542	21.125	12.750	6.750	4.417	1.500	3.458	5.083	5.875
125	ELECTRONICS (NEC)	113	12.814	24.690	14.681	21.142	12.805	5.779	3.805	1.858	3.956	4.088	4.885
211	MATH., STAT.	42	13.286	19.000	9.048	14.167	7.714	5.857	4.310	1.786	3.905	4.429	5.524
212	OTHER STATISTICS	10	11.400	18.900	10.900	18.800	10.500	6.900	3.900	2.400	4.500	4.400	5.600
221	SYSTEMS ANALYST	56	13.000	19.964	9.750	17.839	9.768	7.214	4.750	2.018	4.179	5.018	6.304
222	COMPUTER PROG.	173	12.353	19.214	11.838	17.012	10.775	5.965	4.237	1.913	3.792	4.382	5.480
229	COMPUTER SPEC. (NEC)	39	12.105	21.500	11.447	16.263	9.632	6.553	4.553	2.421	3.816	4.658	5.737
230	PHYS. SCI. (NEC)	16	9.688	17.625	10.125	17.438	11.500	5.125	4.438	2.063	4.563	4.688	4.500
231	CHEMIST	33	10.086	20.161	10.290	17.946	8.699	5.655	4.344	1.538	3.839	4.570	5.785
232	PHYSICIST	53	11.340	21.132	9.509	16.660	7.774	5.038	4.491	1.792	4.132	5.962	5.962
234	GEOLOGIST	22	9.955	20.136	10.318	20.500	8.864	5.545	4.273	1.955	4.273	4.591	5.455
240	ENGINEER (NEC)	243	10.790	21.702	10.867	17.681	9.310	6.435	4.440	1.895	4.379	5.407	6.016
241	CIVIL ENGINEER	97	11.608	21.588	11.784	20.835	10.021	5.876	4.608	1.567	4.237	5.144	5.588
242	ELEC. ENGINEER	234	11.321	23.342	11.209	17.590	9.038	6.107	4.393	1.855	3.863	4.846	5.556
243	MECH. ENGINEER	139	11.568	23.978	12.309	18.856	10.633	6.489	4.590	1.813	4.151	5.086	6.050
244	AERONAUTICAL ENG.	40	10.300	23.350	11.325	18.650	8.800	5.875	4.575	1.175	4.500	5.750	6.650
245	CHEM. ENGINEER	48	11.604	21.188	10.396	15.792	7.979	5.958	4.354	1.792	4.188	5.104	6.146
250	ARCHITECT	64	10.359	19.344	9.938	17.438	8.359	6.297	4.469	1.547	3.984	4.438	5.891
299	PHYS. SCI., LAB TECH.	100	12.250	21.630	14.110	21.450	12.430	6.470	4.250	1.990	3.540	4.400	5.120
310	BIOLOGIST, ZOOLOGIST	48	10.854	19.688	12.313	22.250	10.833	5.771	4.313	1.729	3.938	4.958	5.208
313	SPEC. IN AGRIC. SCI.	33	10.394	19.576	12.848	30.364	11.818	6.182	3.818	1.667	4.667	4.848	5.061
314	WLDLF/FOREST SPEC.	43	11.000	18.767	13.209	28.419	10.698	5.977	4.605	2.279	4.767	4.953	5.488
316	MICROBIOLOGIST	9	8.667	18.444	7.778	16.556	6.778	7.222	6.556	3.111	5.333	5.889	7.000
317	BIOCHEMIST	10	8.400	21.000	9.500	20.800	8.600	5.900	4.300	1.000	2.900	5.300	4.800
322	MD-SURGEON	8	8.125	17.125	9.625	9.875	8.625	6.000	3.875	2.250	4.250	6.125	5.500
329	MD-OTHER	196	10.081	16.597	7.930	17.220	6.570	6.898	5.398	2.054	4.478	5.409	6.419
332	DENTIST	92	11.891	17.098	9.522	15.924	8.391	7.663	5.359	1.815	4.598	5.554	6.772
333	VETERINARIAN	30	9.867	19.333	11.700	31.233	8.767	6.100	4.167	1.867	4.367	4.633	5.433
335	PHARMACIST	89	12.843	18.124	10.101	16.236	8.876	6.719	4.899	1.955	4.157	5.112	6.449
336	OPTOMETRIST	14	10.857	15.357	8.643	21.786	7.357	8.429	4.500	2.786	4.071	5.071	6.000
337	RN	8	8.750	14.375	11.375	19.000	6.875	4.125	4.125	1.625	2.750	4.625	5.125
345	CHIROPRACTOR	9	12.667	19.667	11.556	19.111	8.000	9.000	5.667	2.222	5.111	5.222	5.889
347	MED/DENT TECHNOL.	15	10.933	18.600	9.733	19.667	9.467	5.667	2.933	2.067	3.333	3.733	5.667
348	MED/DENT TECHNICIAN	31	12.194	17.000	12.323	20.839	10.516	6.032	4.097	1.871	3.774	3.548	4.581
350	HOSPITAL ADMIN.	13	11.231	14.846	10.000	18.462	9.077	6.462	4.923	1.923	5.077	4.462	6.308
360	PSYCHOLOGIST	94	10.553	16.021	8.691	15.287	7.319	6.415	5.043	2.319	4.074	5.106	5.723
370	SOCIAL WORKER	65	12.938	17.415	11.123	18.138	10.185	6.631	4.969	2.185	4.231	4.631	5.415
372	COUNSELING/GUIDANCE	10	14.400	18.400	12.300	21.200	11.200	8.000	4.600	2.100	5.000	5.300	6.600
373	VOC/ED GUIDANCE	42	12.524	17.119	10.643	17.690	9.167	7.500	5.333	1.595	4.214	5.262	6.524
382	ECONOMIST	32	10.625	16.906	9.094	17.844	8.156	6.750	5.125	2.063	3.938	4.531	5.313
389	SOC. SCI. (MISC)	31	11.484	15.226	9.290	17.581	7.903	6.452	4.871	2.323	3.613	5.355	6.516
391	POLITICIAN	16	13.125	13.188	7.688	13.688	7.938	7.375	4.875	2.313	3.938	3.938	5.188
392	DIPLOMAT	21	10.619	17.810	10.429	19.333	10.714	6.095	5.429	1.905	4.619	5.286	6.333
393	LAWYER	342	10.779	14.918	7.801	15.743	7.512	7.386	5.243	2.158	4.468	5.427	6.301
394	MARKET ANALYST	15	10.933	18.867	9.867	19.067	7.867	7.600	3.733	2.467	4.267	4.400	5.533
397	PUBLIC ADM (NEC)	16	10.563	15.750	9.125	13.438	9.250	6.563	5.000	1.875	4.500	5.500	6.000
398	CITY PLANNER (NEC)	21	11.667	17.381	11.619	20.143	9.524	6.333	4.714	2.333	3.905	5.476	5.810
400	TEACHER (NEC)	479	11.933	17.797	11.314	20.174	10.234	6.824	4.617	1.990	4.297	4.538	5.573
412	TEACHER-ELEM.	53	15.962	19.358	12.868	19.302	10.981	7.075	4.660	2.094	3.925	4.547	6.245
420	TEACHER-HS (NEC)	98	12.133	18.010	11.663	20.051	10.612	6.980	4.724	1.786	4.469	4.847	5.663
421	TEACHER-HS MATH	65	12.723	19.508	11.477	19.600	10.446	6.539	4.215	1.631	4.385	4.738	5.431
422	TEACHER-HS SCIENCE	68	11.662	19.265	10.779	20.515	9.647	5.735	3.882	1.750	3.706	3.853	4.721
423	TEACHER-HS SOC. ST.	85	12.471	17.976	12.165	21.176	10.682	6.365	4.529	1.906	3.929	4.482	5.459
424	TEACHER-ENGLISH	38	13.000	14.632	9.368	14.868	8.395	6.684	4.868	1.895	3.789	4.658	6.053
425	TEACHER-FOR. LANG.	14	16.286	12.643	9.357	14.714	8.857	5.714	4.714	1.643	4.071	4.429	5.429
426	TEACHER-COMM. ED.	14	19.071	17.357	10.643	19.286	11.071	8.500	4.643	1.214	3.786	4.643	5.929
428	TEACHER-TRADES	50	13.360	21.860	13.380	23.620	10.780	7.360	4.680	1.720	4.900	5.660	6.040
429	TEACHER-PHYS. ED.	57	12.386	17.912	11.965	21.491	11.175	7.193	4.228	1.333	4.474	4.474	5.351
431	TEACHER-ART	12	7.250	14.833	10.750	17.750	9.083	6.917	5.333	3.167	4.500	5.250	6.667
432	TEACHER-MUSIC	30	14.333	14.900	9.133	15.267	8.633	6.500	4.733	1.833	3.667	4.100	5.500
440	TEACHER-HANDICAPPED	12	13.833	13.750	9.333	16.750	9.417	7.667	5.583	2.250	4.167	4.833	6.583
450	SCH. ADMIN. (EXC. COLL.)	45	10.444	14.200	7.778	15.978	8.222	8.067	5.444	1.978	5.000	5.244	6.756
460	COLL/UNIV TCHR (NEC)	214	11.650	15.542	9.416	16.958	9.537	6.659	5.150	2.098	4.243	5.243	5.668
461	COLL/UNIV TCHR-MATH	30	12.767	17.400	8.200	13.367	7.933	4.533	4.333	1.200	3.633	5.133	5.533
462	COLL/UNIV TCHR-SCI	48	12.854	19.646	10.396	19.521	9.479	6.479	4.813	2.063	4.292	5.458	5.458
463	COLL/UNIV TCHR-SOC SCI	81	10.210	13.667	7.741	15.790	7.395	6.840	5.296	2.037	4.049	5.432	5.963
464	COLL/UNIV TCHR-ENGLISH	44	8.955	13.659	6.841	14.455	6.455	6.250	5.295	1.682	4.250	4.545	6.432
470	COLL/UNIV TCHR-ADM	13	13.462	16.000	10.538	22.538	11.385	7.846	5.308	1.846	4.231	5.308	5.077
511	LIBRARIAN	9	15.667	13.000	8.000	14.556	5.778	5.889	5.111	0.556	3.333	4.889	9.111
521	CLERGYMAN	177	13.678	15.237	10.023	17.898	8.763	6.480	5.333	1.847	4.136	5.345	6.407
523	RELIGIOUS WORKER (OTHER)	23	15.087	19.522	13.565	20.870	13.087	6.348	4.609	1.913	3.783	3.957	5.174
531	WRITER (NEC)	21	12.571	17.619	12.667	16.905	11.714	6.571	4.238	2.095	3.810	4.000	5.667
534	JOURNALIST/REPORTER	43	11.558	13.326	8.395	15.047	7.907	6.372	4.372	1.698	4.372	4.140	5.512
537	EDITOR	10	9.900	12.700	7.100	13.400	7.600	6.600	5.100	2.000	4.600	5.800	5.600
541	FINE ARTS	22	8.864	17.000	10.318	17.227	7.409	6.545	5.318	2.364	3.500	4.091	5.591
545	COMM ARTIST	54	11.593	19.463	13.148	18.111	10.259	5.722	4.667	1.611	3.889	5.259	5.741
547	DESIGNER (CONS GOODS)	14	11.786	21.071	13.000	21.000	10.714	7.571	4.714	1.786	4.571	5.143	6.500
551	MUSICIAN	17	12.706	12.118	8.588	13.176	10.235	6.765	4.765	2.176	4.176	5.176	6.588

TABLE 1.1 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INTEREST INVENTORY (CONTD.)					STUDENT ACTIVITIES INVENTORY					
			OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES	FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS
			P-713	P-714	P-715	P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606
000	NO ANSWER	1766	8.207	8.532	7.171	10.039	6.785	2.957	2.297	1.629	2.125	2.507	2.816
001	DON'T KNOW	734	7.768	7.743	7.073	9.933	6.370	2.962	2.333	1.561	2.102	2.432	2.812
101	EXECUTIVE (NEC)	59	7.433	7.497	6.717	9.025	5.391	3.063	2.249	1.526	2.254	2.654	3.263
102	FOREMAN (NEC)	103	7.882	7.324	6.753	9.942	6.342	2.649	2.082	1.405	1.993	2.423	2.566
111	WORK FOR GOVT (NEC)	42	8.524	7.105	7.086	8.067	7.560	2.658	2.243	1.691	2.001	2.519	3.058
112	IN BUS. FOR SELF (NEC)	255	7.649	7.858	6.806	10.017	6.582	2.782	2.329	1.594	2.103	2.531	2.706
120	IND., BUS., COMM. (NEC)	161	7.862	7.470	6.093	9.502	5.770	2.728	2.321	1.597	2.102	2.307	2.777
121	RETAIL (NEC)	22	8.204	7.908	7.563	8.963	6.609	3.242	2.016	2.232	2.459	2.449	2.986
122	TRANSPORTATION (NEC)	16	7.228	8.763	7.430	9.837	6.055	3.108	1.806	1.632	2.128	2.810	2.738
123	REAL ESTATE(NEC)	9	5.142	7.500	6.528	8.781	3.873	3.775	2.291	1.803	2.291	2.774	3.428
124	INSURANCE (NEC)	24	6.687	7.336	6.454	9.461	5.735	2.953	1.886	1.615	2.126	2.283	2.755
125	ELECTRONICS (NEC)	113	7.871	7.333	6.481	9.490	6.132	2.831	2.211	1.558	2.119	2.378	3.107
211	MATH., STAT.	42	7.326	6.556	5.943	7.211	4.915	3.565	2.300	1.718	2.184	2.558	3.329
212	OTHER STATISTICS	10	7.321	8.647	6.437	10.633	4.950	2.695	2.132	1.647	2.273	2.633	3.836
221	SYSTEMS ANALYST	56	8.429	7.687	5.573	9.811	5.698	3.103	2.692	1.446	2.241	2.870	2.929
222	COMPUTER PROG.	173	7.785	7.518	6.776	9.885	6.566	2.998	2.096	1.581	2.168	2.479	2.970
229	COMPUTER SPEC. (NEC)	33	6.233	6.872	4.683	8.278	3.969	2.544	2.321	2.262	2.129	2.281	2.596
230	PHYS. SCI. (NEC)	16	7.319	7.375	7.136	8.197	7.183	3.324	2.529	1.879	2.476	2.938	3.445
231	CHEMIST	93	6.923	6.344	5.802	9.235	5.453	2.756	2.019	1.571	2.092	2.296	2.959
232	PHYSICIST	53	7.133	7.079	6.357	9.715	5.865	2.848	2.628	1.843	2.550	2.752	3.013
234	GEOLOGIST	22	6.765	7.630	6.297	10.505	5.130	3.051	2.097	1.939	2.292	2.462	[illegible].203
240	ENGINEER (NEC)	248	7.352	7.280	6.174	8.916	5.909	2.855	2.214	1.624	2.066	2.492	2.980
241	CIVIL ENGINEER	97	6.968	7.666	6.597	8.857	6.602	2.927	2.262	1.471	2.202	2.508	2.982
242	ELEC. ENGINEER	234	6.417	6.946	6.006	9.425	6.037	2.833	2.151	1.557	2.124	2.538	2.931
243	MECH. ENGINEER	139	7.765	7.282	6.801	9.563	6.117	2.920	2.284	1.604	2.102	2.379	2.834
244	AERONAUTICAL ENG.	40	6.836	4.252	5.205	9.304	5.469	3.048	2.541	1.279	2.184	2.478	2.713
245	CHEM. ENGINEER	42	7.213	6.111	5.804	8.674	5.514	3.274	2.401	1.798	2.266	2.644	2.721
250	ARCHITECT	64	6.255	7.366	5.909	9.020	5.361	2.926	2.160	1.368	2.354	2.455	2.533
299	PHYS. SCI., LAB TECH.	100	6.851	7.041	6.521	9.571	6.175	2.949	2.091	1.767	2.037	2.515	2.668
310	BIOLOGIST, ZOOLOGIST	49	6.857	6.213	6.723	9.384	6.960	2.977	2.485	1.284	2.470	2.576	3.128
313	SPEC. IN AGRIC. SCI.	33	6.417	8.948	6.491	8.418	6.555	3.293	2.270	1.429	1.995	2.293	2.573
314	WLDLF/FOREST SPEC.	43	6.576	7.286	5.978	8.066	5.958	2.686	2.162	1.791	1.757	2.468	2.676
316	MICROBIOLOGIST	9	4.610	9.914	5.890	12.197	4.206	1.302	1.944	1.616	1.871	2.147	3.240
317	BIOCHEMIST	10	5.400	6.360	5.318	13.879	5.700	2.726	2.111	1.054	2.183	2.312	4.022
322	MD-SURGEON	9	6.468	3.441	9.334	6.512	11.673	3.162	1.808	1.669	3.151	2.232	2.330
329	MD-OTHER	185	6.463	7.219	5.274	9.704	4.938	2.858	2.360	1.666	2.114	2.488	2.886
332	DENTIST	92	7.732	7.340	6.961	10.123	6.589	2.798	2.232	1.489	1.922	2.473	2.844
333	VETERINARIAN	30	5.952	7.303	4.292	5.594	5.204	3.044	2.001	1.833	2.173	2.566	2.861
335	PHARMACIST	83	6.398	7.101	6.332	9.719	5.762	3.023	2.389	1.637	2.158	2.511	2.852
336	OPTOMETRIST	14	9.012	6.234	6.890	11.088	6.209	2.174	1.829	1.672	2.556	2.674	3.234
337	RN	8	8.067	7.963	4.926	9.971	6.198	2.748	2.475	1.061	1.982	2.066	3.441
345	CHIROPRACTOR	9	5.679	6.595	7.796	11.677	4.528	2.000	2.062	1.787	1.453	1.986	1.691
347	MED/DENT TECHNOL.	15	8.233	7.149	4.978	9.394	4.240	2.845	2.344	1.280	2.024	2.282	2.610
348	MED/DENT TECHNICIAN	31	9.053	8.021	7.185	11.073	6.345	2.972	2.226	1.455	2.061	2.501	2.460
350	HOSPITAL ADMIN.	13	6.882	9.335	5.802	8.383	5.204	3.230	1.754	1.441	0.862	1.984	2.594
360	PSYCHOLOGIST	96	8.217	7.244	6.380	9.618	6.449	3.274	2.248	1.821	2.297	2.682	2.799
370	SOCIAL WORKER	65	7.748	7.888	6.178	9.925	6.245	3.229	2.128	1.903	2.142	2.428	2.844
372	COUNSELING/GUIDANCE	10	6.433	5.835	3.743	9.016	4.367	2.981	2.716	0.876	1.563	2.830	2.066
373	VOC/ED GUIDANCE	42	7.333	8.575	6.785	10.043	6.215	2.559	2.149	1.668	2.226	2.275	2.882
382	ECONOMIST	32	6.153	7.472	6.270	9.612	6.258	2.712	2.196	1.950	2.169	2.552	2.978
389	SOC. SCI. (MISC)	31	8.516	8.932	7.828	11.812	7.002	3.139	2.306	1.620	2.539	2.678	3.043
391	POLITICIAN	16	7.032	7.441	7.337	9.300	7.066	2.754	2.553	1.778	1.914	2.435	2.762
392	DIPLOMAT	21	7.318	7.872	6.860	9.764	7.240	3.330	2.293	2.095	1.987	2.452	2.834
393	LAWYER	342	6.687	7.095	5.515	9.091	5.627	2.882	2.323	1.766	2.137	2.490	2.858
394	MARKET ANALYST	15	5.824	6.058	4.340	9.960	3.292	3.203	2.219	1.685	2.374	2.798	2.924
397	PUBLIC ADM (NEC)	16	6.947	8.955	5.439	8.794	6.777	3.915	2.129	1.586	1.932	2.221	2.530
398	CITY PLANNER (NEC)	21	6.974	5.903	5.343	8.070	5.793	2.834	2.452	1.742	2.047	2.482	3.487
400	TEACHER (NEC)	479	7.531	7.911	6.795	10.052	6.273	2.885	2.322	1.644	2.097	2.490	2.893
412	TEACHER-ELEM.	53	7.483	8.127	6.989	8.943	5.819	3.106	2.130	1.560	2.269	2.523	2.928
420	TEACHER-HS (NEC)	39	7.765	8.252	7.296	9.881	6.286	2.850	2.376	1.528	2.067	2.748	2.640
421	TEACHER-HS MATH	65	7.300	7.310	6.491	9.297	6.577	2.943	2.433	1.409	1.942	2.527	2.878
422	TEACHER-HS SCIENCE	68	8.507	7.504	6.135	8.558	5.879	2.832	2.077	1.449	2.109	2.481	2.854
423	TEACHER-HS SOC. ST.	85	7.137	6.817	5.984	9.448	6.147	3.169	2.428	1.540	2.165	2.552	2.831
424	TEACHER-ENGLISH	38	8.447	8.172	6.223	10.356	6.378	3.264	2.642	1.521	2.145	2.763	2.940
425	TEACHER-FOR. LANG.	14	9.368	5.943	5.799	7.342	4.016	2.555	2.054	2.098	2.269	1.910	2.738
426	TEACHER-COMM. ED.	14	11.848	9.212	6.259	11.958	5.797	2.929	1.646	0.802	2.045	2.845	2.645
428	TEACHER-TRADES	50	8.621	6.081	6.842	10.633	6.329	2.812	2.281	1.526	1.876	2.361	2.878
429	TEACHER-PHYS. ED.	57	6.502	7.543	6.271	8.494	5.402	2.546	2.171	1.058	1.919	2.673	2.793
431	TEACHER-ART	12	6.468	9.666	5.545	12.129	6.082	2.151	2.015	2.791	2.316	2.734	2.270
432	TEACHER-MUSIC	33	8.880	9.813	7.394	10.419	6.946	3.160	2.273	1.599	2.106	2.295	2.921
440	TEACHER-HANDICAPPED	12	8.365	8.508	8.026	8.390	7.692	3.284	1.832	1.765	2.250	2.480	2.712
450	SCH. ADMIN. (EXC. COLL.)	45	7.005	8.890	6.718	10.661	5.877	2.499	2.190	1.357	1.919	2.278	2.846
460	COLL/UNIV TCHR (NEC)	214	7.132	7.944	6.348	9.668	5.930	3.038	2.355	1.767	2.122	2.524	3.088
461	COLL/UNIV TCHR-MATH	30	7.912	7.304	5.580	9.357	6.057	3.329	2.591	0.887	2.312	2.980	2.874
462	COLL/UNIV TCHR-SCI	48	5.761	7.376	6.407	8.752	6.937	3.229	2.718	1.884	2.202	2.744	3.038
463	COLL/UNIV TCHR-SOC SCI	81	7.235	7.591	5.678	8.907	5.711	3.156	2.216	1.608	2.230	2.915	3.192
464	COLL/UNIV TCHR-ENGLISH	44	6.042	7.950	6.408	9.730	4.500	3.200	2.407	1.272	2.211	2.574	3.061
470	COLL/UNIV TCHR-ADM	13	5.410	6.137	5.158	9.024	4.610	2.911	2.394	0.801	2.279	2.562	2.431
511	LIBRARIAN	9	10.271	7.246	4.387	8.604	4.790	2.804	2.028	0.726	2.398	2.369	2.147
521	CLERGYMAN	177	8.023	8.979	6.252	9.859	5.828	3.047	2.315	1.597	2.093	2.596	2.817
523	RELIGIOUS WORKER (OTHER)	23	6.921	8.696	7.304	9.191	6.701	2.948	2.190	1.807	2.173	2.738	2.933
531	WRITER (NEC)	21	9.357	9.688	9.728	9.969	9.915	2.891	2.548	1.670	2.205	2.302	3.088
534	JOURNALIST/REPORTER	43	7.573	6.889	5.062	9.373	4.951	2.952	1.988	1.567	2.047	2.221	3.158
537	EDITOR	10	8.842	7.072	5.587	11.047	6.346	3.748	2.961	1.764	1.897	2.440	1.838
541	FINE ARTS	22	6.198	10.388	8.243	10.419	6.573	3.113	1.985	2.013	2.405	1.900	2.302
545	COMM ARTIST	54	6.683	8.406	6.700	8.402	5.246	2.750	2.355	1.459	1.959	2.489	2.889
547	DESIGNER (CONS GOODS)	14	5.536	9.988	7.380	10.503	5.863	3.204	2.164	1.578	1.869	2.476	2.739
551	MUSICIAN	17	11.246	7.737	6.104	7.178	7.267	3.345	2.359	1.551	2.099	2.270	2.895

TABLE 1.1 (continued)

#	GROUP	N	MEANS										
			INTEREST INVENTORY (CONTD.)					STUDENT ACTIVITIES INVENTORY					
			OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES	FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS
			P-713	P-714	P-715	P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606
571	ACTOR	11	9.364	13.455	9.091	17.091	7.818	8.182	5.455	3.091	4.091	3.727	5.545
575	THEATRE (OTHER)	25	10.800	14.200	9.720	16.960	8.000	7.600	4.840	2.280	4.320	5.320	5.160
578	RADIO/TV ANNOUN.	23	11.696	15.000	9.087	17.609	9.435	6.435	3.783	2.217	3.391	3.913	5.261
579	MISC PERF ARTS	10	11.100	20.400	11.800	12.100	11.100	7.000	4.600	2.200	3.500	5.100	5.200
611	PRO ATHLETE	12	14.417	15.000	11.000	17.250	10.333	7.500	5.167	2.167	4.833	4.750	5.667
612	PRO ATHLETICS (AUX)	10	8.600	18.000	11.500	23.400	10.000	7.900	4.100	2.000	4.700	4.800	5.300
621	RECREATION DIR.	14	16.571	19.071	13.143	24.643	12.071	6.643	4.643	1.214	4.643	5.143	5.071
623	FRSTRY, HUNT, TRAP	22	8.682	19.955	14.909	30.182	14.045	3.773	3.727	1.409	3.136	3.636	4.636
631	FARM/RANCH OWNER	123	12.528	22.846	16.764	32.878	13.854	5.886	3.829	1.878	4.122	4.610	5.187
632	FARM/RANCH MGR	8	7.125	23.250	15.250	32.750	13.750	6.875	4.000	2.125	4.750	4.375	5.375
639	FARMING (OTHER)	204	11.775	21.108	15.995	31.127	13.814	5.887	3.632	1.799	3.667	4.270	4.755
640	MILITARY (RANK NOT IND)	51	13.510	22.314	14.510	21.137	12.784	6.647	4.43	1.941	4.471	4.569	5.255
641	MILITARY-ENLISTED	27	13.815	23.296	16.333	22.111	14.852	6.037	3.704	2.259	3.593	3.556	4.963
642	MILITARY-OFFICER	111	11.883	19.396	11.045	19.874	9.784	7.009	4.667	2.342	4.991	5.514	5.865
650	INTELLIGENCE-CIA, ETC.	15	11.800	16.533	10.533	23.067	8.533	6.400	4.400	2.133	3.333	3.933	5.533
661	POLICE (PUBLIC)	198	11.000	19.940	13.021	20.457	11.543	6.457	4.351	2.043	4.090	4.255	5.383
666	FIREMAN	49	12.625	20.458	14.833	20.250	11.979	5.917	3.439	1.833	3.729	4.000	4.708
669	OTHER PROTECTIVE	19	13.159	18.000	14.000	22.526	12.947	6.895	4.474	2.316	4.684	4.421	5.842
711A	BANKING & FINANCE, I	66	13.515	17.682	12.394	19.712	11.030	7.045	4.515	2.091	3.697	4.439	5.515
711B	BANKING & FINANCE, II	114	11.693	16.640	10.404	17.702	9.263	6.632	4.904	2.096	4.096	4.974	6.123
712	INVSTMNT,STOCK CONSULT	15	9.733	17.333	8.533	15.133	7.200	8.067	6.133	2.467	4.933	5.867	7.000
716	CPA	167	14.347	17.731	10.401	18.521	9.814	6.689	4.305	2.102	4.090	5.054	5.910
717	ACCTANT (EXC CPA)	329	15.559	18.562	11.863	17.723	10.748	6.672	4.131	1.970	3.775	4.483	5.571
721	PURCHASING AGENT	40	14.400	20.975	12.950	19.150	11.450	7.525	5.125	2.050	4.650	5.000	6.050
722	RETAIL BUYER	10	10.600	15.200	8.500	17.400	7.500	6.600	3.700	2.300	4.000	3.600	4.500
723	EFFICIENCY EXPERT	130	12.100	21.446	11.708	18.400	10.577	6.762	4.415	2.077	4.108	4.869	5.823
724	ADVERTISING	30	9.767	13.633	8.033	15.800	7.200	8.633	5.333	2.667	4.567	4.633	6.367
725	PUBLIC RELATIONS	44	13.000	16.977	11.068	18.136	11.182	8.295	5.523	2.409	4.841	5.318	5.773
726	PERSONNEL ADMIN	72	11.972	16.750	9.486	17.181	9.125	7.750	5.153	1.931	4.222	5.292	6.347
727	APPRAISING/ESTIMATING	35	14.286	19.914	13.457	20.086	12.600	7.571	5.343	2.057	4.143	5.200	5.886
728	LOAN/CREDIT INVESTIG	27	9.778	17.407	10.148	19.704	9.370	7.889	4.741	2.741	4.593	5.222	7.222
730	BUS MGMT/ADMIN (NEC)	514	12.319	19.348	11.790	18.992	10.607	7.125	4.757	2.089	4.128	4.883	5.644
731	MFG MGMT	55	12.000	21.818	12.873	20.109	11.200	7.364	4.873	2.291	3.745	5.400	5.964
732	WHSL/RET TRADE MGMT/MKTG	204	13.206	19.137	11.735	18.696	10.260	7.775	4.750	2.201	4.235	4.953	5.833
738	SUPERVISOR IN BUS	53	14.679	22.717	16.434	21.623	13.679	7.113	4.377	2.075	4.000	4.245	5.472
741	SALESCLERK	27	11.852	17.889	11.963	18.630	12.407	7.074	4.296	2.074	3.370	4.407	5.667
743	STOCKBROKER	17	12.353	17.176	10.118	19.235	9.235	8.353	5.353	2.882	4.647	5.176	6.941
745	REAL EST SLSMAN	24	10.458	17.500	11.500	17.708	10.125	6.500	4.542	2.042	3.667	3.458	4.792
746	INSURANCE SLSMAN	69	11.971	17.667	12.217	19.391	11.116	7.986	5.058	2.565	4.420	4.971	5.855
747	AUTO SLSMAN	11	13.545	19.455	14.818	15.818	14.364	5.455	3.364	2.000	2.273	3.273	3.545
748	OTHER SLSMAN (NEC)	327	12.107	18.615	12.095	19.480	10.780	7.443	4.544	2.177	4.110	4.462	5.670
749	SALES MGR	63	11.000	17.333	10.492	16.429	8.762	7.889	4.667	2.111	3.683	4.556	6.190
751	BOOKKEEPER	12	17.000	22.583	17.750	23.833	14.583	6.000	4.333	1.917	3.750	4.667	6.583
755	MISC ACCT RECDG	13	12.000	17.615	13.154	20.923	11.231	6.538	3.692	1.154	3.462	3.462	4.538
758	COMPUTER OPERATOR	97	13.608	19.031	11.938	17.732	11.227	6.732	3.742	1.948	3.567	4.289	5.103
769	CLERK (MISC)	23	16.043	20.696	14.609	20.739	12.609	7.000	3.913	2.000	3.478	3.913	5.087
772	OFFICE MGR	21	15.667	17.571	12.905	21.762	10.714	5.619	4.000	2.048	3.190	3.714	5.095
789	OTHER "PUB CONTACT" OCCS	10	15.900	16.000	10.600	16.400	11.600	8.300	5.200	1.400	4.500	4.900	6.400
791	RADIO, TELEGR, TTY OP	16	12.688	21.250	14.938	21.063	13.750	5.188	4.125	1.313	3.438	3.938	3.813
796	MAIL CARRIER	20	15.200	22.850	16.400	22.450	13.650	6.250	3.850	2.400	4.550	4.700	5.550
797	MISC CLERICAL	108	15.296	21.583	16.269	22.306	14.500	5.843	3.741	1.796	3.343	3.713	4.713
798	MISC ADMINISTRATIVE	59	12.712	17.559	11.661	19.695	10.729	6.932	4.220	2.034	4.339	4.627	5.983
810	ELECTRICIAN	211	12.005	23.853	15.412	22.062	12.863	5.891	3.739	2.085	3.645	4.043	4.611
811	ELECTRONIC TECHNICIAN	258	11.496	22.973	13.547	19.907	12.074	5.535	3.810	1.880	3.318	4.035	4.752
812	APPLIANCE REPAIR	51	12.647	24.902	15.529	21.725	12.451	5.451	4.000	1.471	3.412	3.902	5.373
813	PHONE INSTALL & REPAIR	53	12.792	24.340	16.170	23.057	13.472	6.604	3.660	1.736	3.755	3.925	4.623
814	REPAIR AND SERV COMP	40	12.225	24.825	14.225	21.925	12.075	5.450	3.775	2.025	3.525	3.400	4.925
820	MECHANIC (NEC)	133	11.248	24.737	17.504	24.173	14.571	5.556	3.504	1.820	3.120	3.466	4.135
821	AUTO MECHANIC	112	12.027	26.143	17.054	22.902	15.036	5.429	3.286	1.652	3.018	3.375	4.339
822	AIRPLANE MECHANIC	101	11.386	24.634	15.861	23.416	14.455	6.426	3.911	2.158	3.762	4.149	4.802
823	OFFICE MACH REPAIR	14	11.357	24.071	15.786	24.643	14.714	6.071	3.857	1.786	3.214	4.286	4.571
824	IND MACH REPAIR	28	12.786	24.393	16.393	24.893	15.321	6.393	3.071	1.429	3.393	3.750	4.429
828	MACHINIST	275	11.464	25.047	16.373	23.127	14.580	6.261	3.739	1.924	3.859	4.072	4.967
831	CABINET MAKER	11	8.909	19.364	14.636	17.364	11.364	4.364	2.727	1.545	2.909	3.455	3.727
832	CARPENTER	63	13.000	23.460	17.698	25.254	14.302	5.651	3.698	1.952	3.508	3.540	4.551
833	METAL TRADES	119	13.479	24.244	17.462	25.134	14.908	5.983	3.622	1.723	3.361	3.639	4.317
834	BRKLYR, MASON, PTR, RFR	66	13.500	24.030	17.394	22.197	14.667	6.000	3.818	1.803	3.323	3.788	4.803
835	PLUMBER, PIPEFITTER	81	12.457	23.111	16.383	22.457	14.543	6.235	3.667	2.037	3.667	3.778	4.444
836	HEAVY EQUIP OP	42	11.214	22.405	15.762	24.643	13.381	5.548	3.762	1.905	3.857	4.190	4.714
837	MISC BLDG & CONST	43	10.140	24.256	17.023	26.093	14.395	5.907	3.814	1.884	3.837	4.116	4.767
838	MINING, QUARRYING, DRLNG	12	14.333	23.250	17.167	26.917	14.500	7.500	4.750	1.500	4.000	4.583	3.917
841	PILOT	164	10.860	19.573	10.756	19.866	9.768	6.561	4.537	2.213	4.262	4.793	5.409
843	AIRPLANE NAVIGATOR	10	9.100	16.000	6.900	21.000	7.800	6.200	4.300	2.300	4.500	4.700	6.700
848	AIR TRAFFIC CONTROLLER	10	12.500	22.100	12.900	21.200	11.200	6.700	4.400	2.900	3.700	3.900	5.900
851	MERCHANT MARINE OCC	14	9.714	22.143	15.357	23.500	13.714	7.071	4.500	2.571	4.786	4.571	6.071
852	RAILROAD OCCS	22	13.364	20.864	15.091	24.864	14.091	6.682	3.591	2.273	3.773	3.364	4.545
853	AUTO, BUS, TRUCK DRIVER	91	10.308	22.220	16.176	25.462	15.494	5.967	3.593	1.923	3.363	3.857	4.385
861	PRINTING TRADES	104	12.788	22.144	16.731	21.875	14.183	6.010	3.481	1.692	3.298	3.942	5.096
863	SURVEYOR	20	14.100	22.250	15.450	23.350	14.900	5.500	4.500	1.700	3.500	3.750	5.500
864	DRAFTSMAN	134	12.627	23.351	14.918	19.963	12.619	6.216	3.627	1.664	3.291	3.985	5.119
865	PHOTOGRAPHY	37	12.973	21.027	13.027	21.405	12.270	5.486	4.595	1.838	3.135	3.[illegible]	4.568
866	INTERIOR DECORATOR	8	16.875	22.375	14.500	22.875	11.125	8.375	5.000	3.000	4.500	5.125	6.250
867	LANDSCAPE ARCH	9	11.556	20.556	14.111	22.222	13.778	5.778	4.111	1.111	3.667	3.444	4.444
881	FOOD & BEVERAGE PREP	20	16.300	22.050	18.200	20.450	13.800	5.250	2.850	1.200	2.700	3.600	4.900
885	BUTCHER, MEAT CUTTER	35	13.171	21.771	17.486	23.400	13.743	6.057	3.400	1.771	3.714	4.057	5.514
891	MISC PERSONAL SERV	8	19.625	23.750	17.625	21.625	13.500	7.125	4.375	2.625	2.875	3.750	4.250
892	BARBER	29	12.103	19.000	14.828	21.414	11.862	6.552	3.552	1.517	3.483	3.655	4.897
893	HAIRDRESSER	18	14.778	13.778	10.722	11.722	8.111	6.722	5.056	2.333	2.667	4.611	5.333
899	GENERAL LABORER	314	12.933	21.838	16.538	23.255	15.322	5.790	3.599	1.959	3.420	3.570	4.522
	TOTAL	14570	12.223	19.895	12.598	20.040	11.158	6.422	4.353	1.958	3.931	4.521	5.421

TABLE 1.1 (continued)

			STANDARD DEVIATIONS										
			INTEREST INVENTORY (CONTD.)					STUDENT ACTIVITIES INVENTORY					
#	GROUP	N	OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES	FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS
			P-713	P-714	P-715	P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606
571	ACTOR	11	9.266	9.015	8.203	10.329	5.095	2.822	2.583	2.119	2.587	2.494	3.475
575	THEATRE (OTHER)	25	9.986	8.221	6.235	10.616	7.012	3.122	1.864	1.568	2.036	2.410	3.625
578	RADIO/TV ANNOUN.	23	9.271	8.135	7.537	10.439	5.806	2.694	2.275	1.650	2.271	2.275	2.527
579	MISC PERF ARTS	13	7.937	6.222	5.940	8.212	7.752	2.708	2.119	1.619	2.321	3.446	2.898
611	PRO ATHLETE	12	8.639	6.238	4.592	10.670	4.141	2.970	2.855	1.193	1.850	3.223	4.141
612	PRO ATHLETICS (AUX)	10	5.719	8.246	8.073	8.669	5.033	2.685	2.601	1.333	1.889	3.360	3.974
621	RECREATION DIR.	14	9.403	7.353	7.492	8.941	6.342	3.177	2.061	1.369	2.170	2.445	3.050
623	FRSTRY, HUNT, TRAP	22	6.535	8.699	7.457	6.254	7.115	2.927	1.751	1.593	1.910	1.866	2.237
631	FARM/RANCH OWNER	123	8.692	7.635	6.756	6.171	5.950	2.729	2.130	1.561	1.858	2.415	2.638
632	FARM/RANCH MGR	9	5.249	6.882	7.086	4.773	6.089	3.271	2.878	1.356	2.315	3.335	2.387
639	FARMING (OTHER)	204	8.026	7.432	6.588	5.955	6.023	2.931	2.241	1.571	2.043	2.535	2.819
640	MILITARY (RANK NOT IND)	51	7.765	7.331	7.001	9.302	6.649	2.911	2.166	1.771	2.033	2.476	2.591
641	MILITARY-ENLISTED	27	9.962	6.107	6.651	10.188	5.743	3.192	2.145	1.559	2.291	2.207	2.766
642	MILITARY-OFFICER	111	6.525	6.919	6.497	8.365	5.780	2.871	2.372	1.671	2.087	2.511	2.943
650	INTELLIGENCE-CIA, ETC.	15	7.408	7.615	5.343	7.667	4.518	3.203	2.414	1.598	2.350	2.520	3.292
661	POLICE (PUBLIC)	189	8.064	8.093	6.939	10.626	6.721	2.816	2.202	1.595	2.007	2.321	2.742
666	FIREMAN	49	8.680	7.041	6.780	9.624	5.902	2.835	1.797	1.310	1.910	2.114	2.396
669	OTHER PROTECTIVE	19	10.372	9.655	8.505	8.695	7.337	3.828	2.716	1.635	2.212	2.457	2.834
711A	BANKING & FINANCE, I	66	7.796	7.698	6.554	10.066	6.209	2.890	2.451	1.919	2.273	2.632	2.769
711B	BANKING & FINANCE, II	114	7.483	7.743	6.857	9.806	6.274	2.894	2.222	1.629	2.082	2.652	2.618
712	INVSTMNT,STOCK CONSULT	15	6.541	6.554	5.553	6.243	5.685	2.685	2.167	1.552	2.219	2.167	3.251
716	CPA	167	7.257	7.238	5.594	9.007	5.487	2.916	2.379	1.745	2.270	2.492	2.965
717	ACCTANT (EXC CPA)	320	8.175	7.847	6.398	9.463	6.086	2.977	2.323	1.676	2.151	2.674	2.819
721	PURCHASING AGENT	40	6.983	6.533	6.189	9.989	6.492	2.783	2.399	1.825	1.777	2.679	2.640
722	RETAIL BUYER	10	7.367	7.421	10.438	9.709	8.960	2.547	1.494	2.452	1.886	2.066	2.121
723	EFFICIENCY EXPERT	130	7.793	7.150	6.586	9.491	6.060	3.176	2.305	1.553	2.186	2.642	2.900
724	ADVERTISING	32	8.241	8.931	5.798	7.676	5.410	2.735	2.040	2.057	1.755	2.385	2.341
725	PUBLIC RELATIONS	64	8.075	7.934	6.838	8.754	6.296	2.638	2.689	1.859	1.976	2.726	2.819
726	PERSONNEL ADMIN	72	7.697	7.244	5.657	9.008	5.498	2.668	2.147	1.722	2.339	2.286	2.670
727	APPRAISING/ESTIMATING	35	9.154	9.233	9.118	11.330	6.865	3.137	2.222	1.494	2.198	2.435	2.816
728	LOAN/CREDIT INVESTIG	27	8.011	7.132	6.243	7.932	5.975	2.423	2.049	1.852	2.062	2.326	2.391
730	BUS MGMT/ADMIN (NEC)	514	7.503	7.592	6.929	9.857	6.502	2.802	2.319	1.654	2.049	2.606	2.780
731	MFG MGMT	55	7.152	6.821	6.046	10.957	5.317	3.123	2.212	1.707	2.246	2.671	3.000
732	WHSL/RET TRADE MGMT/MKTG	204	7.268	7.827	6.462	9.543	6.103	2.656	2.202	1.608	2.099	2.357	2.708
738	SUPERVISOR IN BUS	53	7.269	7.151	6.565	8.307	5.879	3.178	2.141	1.662	2.029	2.564	2.539
741	SALESCLERK	27	9.285	8.518	7.658	11.067	7.023	2.688	2.216	1.517	2.097	2.978	2.732
743	STOCKBROKER	17	6.576	6.930	5.487	9.114	5.238	2.621	2.290	2.342	1.367	2.555	2.045
745	REAL EST SLSMAN	24	5.920	8.944	7.507	10.921	6.784	2.766	2.395	1.517	2.099	2.750	2.934
746	INSURANCE SLSMAN	69	7.358	7.194	7.006	10.130	5.805	2.637	2.351	1.827	2.219	2.612	3.126
747	AUTO SLSMAN	11	11.021	7.076	5.759	8.085	8.298	2.841	2.014	1.342	1.954	1.902	2.207
748	OTHER SLSMAN (NEC)	327	7.691	8.015	7.028	9.762	6.361	2.800	2.226	1.676	2.213	2.500	2.783
749	SALES MGR	63	6.185	7.509	6.268	8.399	5.070	2.935	2.369	1.618	2.184	2.614	2.764
751	BOOKKEEPER	12	10.720	8.339	8.092	11.093	6.815	2.256	2.348	1.443	2.261	2.425	2.466
755	MISC ACCT RECDG	13	9.220	6.690	7.313	7.889	5.688	3.017	1.888	1.068	2.025	2.570	2.696
758	COMPUTER OPERATOR	27	8.947	7.818	6.705	8.816	6.291	2.819	2.205	1.446	2.041	2.669	2.774
769	CLERK (MISC)	23	9.833	7.035	6.900	10.358	6.140	2.153	2.193	1.348	2.020	2.275	2.859
772	OFFICE MGR	21	10.155	7.801	7.911	9.033	7.142	3.232	2.588	1.244	2.379	2.533	3.113
789	OTHER "PUB CONTACT" OCCS	10	5.896	9.043	6.346	7.706	6.786	1.829	2.098	0.966	2.121	2.331	3.748
791	RADIO, TELEGR, TTY OP	16	7.255	8.120	6.329	8.767	5.756	3.016	1.893	1.302	2.337	2.645	2.639
796	MAIL CARRIER	20	6.534	8.437	5.734	10.995	6.352	2.633	1.565	1.698	1.276	1.342	2.477
797	MISC CLERICAL	129	8.502	7.351	6.993	9.659	6.216	2.990	2.193	1.521	2.145	2.506	2.598
798	MISC ADMINISTRATIVE	69	8.991	8.342	7.415	10.592	6.713	3.167	2.282	1.462	2.022	2.442	2.782
810	ELECTRICIAN	211	8.317	7.301	6.858	9.381	6.135	2.972	2.163	1.503	2.112	2.329	2.784
811	ELECTRONIC TECHNICIAN	259	7.300	6.785	6.464	9.596	6.293	2.867	2.133	1.614	2.126	2.423	2.712
812	APPLIANCE REPAIR	51	7.639	6.426	5.948	9.181	5.988	3.055	2.209	1.317	1.972	2.759	2.898
813	PHONE INSTALL & REPAIR	53	7.624	6.694	5.941	9.578	5.895	2.204	2.157	1.521	2.009	2.425	2.581
814	REPAIR AND SERV COMP	40	7.621	7.348	6.635	10.341	5.254	2.521	2.247	1.510	1.811	2.134	3.058
820	MECHANIC (NEC)	133	8.054	7.212	6.062	10.807	6.223	2.906	2.088	1.476	2.071	2.344	2.489
821	AUTO MECHANIC	112	8.146	5.717	6.595	10.419	6.077	2.773	2.224	1.340	2.101	2.428	3.066
822	AIRPLANE MECHANIC	101	7.255	6.151	5.834	9.101	6.041	2.868	2.337	1.534	2.169	2.291	2.665
823	OFFICE MACH REPAIR	14	6.008	6.810	6.167	10.732	5.136	2.973	2.381	1.528	1.888	2.585	2.027
824	IND MACH REPAIR	29	6.431	4.645	5.418	8.066	5.172	2.470	2.124	1.103	2.393	2.119	2.673
828	MACHINIST	276	7.731	6.552	6.224	9.798	6.008	3.045	2.302	1.532	2.082	2.387	2.740
831	CABINET MAKER	11	5.974	8.310	8.891	9.626	7.393	2.803	2.412	0.934	1.578	2.423	2.832
832	CARPENTER	63	8.074	7.123	6.593	7.915	5.667	2.841	2.099	1.408	1.975	2.007	2.451
833	METAL TRADES	119	8.376	6.743	6.424	10.085	6.478	3.095	2.139	1.396	2.061	2.364	2.777
834	BRKLYR, MASON, PTR, RFR	66	8.815	7.367	6.768	9.819	6.889	2.790	2.126	1.648	1.987	2.297	2.531
835	PLUMBER, PIPEFITTER	91	8.440	5.390	5.974	9.127	6.444	2.461	2.025	1.691	1.962	2.475	2.434
836	HEAVY EQUIP OP	42	9.606	8.793	7.814	9.604	7.109	2.787	2.162	1.462	2.079	2.371	2.708
837	MISC BLDG & CONST	43	7.206	6.426	6.692	10.371	5.132	2.784	2.185	1.577	1.851	2.528	3.054
838	MINING, QUARRYING, DRLNG	12	7.889	9.382	7.626	9.737	7.622	2.316	1.865	1.314	1.954	2.353	2.314
841	PILOT	164	7.404	7.478	6.301	8.832	6.257	2.859	2.219	1.789	2.243	2.448	2.769
843	AIRPLANE NAVIGATOR	10	6.244	5.907	4.654	9.615	3.120	1.814	1.829	1.337	1.958	2.830	2.541
848	AIR TRAFFIC CONTROLLER	10	4.453	5.446	5.363	8.766	5.266	2.908	2.836	1.969	1.767	2.726	2.573
851	MERCHANT MARINE OCC	14	5.075	7.705	8.688	9.733	7.151	3.222	2.210	1.910	1.847	2.138	2.759
852	RAILROAD OCCS	22	9.693	9.151	7.283	7.649	5.991	2.626	2.108	1.856	2.409	2.610	2.324
853	AUTO, BUS, TRUCK DRIVER	91	7.561	6.314	6.051	9.733	5.636	2.549	1.972	1.416	1.918	2.168	2.529
861	PRINTING TRADES	104	8.612	7.686	6.917	9.933	5.814	2.609	2.081	1.408	2.090	2.409	2.518
863	SURVEYOR	20	8.855	7.440	7.015	10.874	7.920	3.269	2.705	1.559	1.906	2.221	3.035
864	DRAFTSMAN	134	7.128	7.456	6.594	9.369	5.919	2.765	1.987	1.531	1.996	2.356	2.504
865	PHOTOGRAPHY	37	6.829	7.128	7.290	10.115	7.582	2.775	2.006	1.385	2.136	2.329	2.714
866	INTERIOR DECORATOR	8	9.963	5.854	7.407	7.699	6.312	3.292	2.673	2.000	1.604	2.850	3.655
867	LANDSCAPE ARCH	9	5.223	6.729	5.134	7.480	5.911	3.667	3.296	1.054	2.179	3.283	2.920
881	FOOD & BEVERAGE PREP	20	8.272	5.916	6.534	10.339	5.899	2.531	2.007	1.322	1.976	2.280	2.845
885	BUTCHER, MEAT CUTTER	35	7.571	7.166	7.422	10.268	5.648	2.531	1.973	1.262	1.792	2.508	2.490
891	MISC PERSONAL SERV	8	6.346	9.780	9.591	8.417	9.181	2.696	1.685	1.768	1.553	1.669	1.982
892	BARBER	29	7.566	7.455	8.005	11.630	8.105	2.995	2.148	1.122	2.011	2.349	2.396
893	HAIRDRESSER	18	10.779	7.651	6.076	8.969	6.425	2.824	2.531	1.879	2.249	2.524	2.951
899	GENERAL LABORER	314	8.458	7.841	7.118	9.580	6.319	2.722	2.142	1.613	2.052	2.471	2.661
	TOTAL	14570	7.836	8.099	7.081	10.079	6.566	2.970	2.318	1.624	2.146	2.548	2.873

TABLE 1.1 (continued)

#	GROUP	N	MEANS										
			STUDENT ACTIVITIES INVENTORY (CONTD.)					STUDENT INFORMATION BLANK SCALES					
			CULTURE	LEADERSHIP	SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS
			R-607	R-608	R-609	R-610	D-802	F-803	P-820	F-822	F-823	P-827	P-828
000	NO ANSWER	1766	4.719	1.319	5.190	11.200	0.493	35.914	24.303	24.088	13.867	23.726	20.959
001	DON'T KNOW	734	4.244	1.149	4.858	9.925	0.450	35.695	22.493	21.168	12.831	22.485	20.045
101	EXECUTIVE (NEC)	59	5.339	1.627	5.593	12.763	0.712	42.085	26.780	27.136	16.322	26.136	22.695
102	FOREMAN (NEC)	103	4.505	1.155	5.311	10.631	0.252	29.621	20.913	21.350	14.126	22.689	19.534
111	WORK FOR GOVT (NEC)	49	5.000	1.571	5.061	11.383	0.469	34.286	24.388	24.041	14.061	24.245	20.755
112	IN BUS. FOR SELF (NEC)	255	4.306	1.420	5.353	10.957	0.447	34.102	21.925	23.935	14.302	22.390	19.733
120	IND., BUS., COMM. (NEC)	161	4.944	1.391	5.615	11.894	0.634	37.938	23.317	25.050	14.975	24.695	21.255
121	RETAIL (NEC)	22	4.364	0.909	5.682	10.318	0.545	35.091	20.636	30.682	14.636	23.273	21.636
122	TRANSPORTATION (NEC)	16	3.813	1.625	5.625	10.250	0.625	37.125	20.750	21.313	16.000	21.000	17.750
123	REAL ESTATE(NEC)	9	4.667	1.000	5.111	12.889	0.667	41.556	23.333	27.111	16.778	22.111	22.111
124	INSURANCE (NEC)	24	5.167	1.375	5.083	11.667	0.625	41.167	20.458	22.417	12.958	23.792	21.750
125	ELECTRONICS (NEC)	112	4.196	0.973	5.487	10.903	0.363	35.195	21.673	21.982	14.053	23.221	19.363
211	MATH., STAT.	42	4.952	1.524	5.905	13.643	0.905	46.524	34.571	21.857	15.262	29.476	24.048
212	OTHER STATISTICS	10	4.600	1.300	4.800	11.600	0.900	42.600	34.400	30.100	13.400	26.400	24.700
221	SYSTEMS ANALYST	55	5.214	1.946	5.964	14.286	0.875	46.732	30.893	25.250	15.179	29.250	23.875
222	COMPUTER PROG.	173	4.382	1.225	5.306	11.397	0.647	40.266	25.231	22.480	14.434	24.827	20.017
229	COMPUTER SPEC. (NEC)	38	4.816	1.368	5.605	11.842	0.694	43.500	28.816	28.553	16.921	26.816	22.368
230	PHYS. SCI. (NEC)	16	5.000	0.813	6.188	12.500	0.938	45.250	27.938	18.438	12.813	28.500	22.875
231	CHEMIST	93	4.591	1.247	5.452	13.226	0.903	48.140	31.237	24.828	14.258	28.398	22.624
232	PHYSICIST	53	4.925	1.642	6.604	15.604	0.925	48.000	35.849	25.245	15.264	28.698	22.830
234	GEOLOGIST	22	4.727	1.182	6.273	13.091	0.955	50.045	28.818	25.955	15.227	27.364	23.273
240	ENGINEER (NEC)	248	4.903	1.573	5.823	13.396	0.875	46.403	31.843	25.125	16.282	27.383	23.371
241	CIVIL ENGINEER	97	4.505	1.371	5.660	12.866	0.835	44.928	30.402	25.402	14.381	26.660	22.567
242	ELEC. ENGINEER	234	4.568	1.338	5.521	12.863	0.868	45.355	30.299	23.521	15.564	26.927	22.521
243	MECH. ENGINEER	139	4.655	1.345	5.525	13.655	0.835	45.403	31.525	20.892	14.777	27.892	22.165
244	AERONAUTICAL ENG.	40	5.250	1.475	5.025	14.800	0.850	45.650	33.250	23.125	15.775	28.175	22.400
245	CHEM. ENGINEER	48	4.563	1.521	5.979	14.708	0.938	48.458	34.708	18.875	16.042	29.521	24.021
250	ARCHITECT	64	5.594	1.359	5.219	12.609	0.844	45.422	28.188	30.625	16.219	26.750	22.734
299	PHYS. SCI., LAB TECH.	100	4.160	1.100	5.260	10.500	0.520	37.100	24.410	20.760	14.540	23.430	20.330
310	BIOLOGIST, ZOOLOGIST	48	4.979	1.313	5.146	11.625	0.792	46.083	27.667	28.208	15.813	27.479	22.271
313	SPEC. IN AGRIC. SCI.	33	4.576	1.576	5.727	12.636	0.636	35.727	27.364	24.030	17.061	26.182	21.758
314	WLDLF/FOREST SPEC.	43	4.535	1.372	4.907	12.512	0.628	42.000	28.372	26.395	15.349	24.116	20.512
316	MICROBIOLOGIST	9	5.889	1.889	6.111	15.222	0.778	45.778	32.778	34.556	16.778	26.889	26.111
317	BIOCHEMIST	10	4.800	0.700	5.300	12.500	0.900	45.800	25.700	17.900	15.500	27.200	20.500
322	MD-SURGEON	8	5.250	2.000	6.500	14.250	0.875	46.625	33.375	22.375	14.875	30.625	23.875
329	MD-OTHER	186	5.667	2.220	6.339	15.312	0.946	50.570	37.339	25.188	17.000	29.634	26.344
332	DENTIST	92	5.880	2.130	6.217	14.652	0.935	48.337	33.424	26.685	17.565	29.283	24.957
333	VETERINARIAN	30	4.500	1.933	5.067	14.133	0.900	43.233	32.067	24.367	17.733	25.567	20.367
335	PHARMACIST	80	5.337	1.562	5.674	13.820	0.820	42.719	30.135	24.045	15.225	26.798	23.551
336	OPTOMETRIST	14	5.357	2.286	6.571	13.071	1.000	48.929	25.143	25.000	13.571	28.071	21.357
337	RN	8	4.500	0.875	4.875	9.750	0.375	35.625	23.375	24.625	11.875	22.250	24.625
345	CHIROPRACTOR	9	6.000	1.556	6.333	12.444	0.667	38.889	27.000	31.444	16.444	25.444	23.889
347	MED/DENT TECHNOL.	15	4.333	1.000	5.200	10.533	0.667	39.733	24.333	11.933	11.667	26.600	20.267
348	MED/DENT TECHNICIAN	31	4.323	1.484	4.484	9.581	0.387	32.613	23.806	26.161	12.935	22.065	20.258
350	HOSPITAL ADMIN.	13	5.769	1.692	6.538	13.923	0.692	33.462	23.769	19.846	16.308	27.462	26.462
360	PSYCHOLOGIST	24	5.138	1.702	5.500	12.564	0.872	46.457	29.266	23.362	15.919	26.574	25.553
370	SOCIAL WORKER	65	5.077	1.523	5.446	11.446	0.800	42.769	26.785	24.954	15.831	24.923	22.692
372	COUNSELING/GUIDANCE	10	6.000	2.300	5.100	11.900	0.900	41.500	27.100	21.400	18.100	25.500	20.000
373	VOC/ED GUIDANCE	42	6.238	1.952	5.929	12.952	0.857	45.190	29.452	29.119	17.476	28.357	26.452
382	ECONOMIST	32	5.563	1.313	4.938	12.18	0.938	47.125	27.125	25.094	15.125	26.688	23.781
389	SOC. SCI. (MISC)	31	6.194	1.742	5.516	13.194	0.806	44.742	25.129	25.548	16.774	[illegible]	[illegible]
391	POLITICIAN	16	5.438	1.375	4.750	11.638	0.938	46.375	27.813	33.000	17.688	27.125	26.000
392	DIPLOMAT	21	6.190	1.619	5.333	13.810	0.905	45.905	33.524	27.714	15.429	27.381	25.333
393	LAWYER	342	5.836	2.190	6.284	13.997	0.930	47.953	31.436	26.401	16.974	28.228	[illegible]
394	MARKET ANALYST	15	4.733	1.600	5.967	12.200	0.933	47.200	25.400	33.133	17.067	25.000	[illegible]
397	PUBLIC ADM (NEC)	16	6.375	1.938	6.250	13.500	1.000	48.125	29.625	30.188	16.625	27.188	[illegible]
398	CITY PLANNER (NEC)	21	5.476	2.048	5.429	13.429	0.905	47.476	26.952	22.952	16.762	27.476	[illegible]
400	TEACHER (NEC)	478	5.040	1.640	5.318	12.230	0.751	41.600	27.251	24.477	15.649	25.866	[illegible]
412	TEACHER-ELEM.	53	5.113	1.321	5.660	10.925	0.679	38.415	25.377	22.132	14.585	25.057	[illegible]
420	TEACHER-HS (NEC)	98	5.133	1.520	5.704	12.184	0.765	41.735	26.265	25.082	15.816	25.408	[illegible]
421	TEACHER-HS MATH	65	4.908	1.600	5.508	12.031	0.877	45.062	31.877	24.385	14.538	27.415	[illegible]
422	TEACHER-HS SCIENCE	69	4.206	1.206	5.368	10.868	0.824	43.265	28.279	26.000	15.118	26.015	21.882
423	TEACHER-HS SOC. ST.	85	4.729	1.588	5.388	11.729	0.788	41.047	26.024	24.906	15.035	25.776	23.329
424	TEACHER-ENGLISH	38	5.289	1.684	5.789	12.000	0.842	47.289	26.289	28.000	15.921	27.474	28.816
425	TEACHER-FOR. LANG.	14	5.143	1.500	6.071	14.000	0.929	47.929	33.214	22.500	15.571	29.357	23.714
426	TEACHER-COMM. ED.	14	5.429	1.857	5.571	13.071	0.571	40.000	27.214	31.857	15.000	26.214	22.500
428	TEACHER-TRADES	50	5.360	1.720	5.800	13.920	0.600	36.500	25.760	26.580	15.360	24.780	20.020
429	TEACHER-PHYS. ED.	57	4.596	1.263	5.404	10.930	0.684	39.316	23.702	21.491	14.491	23.877	19.667
431	TEACHER-ART	12	7.167	1.667	6.333	13.833	0.583	39.417	23.667	35.417	18.917	23.750	26.250
432	TEACHER-MUSIC	30	6.100	1.367	5.367	12.033	0.600	39.867	23.900	28.467	14.800	23.867	23.867
440	TEACHER-HANDICAPPED	12	5.667	1.583	4.500	12.250	0.750	40.583	24.917	26.833	14.083	28.083	25.417
450	SCH. ADMIN. (EXC. COLL.)	45	5.978	2.289	6.378	13.911	0.900	44.378	29.489	30.511	17.689	26.867	25.200
460	COLL/UNIV TCHR (NEC)	214	5.715	1.925	6.065	13.607	0.869	46.388	31.748	26.056	16.883	27.893	26.729
461	COLL/UNIV TCHR-MATH	30	4.933	1.633	5.667	14.633	0.767	50.433	38.400	20.167	15.133	30.800	27.900
462	COLL/UNIV TCHR-SCI	48	4.979	1.958	6.604	14.542	0.938	49.479	36.146	30.063	17.063	28.875	25.917
463	COLL/UNIV TCHR-SOC SCI	81	5.025	1.951	5.815	13.728	0.926	47.321	32.272	26.160	15.111	28.111	27.012
464	COLL/UNIV TCHR-ENGLISH	44	6.250	1.886	5.750	13.886	0.909	46.045	32.023	26.409	14.795	28.309	30.591
470	COLL/UNIV TCHR-ADM	13	5.462	2.615	6.462	14.077	1.000	42.923	31.385	29.846	16.769	27.231	27.308
511	LIBRARIAN	9	7.667	1.111	5.556	13.778	0.889	43.444	31.778	30.333	13.222	29.111	31.667
521	CLERGYMAN	177	6.226	1.684	5.791	14.113	0.721	42.446	29.972	24.774	17.418	28.531	25.814
523	RELIGIOUS WORKER (OTHER)	23	5.217	1.304	5.391	12.826	0.522	38.522	26.696	24.217	15.478	26.696	23.522
531	WRITER (NEC)	21	5.429	1.952	5.524	11.333	0.667	42.714	23.905	24.571	14.762	24.905	28.286
534	JOURNALIST/REPORTER	43	5.093	1.116	5.163	11.465	0.698	43.791	26.209	27.884	16.209	25.140	27.256
537	EDITOR	10	5.400	2.200	5.700	13.700	0.800	43.500	27.400	14.500	10.800	24.400	30.200
541	FINE ARTS	22	6.136	1.364	5.455	11.000	0.591	37.955	24.591	25.182	16.864	23.727	25.909
545	COMM ARTIST	54	5.185	1.185	5.593	11.556	0.407	36.315	22.315	25.111	14.741	24.389	21.667
547	DESIGNER (CONS GOODS)	14	5.500	1.357	6.643	13.786	0.429	33.143	22.286	20.786	16.357	24.714	22.000
551	MUSICIAN	17	6.294	2.000	6.000	14.059	0.706	38.824	27.765	28.706	15.000	24.706	24.412

TABLE 1.1 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			STUDENT ACTIVITIES INVENTORY (CONTD.)					STUDENT INFORMATION BLANK SCALES					
			CULTURE	LEADERSHIP	SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS
			R-607	R-608	R-609	R-610	D-802	F-803	P-820	F-822	F-823	P-827	P-828
000	NO ANSWER	1766	2.345	1.395	2.486	5.301	0.500	13.080	9.588	17.373	6.936	6.015	8.880
001	DON'T KNOW	734	2.314	1.320	2.403	5.160	0.498	13.352	9.344	16.798	7.034	5.883	8.913
101	EXECUTIVE (NEC)	53	2.669	1.351	2.513	5.197	0.457	11.815	9.663	17.878	6.138	5.578	8.875
102	FOREMAN (NEC)	103	2.257	1.243	2.029	4.485	0.437	11.244	9.416	16.177	7.543	4.835	8.520
111	WORK FOR GOVT (NEC)	49	2.492	1.458	2.512	5.384	0.504	13.205	8.291	18.733	8.313	5.998	8.847
112	IN BUS. FOR SELF (NEC)	255	2.185	1.425	2.577	5.025	0.498	13.249	9.087	18.310	7.126	6.081	8.507
120	IND., BUS., COMM. (NEC)	161	2.192	1.419	2.356	5.313	0.483	12.252	8.572	17.969	6.640	5.623	8.379
121	RETAIL (NEC)	22	2.300	1.019	2.234	5.149	0.510	12.532	7.468	16.226	6.779	5.138	8.533
122	TRANSPORTATION (NEC)	16	2.007	1.668	2.802	5.568	0.500	13.356	8.466	15.555	7.033	4.913	7.576
123	REAL ESTATE(NEC)	9	2.739	0.866	2.848	5.183	0.500	15.167	7.036	17.603	6.241	5.622	5.085
124	INSURANCE (NEC)	24	1.949	1.377	2.701	4.815	0.495	13.736	7.644	12.625	5.864	5.956	10.070
125	ELECTRONICS (NEC)	113	1.957	1.073	2.365	5.359	0.483	13.156	9.446	16.645	5.985	5.764	8.582
211	MATH., STAT.	42	2.295	1.383	2.937	5.712	0.297	9.293	9.892	15.734	7.470	4.086	7.493
212	OTHER STATISTICS	10	2.366	1.418	1.549	4.008	0.316	14.331	8.984	20.910	5.542	8.514	6.038
221	SYSTEMS ANALYST	56	2.542	1.600	2.434	5.771	0.334	10.882	9.730	19.487	6.801	5.458	9.195
222	COMPUTER PROG.	173	2.286	1.312	2.469	5.219	0.479	11.567	9.226	17.359	6.632	5.570	8.723
229	COMPUTER SPEC. (NEC)	33	2.608	1.239	2.843	4.978	0.471	11.900	9.580	17.308	6.175	5.311	8.182
230	PHYS. SCI. (NEC)	16	2.757	0.834	3.146	5.020	0.250	10.116	10.122	16.256	5.588	5.621	7.856
231	CHEMIST	93	2.369	1.388	2.556	4.939	0.297	9.457	9.112	15.661	6.255	5.074	6.970
232	PHYSICIST	53	2.834	1.469	2.983	6.153	0.267	8.799	9.303	17.079	6.989	5.351	8.462
234	GEOLOGIST	22	2.354	1.500	2.898	5.399	0.213	9.183	8.611	15.798	5.246	6.499	7.427
240	ENGINEER (NEC)	248	2.313	1.485	2.513	5.618	0.331	9.961	9.372	17.494	6.314	5.149	7.992
241	CIVIL ENGINEER	97	2.459	1.481	2.423	5.299	0.373	10.046	9.372	16.426	6.140	5.400	8.802
242	ELEC. ENGINEER	234	2.293	1.390	2.627	5.372	0.340	9.007	9.951	17.690	5.995	5.154	8.612
243	MECH. ENGINEER	139	2.550	1.261	2.555	5.107	0.373	9.544	9.127	14.893	6.113	5.381	8.414
244	AERONAUTICAL ENG.	40	2.216	1.536	2.694	5.140	0.362	9.080	10.429	16.977	6.996	4.402	8.424
245	CHEM. ENGINEER	49	2.172	1.530	2.662	5.190	0.245	10.135	8.480	14.838	6.105	5.283	7.399
250	ARCHITECT	44	2.408	1.213	2.236	5.344	0.366	8.633	9.667	17.411	6.258	4.643	8.994
299	PHYS. SCI., LAB TECH.	122	2.019	1.299	2.372	4.908	0.502	13.349	9.359	16.099	6.961	5.591	8.852
310	BIOLOGIST, ZOOLOGIST	43	2.531	1.587	2.917	5.472	0.410	9.882	10.696	17.284	5.172	5.672	9.464
313	SPEC. IN AGRIC. SCI.	33	2.136	1.226	2.565	5.430	0.489	11.536	8.714	16.697	5.728	6.090	9.391
314	WLDLF/FOREST SPEC.	43	1.919	1.291	2.369	4.964	0.489	10.784	9.888	16.045	7.755	4.288	8.844
316	MICROBIOLOGIST	9	2.667	1.364	3.100	5.044	0.441	12.785	7.823	23.442	4.549	5.442	8.796
317	BIOCHEMIST	10	2.658	0.949	2.452	4.197	0.316	14.274	11.851	12.618	6.587	3.553	9.501
322	MD-SURGEON	8	2.493	2.070	2.390	5.600	0.354	7.386	7.745	18.015	3.182	4.241	6.468
329	MD-OTHER	184	2.533	1.627	2.727	5.000	0.226	8.544	9.477	16.143	6.270	4.568	7.761
332	DENTIST	92	2.567	1.652	2.576	5.532	0.248	9.005	9.084	18.931	6.582	5.166	8.003
333	VETERINARIAN	30	2.488	1.484	2.828	5.463	0.305	10.969	9.013	16.965	5.771	5.671	7.165
335	PHARMACIST	90	2.412	1.356	2.615	5.010	0.386	9.713	10.178	17.195	6.636	4.637	7.235
336	OPTOMETRIST	14	2.530	1.437	1.604	5.225	0.0	10.972	7.970	14.739	5.360	3.149	7.344
337	RN	9	2.619	0.354	3.314	5.203	0.518	8.943	10.183	11.135	8.323	6.692	10.954
345	CHIROPRACTOR	9	2.646	0.882	1.871	3.127	0.500	12.927	7.778	22.963	6.654	6.247	9.062
347	MED/DENT TECHNOL.	15	1.839	1.414	1.781	3.833	0.488	10.018	8.364	10.620	5.972	4.968	7.564
348	MED/DENT TECHNICIAN	31	2.358	1.546	1.877	4.610	0.495	12.648	9.649	20.820	7.416	5.733	8.025
350	HOSPITAL ADMIN.	13	2.088	1.377	1.561	4.941	0.480	12.920	11.461	21.047	5.453	4.701	8.110
360	PSYCHOLOGIST	94	2.517	1.494	2.754	5.564	0.335	10.336	9.842	14.377	6.501	5.535	8.029
370	SOCIAL WORKER	65	2.287	1.459	2.257	5.044	0.403	10.924	9.132	16.811	6.356	5.588	8.463
372	COUNSELING/GUIDANCE	10	2.211	1.567	2.558	3.510	0.316	9.229	7.738	20.560	5.896	4.927	7.817
373	VOC/ED GUIDANCE	42	2.555	1.724	3.023	5.951	0.354	10.175	10.179	16.786	6.582	5.141	6.216
382	ECONOMIST	22	2.614	1.203	2.564	4.961	0.246	11.533	9.266	16.740	6.885	6.255	8.929
389	SOC. SCI. (MISC)	31	2.257	1.591	2.407	5.449	0.402	10.204	8.449	15.020	7.089	5.557	9.895
391	POLITICIAN	14	1.548	1.088	2.436	5.338	0.250	11.718	9.174	20.884	6.364	4.978	8.741
392	DIPLOMAT	21	2.136	1.499	2.415	3.790	0.301	9.159	9.806	20.115	6.454	4.489	8.941
393	LAWYER	342	2.448	1.647	2.700	5.657	0.256	9.042	9.811	17.836	6.422	5.254	7.879
394	MARKET ANALYST	15	2.549	1.639	2.066	6.784	0.258	7.580	8.492	15.040	6.861	6.199	7.298
397	PUBLIC ADM (NEC)	16	2.604	1.289	2.082	5.060	0.0	9.373	7.145	18.382	5.784	4.308	9.007
398	CITY PLANNER (NEC)	21	2.182	1.746	1.989	4.388	0.301	7.724	8.470	14.760	5.847	4.468	7.142
400	TEACHER (NEC)	479	2.345	1.494	2.489	5.064	0.433	11.175	8.928	17.315	6.588	5.211	8.670
412	TEACHER-ELEM.	53	2.207	1.529	2.534	5.540	0.671	12.900	8.406	14.112	7.126	4.361	8.599
420	TEACHER-HS (NEC)	93	2.375	1.514	2.399	5.271	0.426	10.430	9.009	16.581	6.908	4.844	9.407
421	TEACHER-HS MATH	55	2.276	1.423	2.353	4.934	0.331	9.320	9.372	17.260	6.801	5.720	9.155
422	TEACHER-HS SCIENCE	68	2.134	1.288	2.467	5.342	0.384	9.431	9.257	17.433	6.825	6.024	7.652
423	TEACHER-HS SOC. ST.	95	2.407	1.458	2.573	5.605	0.411	11.119	8.422	17.850	6.948	5.375	7.618
424	TEACHER-ENGLISH	39	2.875	1.787	2.440	6.325	0.370	10.161	8.469	16.136	6.262	5.366	6.497
425	TEACHER-FOR. LANG.	14	1.916	1.225	2.999	5.084	0.267	10.411	6.897	11.467	5.983	4.500	6.977
426	TEACHER-COMM. ED.	14	2.243	1.351	2.709	5.045	0.514	10.813	11.892	18.699	5.218	5.767	8.890
428	TEACHER-TRADES	50	2.464	1.371	2.195	4.827	0.495	11.973	7.572	16.004	6.372	5.238	8.670
429	TEACHER-PHYS. ED.	57	2.069	1.343	2.549	4.435	0.469	10.447	7.921	16.627	6.202	4.388	8.800
431	TEACHER-ART	12	2.167	1.826	2.146	5.237	0.515	12.573	6.867	20.340	4.926	4.615	8.614
432	TEACHER-MUSIC	30	2.917	1.377	2.512	5.269	0.498	9.115	9.792	17.431	6.408	5.987	7.855
440	TEACHER-HANDICAPPED	12	2.348	1.564	2.195	6.269	0.452	10.068	6.680	16.911	5.854	4.379	7.902
450	SCH. ADMIN. (EXC. COLL.)	45	2.407	1.576	2.319	5.505	0.405	11.230	9.435	16.639	6.033	5.294	8.262
460	COLL/UNIV TCHR (NEC)	214	2.573	1.640	2.678	5.645	0.338	9.842	10.485	17.202	5.774	5.673	8.081
461	COLL/UNIV TCHR-MATH	30	2.243	1.351	2.604	6.851	0.183	7.864	9.651	11.167	4.183	3.925	7.378
462	COLL/UNIV TCHR-SCI	48	2.686	1.624	2.923	6.857	0.245	10.070	10.609	18.502	7.467	6.055	8.570
463	COLL/UNIV TCHR-SOC SCI	91	2.242	1.596	2.356	5.925	0.264	9.682	9.217	16.086	5.867	5.070	7.105
464	COLL/UNIV TCHR-ENGLISH	44	2.498	1.646	2.489	5.541	0.291	9.833	9.723	17.525	6.660	5.043	7.750
470	COLL/UNIV TCHR-ADM	13	1.761	1.710	2.727	3.662	0.0	10.688	7.995	16.861	8.248	5.688	6.713
511	LIBRARIAN	9	1.658	1.453	2.833	4.790	0.333	12.972	9.431	14.629	3.563	4.755	9.487
521	CLERGYMAN	177	2.416	1.545	2.495	5.233	0.459	9.576	9.538	19.112	8.076	4.901	8.426
523	RELIGIOUS WORKER (OTHER)	23	2.713	1.550	2.536	5.228	0.511	13.146	7.504	17.728	6.701	4.353	9.336
531	WRITER (NEC)	21	2.767	1.687	2.804	5.266	0.483	8.787	9.549	18.946	5.127	5.787	7.544
534	JOURNALIST/REPORTER	43	2.359	1.313	2.836	4.891	0.465	10.990	9.370	19.482	6.112	5.735	9.013
537	EDITOR	10	2.271	2.044	1.947	5.293	0.422	11.835	6.883	14.864	4.566	4.061	8.203
541	FINE ARTS	22	2.232	1.733	2.521	5.904	0.503	11.189	9.272	17.882	6.476	6.620	10.004
545	COMM ARTIST	54	1.914	1.260	2.133	4.828	0.496	12.073	8.810	20.499	7.920	5.286	8.045
547	DESIGNER (CONS GOODS)	14	1.951	1.336	1.550	3.577	0.514	13.398	8.269	14.729	6.197	6.545	9.106
551	MUSICIAN	17	2.544	1.581	2.264	7.128	0.470	10.620	9.216	14.738	8.566	6.243	8.000

TABLE 1.1 (continued)

#	GROUP	N	MEANS										
			STUDENT ACTIVITIES INVENTORY (CONTD.)				STUDENT INFORMATION BLANK SCALES						
			CULTURE	LEADERSHIP	SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS
			R-607	R-608	R-609	R-610	D-802	F-803	P-820	F-822	F-823	P-827	P-828
571	ACTOR	11	5.636	1.545	6.182	11.192	0.818	45.273	23.091	26.000	14.818	25.273	26.818
575	THEATRE (OTHER)	25	5.880	1.640	6.400	12.480	0.560	37.440	22.840	24.840	15.200	25.160	24.840
578	RADIO/TV ANNOUN.	23	4.565	1.304	5.913	9.783	0.609	37.957	22.696	25.739	12.565	24.652	22.913
579	MISC PERF ARTS	10	4.900	1.000	7.300	13.600	0.400	37.300	24.300	19.100	13.700	24.400	21.100
611	PRO ATHLETE	12	5.083	2.083	6.583	12.333	0.667	40.750	25.417	26.833	16.750	26.333	21.250
612	PRO ATHLETICS (AUX)	10	4.900	1.600	5.000	9.900	0.600	35.500	27.600	25.900	19.500	24.500	18.800
621	RECREATION DIR.	14	4.786	1.857	4.929	11.214	0.714	36.929	26.500	23.929	11.786	23.357	24.357
623	FRSTRY, HUNT, TRAP	22	4.136	0.909	4.682	9.818	0.227	31.545	21.864	18.591	12.318	20.773	16.955
631	FARM/RANCH OWNER	123	4.659	1.382	4.976	12.244	0.220	25.195	22.488	20.138	14.341	23.593	17.951
632	FARM/RANCH MGR	8	4.375	1.750	5.750	13.625	0.250	30.625	28.750	21.875	14.500	29.125	23.875
639	FARMING (OTHER)	224	4.451	1.054	4.564	10.917	0.196	26.230	21.907	18.619	13.044	22.828	18.529
640	MILITARY (RANK NOT IND)	51	5.020	1.314	5.353	11.510	0.431	36.667	23.392	25.098	13.725	23.176	19.569
641	MILITARY-ENLISTED	27	4.593	1.185	4.741	9.556	0.222	28.667	22.407	19.704	13.741	21.111	17.630
642	MILITARY-OFFICER	111	5.198	1.919	6.270	13.495	0.847	45.234	29.207	24.333	15.649	27.117	23.577
650	INTELLIGENCE-CIA, ETC.	15	4.867	1.000	4.533	10.067	0.533	37.933	29.400	24.133	15.533	24.533	21.400
661	POLICE (PUBLIC)	188	4.489	1.229	5.441	11.399	0.452	35.016	21.713	22.798	14.410	22.548	19.436
666	FIREMAN	48	4.000	0.854	4.854	9.625	0.229	29.167	18.667	18.521	11.688	21.146	16.021
669	OTHER PROTECTIVE	19	4.632	1.579	5.789	11.526	0.211	28.842	20.895	21.421	14.263	23.684	21.789
711A	BANKING & FINANCE, I	66	4.758	1.242	5.288	10.864	0.364	34.758	22.455	20.606	13.424	22.030	21.015
711B	BANKING & FINANCE, II	114	5.526	1.649	5.623	12.658	0.763	42.807	26.596	25.298	15.377	26.018	22.509
712	INVSTMNT,STOCK CONSULT	15	6.067	2.200	5.533	14.600	0.733	45.800	32.133	24.933	15.333	26.533	24.067
716	CPA	167	4.485	1.503	5.527	12.431	0.778	42.347	26.772	20.006	15.108	25.581	21.952
717	ACCTANT (EXC CPA)	329	4.690	1.237	5.261	11.584	0.620	39.176	25.468	21.462	14.179	25.125	20.562
721	PURCHASING AGENT	40	4.850	1.575	6.275	13.400	0.625	37.975	24.700	27.000	15.200	25.425	20.525
722	RETAIL BUYER	10	4.100	1.000	5.700	8.000	0.700	39.900	24.500	22.000	14.600	25.900	20.700
723	EFFICIENCY EXPERT	130	5.338	1.592	6.069	12.246	0.808	43.500	27.800	25.438	15.208	26.085	24.015
724	ADVERTISING	30	5.400	2.067	5.367	11.700	0.867	45.667	24.767	25.533	18.167	26.033	25.733
725	PUBLIC RELATIONS	44	5.273	2.068	6.068	12.273	0.773	40.386	25.659	32.136	16.705	25.932	25.409
726	PERSONNEL ADMIN	72	5.458	1.625	6.458	12.056	0.806	42.111	26.056	25.611	15.819	27.042	24.778
727	APPRAISING/ESTIMATING	35	4.543	1.486	5.400	12.200	0.486	36.314	24.943	26.400	16.914	23.371	22.886
728	LOAN/CREDIT INVESTIG	27	5.852	1.000	5.296	12.407	0.704	41.556	26.370	24.074	15.852	22.630	21.741
730	BUS MGMT/ADMIN (NEC)	514	4.889	1.471	5.549	11.710	0.673	40.375	25.564	23.751	15.732	24.800	22.313
731	MFG MGMT	55	4.727	1.800	5.618	11.600	0.745	41.618	27.473	23.164	13.927	24.291	22.200
732	WHSL/RET TRADE MGMT/MKTG	224	5.020	1.554	5.907	12.373	0.652	40.402	24.260	23.794	15.309	24.417	21.475
738	SUPERVISOR IN BUS	53	4.321	1.302	4.453	11.321	0.321	32.453	21.170	24.472	14.340	22.925	19.208
741	SALESCLERK	27	4.667	1.185	5.519	10.074	0.333	30.481	20.259	21.259	14.259	21.593	16.778
743	STOCKBROKER	17	5.412	1.941	6.412	14.235	0.941	44.941	26.471	28.471	16.647	24.176	23.647
745	REAL EST SLSMAN	24	4.292	1.083	4.792	9.500	0.625	44.292	21.458	33.292	18.333	23.167	22.292
746	INSURANCE SLSMAN	69	5.290	1.638	5.551	11.217	0.565	36.696	23.145	26.899	15.435	22.478	21.652
747	AUTO SLSMAN	11	3.545	1.000	4.636	7.364	0.273	35.909	22.818	23.545	12.909	20.000	18.000
748	OTHER SLSMAN (NEC)	327	4.887	1.557	5.554	11.135	0.587	38.263	22.131	26.063	15.339	23.187	21.820
749	SALES MGR	63	5.413	1.714	6.095	10.730	0.698	41.000	22.635	27.921	16.270	24.651	23.492
751	BOOKKEEPER	12	4.750	1.167	5.750	12.000	0.250	34.750	26.333	29.583	12.417	25.417	23.250
755	MISC ACCT RECDG	13	4.077	1.154	4.462	9.769	0.308	29.231	24.231	20.000	15.231	25.308	16.846
758	COMPUTER OPERATOR	97	4.557	1.237	5.092	10.845	0.423	32.876	23.485	22.814	13.505	23.588	19.330
769	CLERK (MISC)	23	5.217	1.348	5.261	10.217	0.304	30.478	21.000	21.478	15.130	21.609	18.652
772	OFFICE MGR	21	4.381	1.286	5.381	9.667	0.381	34.857	21.095	19.667	14.000	26.381	22.286
789	OTHER "PUB CONTACT" OCCS	10	6.100	1.100	5.800	13.300	0.500	37.600	23.400	18.200	17.400	26.100	23.200
791	RADIO, TELEGR, TTY OP	16	4.188	1.188	4.438	9.125	0.250	31.188	21.563	25.000	12.625	22.688	23.250
796	MAIL CARRIER	20	4.650	0.900	5.350	12.800	0.400	29.550	24.250	25.650	12.700	24.100	21.650
797	MISC CLERICAL	108	4.111	1.019	4.870	10.046	0.343	31.778	20.565	21.259	12.685	21.657	19.224
798	MISC ADMINISTRATIVE	59	5.000	1.305	5.864	11.475	0.661	40.034	26.169	25.780	15.169	25.051	24.288
810	ELECTRICIAN	211	4.123	1.043	4.839	10.090	0.303	30.019	21.554	19.663	12.673	21.972	18.303
811	ELECTRONIC TECHNICIAN	259	4.171	0.915	4.860	10.341	0.430	35.814	21.957	22.244	13.236	22.934	19.186
812	APPLIANCE REPAIR	51	4.137	0.667	4.784	11.176	0.275	29.647	21.529	17.706	14.843	23.098	16.039
813	PHONE INSTALL & REPAIR	53	4.151	1.075	5.283	9.717	0.264	32.906	20.264	19.830	14.528	21.547	19.151
814	REPAIR AND SERV COMP	40	3.825	0.750	4.950	9.825	0.500	36.750	25.150	20.575	15.375	22.200	17.450
820	MECHANIC (NEC)	133	3.865	0.940	4.444	9.797	0.203	26.759	19.955	18.977	11.526	20.789	15.955
821	AUTO MECHANIC	112	3.705	0.786	4.670	9.786	0.125	25.295	19.000	15.313	12.250	21.509	17.304
822	AIRPLANE MECHANIC	101	4.099	1.050	4.921	10.465	0.238	28.941	21.505	18.851	13.624	20.693	16.851
823	OFFICE MACH REPAIR	14	4.357	0.929	5.357	10.143	0.357	32.500	26.857	17.143	11.571	22.857	18.857
824	IND MACH REPAIR	28	4.036	0.857	4.714	9.179	0.179	27.214	20.964	24.464	12.071	21.893	15.571
828	MACHINIST	276	4.315	0.924	4.949	10.815	0.254	30.489	21.529	21.793	12.185	22.040	18.630
831	CABINET MAKER	11	3.000	0.636	4.909	8.636	0.091	23.545	23.455	13.545	12.636	21.818	17.636
832	CARPENTER	63	4.270	1.048	4.619	10.317	0.175	25.302	21.095	21.492	13.619	21.921	17.111
833	METAL TRADES	119	3.933	0.882	4.395	9.782	0.143	26.101	18.849	19.235	13.176	21.059	17.403
834	BRKLYR, MASON, PTR, RFR	66	4.394	0.879	4.712	10.106	0.152	27.333	20.152	22.136	12.576	21.212	16.394
835	PLUMBER, PIPEFITTER	81	3.889	1.037	4.963	9.926	0.247	31.235	19.617	23.852	14.951	21.494	17.901
836	HEAVY EQUIP OP	42	3.976	1.000	5.214	10.548	0.238	29.405	23.333	21.000	13.190	22.381	17.857
837	MISC BLDG & CONST	43	4.163	1.070	4.651	10.000	0.302	29.209	20.256	23.721	13.140	21.047	17.512
838	MINING, QUARRYING, DRLNG	12	4.583	1.667	5.083	9.833	0.250	32.500	22.417	20.500	11.500	19.917	18.000
841	PILOT	164	4.732	1.415	5.537	11.268	0.780	42.390	25.841	25.122	14.988	25.049	20.969
843	AIRPLANE NAVIGATOR	10	4.500	1.400	5.400	12.800	0.900	45.900	28.900	30.900	15.300	27.100	22.800
848	AIR TRAFFIC CONTROLLER	10	5.300	1.700	5.800	11.900	0.400	35.300	21.900	16.300	16.600	23.400	27.300
851	MERCHANT MARINE OCC	14	5.000	1.500	6.000	13.429	0.786	41.286	24.643	30.571	15.786	24.857	21.786
852	RAILROAD OCCS	22	4.091	0.545	5.182	9.182	0.136	31.591	18.591	18.682	12.364	20.000	15.227
853	AUTO, BUS TRUCK DRIVER	91	4.198	0.978	4.747	10.209	0.121	25.330	18.835	18.736	13.132	20.462	16.692
861	PRINTING TRADES	104	3.875	0.885	4.596	9.923	0.144	29.192	20.394	21.673	13.375	22.394	17.990
863	SURVEYOR	20	4.150	1.050	4.800	11.000	0.450	36.750	22.750	26.950	13.100	22.500	16.500
864	DRAFTSMAN	134	4.201	0.881	4.694	9.993	0.328	32.209	20.104	23.590	13.082	22.672	18.045
865	PHOTOGRAPHY	37	4.622	1.054	5.108	10.595	0.486	38.865	21.514	27.838	14.946	22.541	22.757
866	INTERIOR DECORATOR	8	6.125	1.500	7.250	13.500	0.375	32.125	24.875	23.625	14.500	23.500	22.125
867	LANDSCAPE ARCH	9	4.556	1.667	3.333	10.444	0.779	38.889	22.222	18.333	19.000	25.111	21.667
881	FOOD & BEVERAGE PREP	20	4.250	0.900	4.450	9.100	0.400	31.050	23.500	24.550	10.850	22.550	18.600
885	BUTCHER, MEAT CUTTER	35	4.200	1.000	5.029	10.571	0.257	30.029	21.743	21.229	12.914	20.400	19.257
891	MISC PERSONAL SERV	8	3.875	0.875	5.250	9.500	0.250	33.625	25.500	16.250	10.750	18.500	16.125
892	BARBER	29	4.897	1.103	5.172	9.724	0.172	26.862	22.414	21.517	12.621	20.552	17.483
893	HAIRDRESSER	18	5.778	1.056	5.333	11.333	0.167	32.778	19.333	21.944	15.111	23.389	22.167
899	GENERAL LABORER	314	3.994	0.901	4.490	9.433	0.191	27.627	19.924	20.111	11.892	21.490	17.318
	TOTAL	14570	4.767	1.374	5.352	11.643	0.575	38.052	25.222	23.493	1[illegible].581	24.503	21.382

TABLE 1.1 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			STUDENT ACTIVITIES INVENTORY (CONTD.)				STUDENT INFORMATION BLANK SCALES						
			CULTURE	LEADERSHIP	SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS
			R-607	R-608	R-609	R-610	D-802	F-803	P-820	F-822	F-823	P-827	P-828
571	ACTOR	11	2.767	1.293	3.188	6.063	0.405	7.875	6.534	14.071	5.497	6.467	11.062
575	THEATRE (OTHER)	25	2.489	1.497	2.380	6.371	0.507	9.803	8.745	17.549	6.595	5.886	7.295
578	RADIO/TV ANNOUN.	23	2.107	1.295	2.661	4.824	0.499	14.294	7.789	19.129	8.234	5.166	7.122
579	MISC PERF ARTS	10	2.807	1.054	2.869	5.542	0.516	12.737	10.307	20.475	9.334	6.114	11.406
611	PRO ATHLETE	12	2.712	1.676	3.175	6.286	0.492	14.517	9.416	17.050	7.944	6.773	11.387
612	PRO ATHLETICS (AUX)	10	2.251	1.350	3.055	5.859	0.516	9.168	5.481	20.567	7.012	6.187	9.126
621	RECREATION DIR.	14	2.190	1.657	2.464	6.930	0.469	11.658	10.494	15.385	7.192	6.197	6.184
623	FRSTRY, HUNT, TRAP	22	2.054	1.019	2.124	5.161	0.429	13.266	7.039	16.250	6.312	4.918	6.191
631	FARM/RANCH OWNER	122	2.261	1.400	2.223	4.740	0.416	11.454	8.811	16.383	7.129	5.921	8.408
632	FARM/RANCH MGR	9	2.973	1.909	2.550	4.809	0.463	13.989	10.082	7.160	9.053	6.244	4.673
639	FARMING (OTHER)	204	2.328	1.268	2.117	5.160	0.398	11.413	8.145	16.012	7.228	4.997	7.095
640	MILITARY (RANK NOT IND)	51	2.462	1.334	2.499	4.888	0.500	12.219	9.904	16.220	7.454	7.541	8.514
641	MILITARY-ENLISTED	27	2.241	1.272	2.395	4.560	0.424	9.880	10.066	16.229	7.896	5.528	8.718
642	MILITARY-OFFICER	111	2.500	1.754	2.611	5.754	0.362	10.166	10.006	17.909	6.173	5.048	8.163
650	INTELLIGENCE-CIA, ETC.	15	2.532	1.195	2.924	6.734	0.516	9.662	7.586	13.432	6.739	4.454	10.432
661	POLICE (PUBLIC)	130	2.044	1.339	2.365	4.966	0.499	12.917	8.326	17.075	6.596	5.604	8.709
666	FIREMAN	40	1.857	0.967	2.288	4.019	0.425	11.723	7.349	16.766	6.698	5.462	7.589
669	OTHER PROTECTIVE	18	2.477	1.346	3.029	5.882	0.419	12.429	6.632	19.256	5.772	5.154	7.231
711A	BANKING & FINANCE, I	46	2.142	1.203	2.479	5.511	0.485	12.354	7.833	16.007	7.281	5.812	8.641
711B	BANKING & FINANCE, II	114	2.343	1.551	2.842	5.606	0.427	12.045	8.903	17.628	6.611	5.366	7.388
712	INVSTMNT, STOCK CONSULT	15	2.282	1.656	2.722	4.896	0.458	11.515	9.768	16.303	5.753	4.969	7.630
716	CPA	147	2.305	1.379	2.616	5.115	0.417	11.224	8.691	16.090	6.077	6.066	8.013
717	ACCTANT (EXC CPA)	320	2.370	1.308	2.443	5.472	0.486	12.402	8.904	16.785	6.876	5.553	8.528
721	PURCHASING AGENT	40	2.202	1.412	2.592	5.271	0.490	13.061	9.079	17.337	6.649	5.764	8.277
722	RETAIL BUYER	10	1.853	1.247	2.263	4.967	0.483	11.883	9.755	14.213	4.835	5.971	13.400
723	EFFICIENCY EXPERT	130	2.381	1.554	2.662	5.450	0.396	10.812	9.121	18.102	6.341	5.016	7.108
724	ADVERTISING	20	2.175	1.437	2.092	4.602	0.346	16.166	8.939	17.061	6.086	5.474	9.913
725	PUBLIC RELATIONS	44	2.443	1.469	2.952	5.406	0.424	10.125	7.361	16.874	7.194	4.962	9.247
726	PERSONNEL ADMIN	72	2.258	1.409	2.301	5.254	0.399	10.421	7.771	14.516	5.827	4.181	7.020
727	APPRAISING/ESTIMATING	35	1.990	1.358	2.648	5.795	0.507	10.496	7.565	18.862	6.546	5.976	7.899
728	LOAN/CREDIT INVESTIG	27	1.680	1.240	2.267	4.750	0.465	12.762	7.448	20.387	6.485	6.890	10.227
730	BUS MGMT/ADMIN (NEC)	514	2.307	1.451	2.523	5.277	0.470	11.444	9.776	17.026	6.471	5.635	8.603
731	MFG MGMT	55	2.520	1.532	2.745	6.002	0.440	10.937	9.134	14.487	6.738	5.105	8.082
732	WHSL/RET TRADE MGMT/MKTG	204	2.342	1.436	2.528	4.892	0.478	11.130	8.548	17.162	6.274	5.322	8.334
738	SUPERVISOR IN BUS	53	2.294	1.539	2.309	5.787	0.471	12.910	9.575	15.921	7.120	5.522	8.760
741	SALESCLERK	27	2.660	1.241	2.927	5.574	0.480	13.374	10.365	18.403	7.367	5.373	7.763
743	STOCKBROKER	17	2.763	1.600	3.163	6.270	0.243	9.731	9.875	20.692	6.031	5.318	10.983
745	REAL EST SLSMAN	24	2.404	1.316	2.467	4.978	0.495	11.051	9.046	20.909	6.683	5.467	9.224
746	INSURANCE SLSMAN	60	2.156	1.485	2.632	5.193	0.499	12.057	7.693	18.072	6.599	5.490	8.290
747	AUTO SLSMAN	11	2.544	1.549	2.248	3.982	0.467	14.089	8.256	19.190	7.077	4.405	8.718
748	OTHER SLSMAN (NEC)	327	2.118	1.493	2.630	5.190	0.493	12.931	8.919	17.813	6.863	5.556	8.740
749	SALES MGR	43	2.241	1.641	2.414	4.962	0.463	9.955	8.640	18.406	6.196	5.460	9.221
751	BOOKKEEPER	12	2.137	1.337	2.734	4.285	0.452	13.805	10.448	19.657	6.037	6.571	7.979
755	MISC ACCT RECDG	13	1.656	1.463	1.898	4.850	0.480	10.779	9.176	20.259	7.224	5.407	11.430
758	COMPUTER OPERATOR	97	2.385	1.248	2.486	4.889	0.497	11.430	8.672	16.620	6.789	5.358	8.208
769	CLERK (MISC)	23	2.373	1.152	2.050	4.814	0.470	11.106	8.208	15.512	6.511	5.366	9.499
772	OFFICE MGR	21	2.156	1.488	2.617	4.673	0.498	14.037	6.804	15.663	6.648	5.191	7.663
789	OTHER "PUB CONTACT" OCCS	10	2.846	1.653	2.573	5.056	0.527	10.167	7.806	11.584	8.329	6.590	6.443
791	RADIO, TELEGR, TTY OP	16	1.797	1.047	2.337	5.749	0.447	11.291	6.366	15.811	6.500	6.237	9.957
796	MAIL CARRIER	20	1.899	0.912	2.110	3.427	0.503	12.331	7.174	19.922	6.375	4.723	7.125
797	MISC CLERICAL	108	2.277	1.268	2.372	4.811	0.477	11.395	8.487	16.668	7.100	5.716	8.554
798	MISC ADMINISTRATIVE	59	2.289	1.429	2.367	5.782	0.477	11.598	8.435	17.372	6.193	4.893	8.463
810	ELECTRICIAN	211	2.190	1.144	2.345	4.930	0.461	11.988	8.182	16.764	7.005	5.222	7.975
811	ELECTRONIC TECHNICIAN	258	2.186	1.184	2.389	4.944	0.496	11.959	8.947	16.746	7.004	5.795	8.157
812	APPLIANCE REPAIR	51	2.154	0.909	2.318	4.906	0.451	12.188	7.204	16.213	6.625	5.029	7.977
813	PHONE INSTALL & REPAIR	52	2.161	1.158	2.060	4.951	0.445	10.796	8.219	16.007	7.311	4.470	6.727
814	REPAIR AND SERV COMP	40	2.011	0.809	2.375	5.022	0.506	13.404	11.042	15.563	6.651	5.039	8.140
820	MECHANIC (NEC)	133	2.149	1.021	2.324	4.685	0.404	10.987	7.837	17.318	6.893	4.801	7.920
821	AUTO MECHANIC	112	2.269	1.035	2.264	5.302	0.332	11.039	8.615	14.532	7.393	5.421	7.165
822	AIRPLANE MECHANIC	101	2.207	1.108	2.411	4.747	0.428	12.886	8.271	14.919	7.571	5.381	7.512
823	OFFICE MACH REPAIR	14	2.499	0.917	1.692	4.975	0.497	9.685	10.876	14.842	6.525	5.187	3.959
824	IND MACH REPAIR	29	2.380	0.970	2.225	4.555	0.390	11.010	9.954	21.336	5.624	5.446	7.351
828	MACHINIST	276	2.238	1.091	2.235	4.974	0.436	11.371	8.031	16.107	6.748	5.294	7.981
831	CABINET MAKER	11	1.265	0.924	2.625	4.653	0.302	13.344	7.326	11.049	6.454	5.345	8.663
832	CARPENTER	63	2.104	1.325	2.465	4.948	0.383	10.295	8.466	16.940	6.212	4.893	8.907
833	METAL TRADES	119	2.028	1.035	2.271	4.932	0.351	11.099	7.938	16.887	6.962	5.228	7.513
834	BRKLYR, MASON, PTR, RFR	66	2.353	1.089	2.210	4.893	0.361	11.106	8.315	17.495	7.245	5.305	8.195
835	PLUMBER, PIPEFITTER	81	2.214	1.188	2.477	5.188	0.434	12.112	7.370	15.507	6.609	4.822	7.813
836	HEAVY EQUIP OP	42	2.247	1.230	2.415	4.969	0.431	13.344	10.321	18.108	7.356	4.859	8.186
837	MISC BLDG & CONST	63	2.257	1.183	2.170	4.726	0.465	10.645	8.680	18.532	7.328	5.610	7.887
838	MINING, QUARRYING, DRLNG	12	2.151	1.371	2.392	4.174	0.452	13.194	10.049	17.096	7.983	4.641	7.977
841	PILOT	144	2.305	1.558	2.775	5.472	0.415	10.999	9.751	17.049	5.847	5.854	8.704
843	AIRPLANE NAVIGATOR	10	2.506	1.265	1.430	3.259	0.316	6.262	7.520	15.154	8.084	2.685	6.460
848	AIR TRAFFIC CONTROLLER	10	2.312	1.494	1.874	5.021	0.516	9.956	7.340	14.430	7.183	6.518	7.573
851	MERCHANT MARINE OCC	14	2.512	1.345	2.631	4.831	0.426	11.364	8.837	18.649	5.102	3.959	9.448
852	RAILROAD OCCS	22	1.875	0.858	1.893	3.813	0.351	10.257	8.450	16.278	7.162	5.460	7.910
853	AUTO, BUS, TRUCK DRIVER	91	2.156	1.211	2.132	4.533	0.328	10.516	6.970	17.004	7.380	4.398	7.371
861	PRINTING TRADES	104	1.889	1.082	2.175	5.016	0.353	10.340	8.227	16.072	7.088	5.490	7.668
863	SURVEYOR	20	1.981	0.945	2.587	3.742	0.510	11.964	8.681	20.371	6.496	3.457	6.048
864	DRAFTSMAN	134	1.926	1.117	2.188	4.419	0.471	12.724	7.983	18.228	6.482	5.125	8.059
865	PHOTOGRAPHY	37	2.277	1.053	2.904	5.474	0.507	10.441	9.614	18.405	6.557	5.738	9.257
866	INTERIOR DECORATOR	8	2.800	1.195	3.240	4.536	0.518	14.207	10.049	14.540	5.682	4.276	9.523
867	LANDSCAPE ARCH	9	2.603	1.225	1.414	5.294	0.441	12.354	7.155	11.937	4.243	4.729	8.062
881	FOOD & BEVERAGE PREP	20	2.291	1.210	1.959	3.611	0.503	13.686	9.897	16.317	5.905	6.589	8.720
885	BUTCHER, MEAT CUTTER	35	2.055	1.085	2.684	4.272	0.443	9.633	9.547	15.754	6.568	4.698	9.568
891	MISC PERSONAL SERV	8	0.991	1.126	1.282	3.817	0.463	16.544	11.820	16.637	8.730	9.871	8.839
892	BARBER	29	2.177	1.398	1.983	4.415	0.384	11.485	7.219	16.597	6.450	7.119	8.613
893	HAIRDRESSER	13	1.833	0.873	1.749	4.432	0.383	12.544	8.146	15.337	6.462	6.156	10.182
899	GENERAL LABORER	314	2.151	1.136	2.176	4.642	0.394	11.360	8.707	16.874	7.154	5.311	8.174
	TOTAL	14570	2.375	1.423	2.524	5.392	0.497	13.203	9.947	17.297	6.889	5.955	8.835

TABLE 1.1 (continued)

#	GROUP	N	MEANS									
			STUDENT INFORMATION BLANK SCALES (CONTD.)									
			SELF-PERCEP OF RDNG SKILLS	AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			P-829	F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
000	NO ANSWER	1756	23.822	31.221	30.087	18.387	58.562	23.318	15.319	15.690	46.318	18.501
001	DON'T KNOW	734	23.064	29.312	25.940	15.158	56.010	20.839	15.120	13.812	45.240	17.732
101	EXECUTIVE (NEC)	59	26.085	32.424	39.034	23.475	62.814	22.814	17.898	18.983	46.288	17.458
102	FOREMAN (NEC)	103	23.184	27.913	24.796	14.650	56.650	22.417	16.194	13.097	49.777	19.728
111	WORK FOR GOVT (NEC)	49	25.653	31.061	31.714	17.245	57.122	20.265	14.694	13.143	43.408	17.320
112	IN BUS. FOR SELF (NEC)	255	22.271	26.784	27.745	17.384	59.357	23.196	15.714	16.722	47.427	20.176
120	IND., BUS., COMM. (NEC)	161	23.752	29.025	29.944	19.739	58.851	22.050	16.286	15.981	45.143	18.031
121	RETAIL (NEC)	22	22.273	37.273	25.000	16.182	54.864	20.273	15.318	19.500	49.182	19.864
122	TRANSPORTATION (NEC)	16	24.313	27.500	23.125	14.938	54.688	19.875	16.188	20.750	46.625	19.625
123	REAL ESTATE(NEC)	9	25.556	30.333	23.333	15.000	57.000	20.889	16.444	25.333	46.111	21.000
124	INSURANCE (NEC)	24	25.042	29.458	38.208	22.958	68.167	24.750	14.583	16.375	44.958	19.625
125	ELECTRONICS (NEC)	113	22.973	27.717	22.549	13.743	63.425	24.363	14.903	13.478	45.894	19.575
211	MATH., STAT.	42	26.238	35.548	28.690	18.238	59.929	19.310	14.667	15.881	40.405	15.262
212	OTHER STATISTICS	10	26.200	26.600	23.000	14.700	59.900	20.900	17.800	14.400	42.600	18.700
221	SYSTEMS ANALYST	56	28.018	36.054	28.232	19.214	54.839	20.786	16.696	18.054	46.589	17.143
222	COMPUTER PROG.	173	24.561	32.254	28.496	16.965	57.457	20.503	15.994	14.023	45.046	17.272
229	COMPUTER SPEC. (NEC)	38	24.342	30.895	30.105	18.447	62.789	23.711	17.316	15.553	48.605	16.737
230	PHYS. SCI. (NEC)	16	29.188	44.750	23.438	13.813	54.313	21.688	14.688	15.313	39.688	16.688
231	CHEMIST	31	26.452	34.355	30.495	18.344	57.462	21.011	15.473	16.957	41.710	15.753
232	PHYSICIST	53	28.547	44.547	29.453	18.094	62.868	23.660	15.208	16.906	38.925	15.340
234	GEOLOGIST	22	27.227	39.545	26.364	15.455	72.682	29.227	17.818	18.864	43.545	18.136
240	ENGINEER (NEC)	248	26.044	31.710	31.980	20.286	64.403	24.609	15.730	16.536	45.766	18.065
241	CIVIL ENGINEER	97	25.134	28.928	32.371	20.691	62.845	22.753	15.969	16.495	43.907	17.371
242	ELEC. ENGINEER	234	25.466	32.043	30.346	18.974	64.415	24.863	15.697	16.350	42.949	16.855
243	MECH. ENGINEER	139	25.381	28.230	29.245	19.353	65.568	24.928	15.820	16.892	43.806	17.504
244	AERONAUTICAL ENG.	40	26.825	31.300	28.000	18.225	62.450	23.375	16.850	19.500	45.150	19.025
245	CHEM. ENGINEER	48	28.833	34.146	33.063	19.000	59.771	23.021	15.854	15.063	41.375	17.292
250	ARCHITECT	64	24.563	30.953	35.563	22.500	63.094	25.391	16.734	17.797	47.531	17.250
299	PHYS. SCI., LAB [illegible]CH.	100	23.510	28.930	29.090	19.360	61.040	23.290	16.730	15.290	47.390	18.960
310	BIOLOGIST, ZOOLO[illegible]ST	48	27.500	36.104	28.771	17.750	68.313	24.688	16.146	17.104	39.229	17.125
313	SPEC. IN AGRIC. SCI.	33	25.606	36.424	31.394	21.788	68.576	26.455	16.879	20.091	38.758	18.818
314	WLDLF/FOREST SPEC.	43	23.000	29.372	26.372	16.302	63.581	24.140	16.651	16.279	44.605	20.744
316	MICROBIOLOGIST	9	27.778	44.111	27.889	20.556	59.111	22.222	16.444	9.111	45.333	19.111
317	BIOCHEMIST	10	25.700	32.100	36.000	19.400	65.500	24.700	17.400	9.800	40.100	16.300
322	MD-SURGEON	8	30.375	35.500	37.500	28.125	67.750	24.500	17.000	18.125	46.000	16.000
329	MD-OTHER	186	28.591	36.586	33.987	22.199	62.102	21.957	17.672	19.677	45.419	15.296
332	DENTIST	92	24.772	30.152	29.554	19.228	58.620	21.772	17.924	19.957	44.696	15.826
333	VETERINARIAN	30	24.767	25.400	33.667	24.033	58.500	23.867	17.000	19.933	44.533	18.567
335	PHARMACIST	89	25.236	30.270	31.157	20.449	58.360	20.910	15.528	16.157	46.022	18.079
336	OPTOMETRIST	14	24.357	29.286	34.286	23.714	71.643	25.929	18.571	19.071	45.857	15.357
337	RN	8	21.625	35.875	32.500	24.250	61.750	26.625	13.125	7.375	30.750	19.125
345	CHIROPRACTOR	9	21.222	16.222	27.778	18.000	73.444	23.000	19.000	16.778	51.333	14.111
347	MED/DENT TECHNOL.	15	25.133	29.867	22.667	15.000	60.667	22.000	13.733	14.067	44.533	15.333
348	MED/DENT TECHNICIAN	31	24.065	31.097	34.516	21.839	60.097	23.742	15.065	16.290	48.677	19.516
350	HOSPITAL ADMIN.	13	25.846	35.615	29.923	18.692	57.615	20.385	17.923	18.846	46.154	19.923
360	PSYCHOLOGIST	94	27.181	39.543	29.681	18.947	58.457	20.149	17.181	16.851	47.404	15.468
370	SOCIAL WORKER	65	25.354	34.738	31.600	21.169	53.185	19.138	15.569	15.923	45.985	17.277
372	COUNSELING/GUIDANCE	10	24.600	34.400	23.000	16.700	62.100	23.400	17.200	21.100	49.700	17.200
373	VOC/ED GUIDANCE	42	27.405	37.881	35.262	24.548	60.500	23.190	17.476	20.333	47.024	17.810
382	ECONOMIST	32	25.625	35.500	30.313	19.938	58.594	21.688	16.531	14.969	45.469	15.875
389	SOC. SCI. (MISC)	31	26.484	31.806	26.455	16.548	56.548	23.[illegible]	15.871	16.645	43.935	16.806
391	POLITICIAN	16	23.813	33.500	34.375	23.875	58.188	22.063	16.188	22.250	49.063	17.563
392	DIPLOMAT	21	28.238	51.381	28.095	18.381	61.333	23.667	17.048	15.667	43.286	17.619
393	LAWYER	342	28.395	39.272	35.442	23.772	57.731	20.585	19.067	20.547	48.167	16.307
394	MARKET ANALYST	15	23.200	32.867	38.000	22.933	64.400	22.800	19.000	16.467	50.200	13.067
397	PUBLIC ADM (NEC)	16	30.625	40.750	32.500	23.250	63.938	26.625	14.625	22.313	44.625	19.563
398	CITY PLANNER (NEC)	21	28.667	41.429	32.381	21.857	56.952	23.238	16.714	21.095	46.619	16.571
400	TEACHER (NEC)	479	25.029	31.722	29.491	18.372	57.249	20.996	16.621	19.184	45.230	17.140
412	TEACHER-ELEM.	53	24.019	30.981	32.698	19.113	61.604	23.906	17.283	19.736	45.660	17.660
420	TEACHER-HS (NEC)	98	25.224	30.969	29.724	19.571	58.398	21.541	17.296	17.520	43.582	17.847
421	TEACHER-HS MATH	65	24.708	28.246	28.185	17.031	56.908	19.569	16.985	18.908	44.300	16.969
422	TEACHER-HS SCIENCE	68	24.441	31.118	29.235	19.338	64.221	24.235	16.088	15.206	40.265	19.279
423	TEACHER-HS SOC. ST.	85	25.424	36.188	28.671	17.859	58.765	21.659	16.765	17.753	42.918	17.506
424	TEACHER-ENGLISH	38	27.842	34.474	29.921	20.658	55.974	21.395	16.316	19.553	44.579	17.789
425	TEACHER-FO[illegible] LANG.	14	28.143	34.643	29.286	20.214	49.357	18.357	14.857	19.214	36.571	14.429
426	TEACHER-COMM. ED.	14	24.714	35.071	33.571	21.786	59.214	22.000	15.571	21.643	46.786	17.071
428	TEACHER-TRADES	50	23.160	29.380	31.660	20.280	67.460	28.500	17.400	18.780	47.100	18.700
429	TEACHER-PHYS. ED.	57	22.140	26.193	24.526	15.158	54.035	18.807	19.351	21.877	47.474	17.333
431	TEACHER-ART	12	22.917	36.750	26.667	18.417	64.833	32.750	12.833	22.667	54.667	20.167
432	TEACHER-MUSIC	30	24.233	29.533	31.100	22.633	61.167	24.000	13.067	18.133	39.433	15.500
440	TEACHER-HANDICAPPED	12	28.250	43.667	35.833	26.083	55.000	21.583	16.083	18.750	48.833	18.667
450	SCH. ADMIN. (EXC. COLL.)	45	25.222	31.556	26.667	19.000	53.311	20.911	17.022	22.889	46.844	16.978
460	COLL/UNIV TCHR (NEC)	214	27.888	39.009	35.701	23.930	58.958	22.145	15.944	19.752	45.897	16.308
461	COLL/UNIV TCHR-MATH	30	28.300	40.333	31.333	20.367	50.933	18.133	15.067	16.467	39.567	13.567
462	COLL/UNIV TCHR-SCI	48	28.438	45.938	32.708	21.583	65.063	23.792	17.167	20.792	44.083	16.958
463	COLL/UNIV TCHR-SOC SCI	91	29.667	39.346	31.185	20.173	54.901	19.173	15.790	17.926	44.877	13.840
464	COLL/UNIV TCHR-ENGLISH	44	29.773	41.045	31.864	19.818	52.977	19.659	15.977	18.341	44.136	15.432
470	COLL/UNIV TCHR-ADM	13	23.462	24.000	37.692	28.385	63.462	22.077	16.692	25.846	49.231	19.615
511	LIBRARIAN	9	26.444	43.778	36.222	22.889	49.000	20.778	11.111	18.000	33.556	15.667
521	CLERGYMAN	177	26.367	37.859	31.023	20.520	54.678	21.141	15.102	18.056	35.469	16.870
523	RELIGIOUS WORKER (OTHER)	23	20.522	25.522	26.783	19.826	48.783	20.087	13.957	22.696	38.087	17.304
531	WRITER (NEC)	21	28.810	44.095	29.143	20.190	60.619	24.857	14.762	16.190	44.476	13.762
534	JOURNALIST/REPORTER	43	25.512	37.186	31.163	20.209	52.233	19.256	15.535	17.163	43.930	16.442
537	EDITOR	10	28.900	32.400	27.500	18.000	41.600	15.900	16.700	19.900	47.000	21.400
541	FINE ARTS	22	27.364	35.636	25.182	15.455	62.091	26.682	15.909	16.955	45.409	16.818
545	COMM ARTIST	54	22.574	28.963	30.926	18.778	64.963	27.815	16.407	18.648	42.926	17.519
547	DESIGNER (CONS GOODS)	14	25.786	25.429	25.714	13.786	57.571	24.786	13.857	8.214	46.643	19.929
551	MUSICIAN	17	24.824	31.941	38.824	23.941	50.588	20.235	14.353	23.941	42.471	17.706

TABLE 1.1 (continued)

#	GROUP	N	STANDARD DEVIATIONS STUDENT INFORMATION BLANK SCALES (CONTD.) SELF-PERCEP OF RDNG SKILLS	AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			P-829	F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
000	·NO ANSWER	1766	7.947	21.497	23.211	15.537	23.382	12.336	5.651	14.266	15.064	6.770
001	DON'T KNOW	734	7.872	21.516	21.724	13.636	24.083	11.483	5.646	13.600	14.901	6.916
101	EXECUTIVE (NEC)	59	7.628	21.564	23.120	16.297	21.183	11.866	5.071	14.916	14.823	7.352
102	FOREMAN (NEC)	103	7.127	20.971	19.977	12.885	24.751	11.451	5.495	13.934	12.541	6.357
111	WORK FOR GOVT (NEC)	49	8.489	20.882	27.548	17.111	27.148	11.350	4.771	13.655	18.402	7.434
112	IN BUS. FOR SELF (NEC)	255	8.094	19.564	19.463	14.354	24.019	12.053	5.893	14.774	15.636	7.124
120	IND., BUS., COMM. (NEC)	151	8.055	21.206	19.600	13.302	22.799	11.537	5.709	13.422	14.639	6.813
121	RETAIL (NEC)	22	6.929	19.780	20.178	14.927	22.312	10.379	4.292	15.513	11.839	7.705
122	TRANSPORTATION (NEC)	16	7.872	19.863	19.225	14.026	20.953	11.500	4.833	15.330	10.506	6.612
123	REAL ESTATE(NEC)	9	7.299	15.042	15.000	11.533	21.909	8.477	7.715	16.086	5.183	7.730
124	INSURANCE (NEC)	24	6.669	14.655	26.170	14.627	22.673	11.011	4.791	12.580	11.548	6.743
125	ELECTRONICS (NEC)	112	7.573	21.612	15.598	11.093	19.558	12.388	5.614	13.575	14.372	6.539
211	MATH., STAT.	42	8.459	21.981	22.821	15.244	21.595	8.926	5.737	13.424	13.547	7.085
212	OTHER STATISTICS	17	8.217	23.815	14.181	7.394	28.093	14.161	3.259	13.167	17.109	4.923
221	SYSTEMS ANALYST	56	6.207	20.945	16.173	12.222	20.566	10.425	4.540	14.669	12.535	7.002
222	COMPUTER PROG.	173	7.600	21.590	21.399	13.597	23.054	10.138	5.089	13.365	15.102	6.831
229	COMPUTER SPEC. (NEC)	29	7.926	20.006	18.576	16.013	18.035	11.256	4.799	13.250	13.661	6.488
230	PHYS. SCI. (NEC)	16	6.705	23.473	13.990	8.542	19.424	13.627	3.860	12.737	18.622	5.522
231	CHEMIST	93	6.690	19.275	18.296	13.312	20.890	9.904	5.066	14.997	15.450	7.061
232	PHYSICIST	52	7.492	19.852	15.960	11.229	20.691	9.446	5.001	12.648	15.559	7.238
234	GEOLOGIST	22	7.393	23.882	14.975	12.168	15.301	10.281	5.114	13.885	13.780	7.447
240	ENGINEER (NEC)	243	7.154	20.243	19.095	13.879	20.692	11.671	5.123	13.271	13.726	6.668
241	CIVIL ENGINEER	97	7.816	21.875	16.789	13.116	21.191	10.459	5.298	12.904	14.437	6.184
·242	ELEC. ENGINEER	234	7.257	19.260	17.989	11.759	19.718	10.559	5.292	13.435	14.439	7.218
243	MECH. ENGINEER	130	7.921	17.867	18.008	14.222	19.930	10.770	4.655	12.835	13.975	7.048
244	AERONAUTICAL ENG.	43	8.224	19.703	12.445	10.426	18.888	9.802	5.794	13.862	11.786	6.443
245	CHEM. ENGINEER	48	5.897	23.481	13.534	12.310	19.896	10.348	5.359	14.771	17.121	6.157
250	ARCHITECT	64	6.859	18.442	21.545	14.294	24.794	13.329	4.848	13.178	12.046	7.143
299	PHYS. SCI., LAB TECH.	100	7.120	21.222	19.950	13.143	22.339	10.579	5.148	14.323	14.345	6.572
310	BIOLOGIST, ZOOLOGIST	63	6.751	23.490	17.798	12.839	19.358	9.381	6.133	13.125	15.919	6.794
313	SPEC. IN AGRIC. SCI.	33	6.937	22.799	17.150	11.244	18.102	10.118	5.589	11.888	13.205	7.634
314	WLDLF/FOREST SPEC.	43	7.091	17.611	19.727	12.652	21.176	9.721	4.029	12.771	14.336	6.329
316	MICROBIOLOGIST	9	9.378	28.846	14.667	13.049	28.959	14.754	4.720	11.219	15.149	7.097
317	BIOCHEMIST	17	7.040	19.284	14.298	11.730	17.772	8.820	5.400	7.729	13.110	3.917
322	MD-SURGEON	8	6.070	24.594	25.495	19.867	22.493	13.093	5.904	11.012	16.336	8.783
329	MD-OTHER	196	6.988	21.290	16.538	13.319	21.958	10.012	4.975	13.374	13.003	6.956
332	DENTIST	92	7.372	19.147	16.712	14.151	24.939	13.366	5.056	14.158	13.845	6.256
333	VETERINARIAN	30	5.992	17.445	13.767	12.486	18.482	9.453	4.051	11.268	15.251	6.986
335	PHARMACIST	90	7.344	17.345	17.545	13.763	23.003	10.575	5.436	12.548	12.320	6.968
336	OPTOMETRIST	14	6.109	17.027	16.036	13.853	18.067	12.257	5.345	12.332	13.547	7.260
337	RN	8	10.836	25.357	11.650	8.844	16.342	10.914	7.699	5.951	14.897	4.734
345	CHIROPRACTOR	9	8.786	10.366	21.082	13.901	20.482	10.700	3.873	7.446	8.276	7.474
347	MED/DENT TECHNOL.	15	7.367	17.349	13.870	9.979	16.056	9.055	4.818	13.090	14.779	7.277
348	MED/DENT TECHNICIAN	21	7.057	20.884	25.277	18.248	23.864	14.424	5.853	14.314	11.107	6.120
350	HOSPITAL ADMIN.	13	9.999	26.228	18.710	12.099	20.662	9.287	5.664	12.661	15.673	7.729
360	PSYCHOLOGIST	94	8.054	21.907	16.813	12.369	24.848	10.259	4.541	13.573	13.846	7.231
370	SOCIAL WORKER	65	7.417	19.336	19.670	16.068	25.198	10.831	6.437	15.178	13.089	7.180
372	COUNSELING/GUIDANCE	10	7.168	26.784	10.594	8.718	22.600	14.245	5.959	14.670	12.833	7.743
373	VOC/ED GUIDANCE	42	5.666	22.241	19.212	16.773	24.393	11.396	5.270	13.833	12.874	7.435
382	ECONOMIST	32	8.059	21.872	17.130	13.137	23.215	11.134	4.135	12.154	16.498	7.259
389	SOC. SCI. (MISC)	31	8.086	20.221	16.658	12.069	22.248	10.292	5.518	14.725	12.562	6.794
391	POLITICIAN	15	8.565	16.757	15.478	12.795	24.147	13.163	5.504	15.022	10.605	8.302
392	DIPLOMAT	21	5.319	23.425	15.690	10.557	19.059	11.029	5.818	13.362	14.199	3.892
393	LAWYER	342	6.963	22.106	17.451	14.143	22.200	10.383	4.742	13.376	11.997	6.632
394	MARKET ANALYST	15	7.939	18.462	20.071	14.854	17.727	10.297	5.210	13.757	12.382	6.053
397	PUBLIC ADM (NEC)	16	4.334	19.611	18.074	13.665	18.274	11.465	5.071	11.774	18.165	5.440
398	CITY PLANNER (NEC)	21	8.534	25.325	16.403	11.460	24.095	14.443	4.161	15.000	10.947	6.615
400	TEACHER (NEC)	479	7.522	20.832	17.466	12.537	22.960	10.771	5.297	13.603	13.445	6.545
412	TEACHER-ELEM.	53	7.640	18.855	21.494	15.251	21.042	11.407	4.387	13.815	14.745	6.551
420	TEACHER-HS (NEC)	29	7.315	20.503	16.838	12.544	23.298	11.813	5.421	13.720	15.136	6.697
421	TEACHER-HS MATH	65	6.950	20.164	16.933	10.770	20.748	8.649	5.222	13.526	13.380	6.883
422	TEACHER-HS SCIENCE	68	7.706	19.953	20.172	14.878	19.101	9.383	4.756	12.696	14.705	6.689
423	TEACHER-HS SOC. ST.	85	8.431	21.116	18.682	14.339	22.650	10.626	4.934	14.637	15.223	6.780
424	TEACHER-ENGLISH	38	5.857	20.570	15.913	13.481	25.628	11.909	5.766	16.010	14.915	7.567
425	TEACHER-FOR. LANG.	14	5.763	18.566	12.067	9.529	27.927	12.659	6.087	14.519	15.575	8.733
426	TEACHER-COMM. ED.	14	5.239	24.288	20.609	13.857	22.206	8.823	6.756	13.054	10.836	4.269
428	TEACHER-TRADES	50	8.416	15.695	16.457	11.232	18.993	10.689	4.589	11.291	12.430	6.082
429	TEACHER-PHYS. ED.	57	7.289	17.671	18.031	11.853	24.094	9.420	4.320	13.056	11.050	6.495
431	TEACHER-ART	12	9.491	21.295	19.227	15.412	19.748	11.710	5.441	17.169	11.703	4.086
432	TEACHER-MUSIC	30	7.555	20.092	18.263	14.519	23.967	10.716	5.349	14.098	13.362	7.408
440	TEACHER-HANDICAPPED	12	5.817	23.546	27.122	24.523	19.936	9.568	5.053	17.848	10.035	8.489
450	SCH. ADMIN. (EXC. COLL.)	45	8.020	20.192	14.924	11.288	24.573	10.759	5.242	13.781	12.055	7.581
460	COLL/UNIV TCHR (NEC)	214	7.771	22.209	19.463	14.269	20.815	10.834	5.568	13.228	13.564	6.807
461	COLL/UNIV TCHR-MATH	30	7.848	27.872	15.916	13.077	18.251	7.016	5.878	10.947	16.300	7.361
462	COLL/UNIV TCHR-SCI	49	7.732	24.080	17.834	13.349	21.626	10.956	5.195	13.728	12.968	7.579
463	COLL/UNIV TCHR-SOC SCI	81	6.930	21.512	16.676	12.914	22.137	10.732	5.137	12.696	14.952	6.554
464	COLL/UNIV TCHR-ENGLISH	44	6.339	21.531	19.417	12.487	21.264	8.283	5.394	13.077	16.131	6.282
470	COLL/UNIV TCHR-ADM	13	9.288	11.306	16.908	14.373	19.090	11.094	4.973	10.621	15.675	4.114
511	LIBRARIAN	9	4.096	23.323	15.857	10.635	16.332	7.513	4.807	12.155	19.705	9.434
521	CLERGYMAN	177	8.059	22.109	19.280	13.677	21.060	10.572	5.494	13.319	18.170	7.158
523	RELIGIOUS WORKER (OTHER)	23	6.345	18.123	17.107	14.073	29.028	16.879	6.859	15.604	14.774	7.388
531	WRITER (NEC)	21	7.679	19.639	18.369	15.079	20.014	12.800	7.056	13.772	18.851	6.434
534	JOURNALIST/REPORTER	43	7.654	20.641	17.622	13.986	19.763	9.822	5.905	14.871	15.783	6.766
537	EDITOR	10	9.597	27.504	18.143	12.867	21.157	11.298	5.122	16.862	10.883	5.502
541	FINE ARTS	22	8.704	21.059	16.162	12.401	22.591	12.373	5.588	13.171	14.585	6.638
545	COMM ARTIST	54	7.543	18.068	20.583	16.292	18.839	10.189	5.500	16.790	14.464	6.845
547	DESIGNER (CONS GOODS)	14	8.192	19.441	17.852	10.245	14.903	8.807	5.829	9.893	12.750	5.255
551	MUSICIAN	17	8.974	18.212	22.606	13.939	21.255	9.264	7.202	13.989	13.929	6.971

TABLE 1.1 (continued)

#	GROUP	N	MEANS									
			STUDENT INFORMATION BLANK SCALES (CONTD.)									
			SELF-PERCEP OF RDNG SKILLS	AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			P-829	F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
571	ACTOR	11	32.091	44.364	24.545	16.818	52.091	21.545	14.091	13.636	45.364	15.000
575	THEATRE (OTHER)	25	27.000	42.240	37.480	23.800	57.920	21.520	13.640	18.600	42.160	17.280
578	RADIO/TV ANNOUN.	10	26.900	39.500	27.000	18.900	45.200	19.600	12.300	8.300	44.800	16.300
579	MISC PERF ARTS	12	21.167	25.333	23.500	15.667	55.000	20.083	15.833	23.750	47.167	19.083
611	PRO ATHLETE	10	21.900	20.500	36.000	22.400	46.600	14.900	17.000	25.600	44.500	17.300
612	PRO ATHLETICS (AUX)	14	24.357	23.786	25.286	18.286	63.786	20.286	19.500	23.357	40.143	14.786
621	RECREATION DIR.	22	19.818	33.500	27.591	18.773	63.045	24.773	11.136	12.273	44.318	19.773
623	FRSTRY, HUNT, TRAP	123	21.602	22.122	32.390	21.740	64.406	27.000	14.496	17.854	39.886	19.610
631	FARM/RANCH OWNER	8	23.125	36.000	33.750	24.750	67.750	29.375	15.375	18.500	44.500	18.500
632	FARM/RANCH MGR	224	21.201	22.431	34.294	19.922	62.127	24.353	12.681	15.824	37.985	17.240
639	FARMING (OTHER)	51	22.804	38.529	33.176	19.784	61.275	24.725	15.686	14.157	47.667	20.196
640	MILITARY (RANK NOT IND)	27	23.963	35.963	28.074	17.593	55.185	23.556	13.111	11.963	46.185	18.704
641	MILITARY-ENLISTED	111	27.036	39.360	34.144	20.929	61.252	22.604	17.045	18.559	46.973	17.459
642	MILITARY-OFFICER	15	23.867	30.600	31.333	18.933	58.200	21.933	15.667	17.467	41.733	16.000
650	INTELLIGENCE-CIA, ETC.	188	23.085	27.367	27.191	17.027	54.787	22.197	15.766	14.856	48.516	19.564
661	POLICE (PUBLIC)	48	20.813	25.354	26.042	15.146	58.146	21.083	14.958	12.396	47.375	19.542
666	FIREMAN	19	25.316	29.263	29.474	21.105	61.632	23.211	15.526	14.684	47.105	17.158
669	OTHER PROTECTIVE	65	23.909	29.667	29.545	17.939	53.530	19.682	15.227	15.409	48.955	18.121
711A	BANKING & FINANCE, I	114	25.860	30.404	29.746	17.298	60.886	21.877	17.035	17.781	45.561	17.623
711B	BANKING & FINANCE, II	15	28.200	34.000	38.667	29.467	64.467	27.733	19.000	14.800	52.933	17.600
712	INVSTMNT,STOCK CONSULT	167	24.593	30.275	25.952	16.216	56.647	21.024	16.347	15.545	45.293	19.641
716	CPA	329	24.149	29.486	28.261	16.650	53.672	19.359	15.672	14.459	43.240	17.784
717	ACCTANT (EXC CPA)	40	24.400	27.325	33.075	22.175	61.525	22.475	17.875	18.625	49.575	19.425
721	PURCHASING AGENT	10	22.200	18.000	44.000	27.000	73.000	27.600	18.600	12.000	43.500	18.000
722	RETAIL BUYER	130	25.831	33.823	31.469	20.162	62.954	23.938	17.192	18.977	47.615	18.692
723	EFFICIENCY EXPERT	30	24.667	35.800	34.767	22.633	53.633	19.833	16.900	23.233	51.900	14.500
724	ADVERTISING	44	26.636	32.409	35.727	22.773	57.886	21.727	17.773	19.864	51.773	18.614
725	PUBLIC RELATIONS	72	26.208	35.083	28.625	17.861	57.806	20.611	16.736	20.431	45.083	17.861
726	PERSONNEL ADMIN	35	23.286	26.429	30.286	19.429	63.314	24.514	16.457	17.886	52.514	19.257
727	APPRAISING/ESTIMATING	27	24.593	22.074	25.556	15.481	55.000	21.185	16.889	12.704	50.037	20.926
728	LOAN/CREDIT INVESTIG	514	24.975.	30.936	30.171	18.823	58.625	22.158	16.732	16.556	47.554	18.292
730	BUS MGMT/ADMIN (NEC)	55	23.909·	32.327	32.236	20.036	63.255	23.091	17.582	18.473	48.145	17.800
731	MFG MGMT	204	24.789	29.765	30.441	19.206	57.667	21.064	15.662	15.789	48.466	19.814
732	WHSL/RET TRADE MGMT/MKTG	53	23.434	28.245	25.604	15.981	59.698	23.868	15.038	12.226	48.849	21.321
738	SUPERVISOR IN BUS	27	19.815	29.667	25.333	16.000	56.296	21.000	13.889	15.074	52.444	20.259
741	SALESCLERK	17	27.529	28.941	32.353	22.647	62.118	20.118	16.176	18.294	52.882	15.471
743	STOCKBROKER	24	23.708	29.625	36.750	23.042	61.458	21.583	16.542	16.250	51.542	17.750
745	REAL EST SLSMAN	59	22.971	32.029	29.493	19.043	60.058	22.406	17.406	18.652	49.478	19.058
746	INSURANCE SLSMAN	11	17.727	22.455	27.545	14.818	59.455	21.818	14.636	8.818	49.909	22.182
747	AUTO SLSMAN	327	23.358	30.694	31.083	19.780	59.291	22.511	16.807	18.550	49.695	19.908
748	OTHER SLSMAN (NEC)	63	25.841	31.016	31.540	19.095	57.159	22.222	17.254	18.159	51.936	18.254
749	SALES MGR	12	24.333	30.083	28.333	16.083	64.000	23.000	17.917	13.167	43.667	19.833
751	BOOKKEEPER	13	24.308	29.615	21.538	13.231	60.846	21.923	17.923	12.769	33.615	17.846
755	MISC ACCT RECDG	97	24.474	30.103	26.268	16.423	55.660	20.567	15.206	12.804	44.577	18.258
758	COMPUTER OPERATOR	23	21.261	23.435	21.478	13.217	54.000	21.174	13.957	14.391	49.913	18.478
769	CLERK (MISC)	21	23.667	27.667	31.905	17.310	63.905	23.381	14.143	13.429	47.429	16.714
772	OFFICE MGR	10	24.500	18.400	31.000	19.600	59.400	23.900	13.300	15.700	48.000	21.400
789	OTHER "PUB CONTACT" OCCS	16	21.000	33.250	27.063	17.625	54.625	21.500	14.500	17.500	43.563	17.250
791	RADIO, TELEGR, TTY OP	20	22.650	21.350	23.300	10.950	55.550	18.650	15.450	14.150	42.700	18.200
796	MAIL CARRIER	138	22.417	27.019	31.083	17.787	57.472	22.731	15.028	14.500	46.491	18.935
797	MISC CLERICAL	59	25.068	34.237	28.441	17.898	58.763	22.847	15.864	19.441	45.559	17.441
798	MISC ADMINISTRATIVE	211	21.554	28.095	27.280	16.427	58.735	23.730	14.896	13.327	46.360	19.687
810	ELECTRICIAN	258	23.322	31.488	24.926	14.915	61.062	23.333	14.674	13.171	44.279	18.686
811	ELECTRONIC TECHNICIAN	51	22.667	26.412	23.745	14.922	65.235	27.314	15.098	12.824	42.804	20.118
812	APPLIANCE REPAIR	53	23.302	27.415	25.849	15.642	61.075	24.226	15.245	12.208	50.623	17.849
813	PHONE INSTALL & REPAIR	40	20.725	29.850	24.725	15.700	59.550	25.800	15.575	14.250	46.550	19.500
814	REPAIR AND SERV COMP	133	20.722	23.383	26.692	15.226	60.835	23.609	13.556	12.308	44.218	19.218
820	MECHANIC (NEC)	112	19.795	25.205	26.402	15.063	61.393	25.848	13.446	12.063	42.643	20.036
821	AUTO MECHANIC	101	19.663	26.901	29.099	16.733	62.802	25.505	15.050	14.574	47.356	20.277
822	AIRPLANE MECHANIC	14	20.786	33.071	25.143	15.714	59.071	22.786	11.714	14.214	44.071	19.571
823	OFFICE MACH REPAIR	28	18.107	16.107	20.714	10.321	57.821	21.571	12.786	6.429	44.214	19.714
824	IND MACH REPAIR	276	22.221	24.163	24.370	14.304	61.598	24.083	14.692	11.804	47.601	19.572
828	MACHINIST	11	22.364	28.818	25.455	13.818	46.545	18.182	16.273	9.000	37.727	17.182
831	CABINET MAKER	63	20.032	25.032	27.952	15.857	65.460	26.587	14.222	13.286	45.429	20.238
832	CARPENTER	119	20.639	22.151	27.437	14.563	61.000	24.597	15.134	12.874	48.017	20.134
833	METAL TRADES	66	21.227	29.258	36.379	21.727	65.636	27.485	14.379	12.470	46.000	20.439
834	BRKLYR, MASON, PTR, RFR	81	21.481	28.074	23.259	14.284	57.309	22.148	15.062	11.506	48.667	20.926
835	PLUMBER, PIPEFITTER	42	22.071	25.524	29.762	18.214	59.833	25.000	14.357	16.405	45.167	20.524
836	HEAVY EQUIP OP	43	23.186	24.721	25.349	13.953	67.326	26.302	15.628	12.302	46.605	20.279
837	MISC BLDG & CONST	12	20.250	19.083	42.500	22.167	67.667	29.917	17.000	22.000	54.333	22.333
838	MINING, QUARRYING, DRLNG	164	25.171	34.482	28.006	18.293	60.085	22.805	17.043	15.951	43.902	17.915
841	PILOT	10	27.800	49.000	33.000	22.200	68.600	25.400	17.800	24.100	46.600	18.700
843	AIRPLANE NAVIGATOR	10	22.100	41.100	28.000	20.000	63.500	24.700	19.000	12.900	48.300	18.700
848	AIR TRAFFIC CONTROLLER	14	24.857	36.286	33.143	23.857	67.500	29.286	18.357	15.857	46.143	20.071
851	MERCHANT MARINE OCC	22	20.318	27.909	28.636	19.682	56.682	21.909	15.227	18.318	54.773	20.500
852	RAILROAD OCCS	91	19.890	21.758	24.560	15.341	60.000	24.088	13.220	13.088	44.978	20.121
853	AUTO, BUS, TRUCK DRIVER	104	21.452	24.327	27.356	14.788	55.269	21.904	14.837	12.596	48.856	20.183
861	PRINTING TRADES	20	23.500	32.050	34.500	17.850	58.950	22.800	15.900	18.150	47.150	19.450
863	SURVEYOR	134	21.955	27.104	24.836	14.978	61.493	24.321	15.157	14.746	48.522	18.522
864	DRAFTSMAN	37	23.541	34.432	26.000	17.730	59.108	24.135	15.351	12.189	43.324	15.541
865	PHOTOGRAPHY	8	20.875	25.000	28.750	21.000	61.125	19.750	14.750	13.250	52.375	22.625
866	INTERIOR DECORATOR	9	21.889	31.667	44.222	23.889	75.556	31.222	20.222	26.444	49.667	21.444
867	LANDSCAPE ARCH	20	20.250	22.750	33.300	19.350	63.750	28.250	14.600	13.650	50.050	17.600
881	FOOD & BEVERAGE PREP	35	21.400	20.943	28.229	16.714	56.486	21.886	15.486	15.257	47.714	21.114
885	BUTCHER, MEAT CUTTER	8	21.500	24.750	38.750	17.500	56.500	25.000	14.000	24.875	53.875	19.250
891	MISC PERSONAL SERV	29	21.897	26.414	38.793	24.241	61.759	24.414	14.931	14.276	45.276	19.172
892	BARBER	18	22.111	34.667	29.444	14.500	45.778	19.889	13.000	16.389	51.389	15.389
893	HAIRDRESSER	314	21.143	27.252	28.038	16.226	57.611	22.545	13.736	12.236	44.570	19.099
899	GENERAL LABORER											
	TOTAL	14570	24.164	30.778	29.446	18.299	59.186	22.657	15.791	16.048	45.712	18.218

TABLE 1.1 (continued)

#	GROUP	N	STANDARD DEVIATIONS									
			STUDENT INFORMATION BLANK SCALES (CONTD.)									
			SELF-PERCEP OF RDNG SKILLS	AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			P-829	F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
571	ACTOR	11	3.562	33.254	17.529	14.204	21.760	15.958	6.268	14.382	15.519	8.295
575	THEATRE (OTHER)	25	7.610	22.018	24.754	14.239	22.316	10.100	6.800	15.281	14.270	7.700
578	RADIO/TV ANNOUN.	23	8.317	19.524	19.526	14.887	22.538	10.451	4.569	13.863	16.736	7.787
579	MISC PERF ARTS	10	7.460	27.403	16.364	8.774	19.171	12.677	5.889	9.105	15.845	8.945
611	PRO ATHLETE	12	9.163	24.496	20.576	13.587	27.624	10.273	5.967	16.657	10.329	6.585
612	PRO ATHLETICS (AUX)	10	6.262	11.530	24.585	15.211	26.286	9.927	5.033	13.906	15.939	6.430
621	RECREATION DIR.	14	9.564	15.871	16.373	13.053	19.220	8.525	4.942	12.659	10.472	5.102
623	FRSTRY, HUNT, TRAP	22	7.799	25.341	28.265	18.309	23.355	11.984	5.258	14.317	15.755	7.647
631	FARM/RANCH OWNER	123	8.110	17.304	22.837	16.504	19.246	11.085	6.006	13.552	14.523	7.280
632	FARM/RANCH MGR	9	8.709	25.026	18.468	14.568	13.594	10.954	3.204	15.381	17.728	5.043
639	FARMING (OTHER)	204	7.775	18.169	23.655	15.457	21.604	11.634	5.919	13.789	15.536	7.657
640	MILITARY (RANK NOT IND)	51	6.794	22.990	26.067	16.444	23.813	11.332	6.032	12.146	14.359	6.369
641	MILITARY-ENLISTED	27	8.141	28.760	19.886	14.996	23.910	14.719	6.179	13.769	18.141	6.005
642	MILITARY-OFFICER	111	7.598	22.188	19.975	13.125	22.004	11.343	5.675	12.300	12.967	5.905
650	INTELLIGENCE-CIA, ETC.	15	6.632	21.155	27.997	16.298	27.056	12.814	4.065	12.529	13.014	8.627
661	POLICE (PUBLIC)	128	7.720	18.875	20.764	14.921	23.400	12.059	5.374	14.347	14.082	6.788
666	FIREMAN	43	7.623	19.177	18.421	12.320	22.909	12.014	5.653	12.963	16.115	7.613
669	OTHER PROTECTIVE	10	6.684	22.691	25.050	17.246	26.607	16.649	6.389	13.675	16.957	7.050
711A	BANKING & FINANCE, I	44	7.922	19.179	20.908	14.450	20.594	10.361	5.409	13.275	13.767	8.076
711B	BANKING & FINANCE, II	114	7.299	19.549	16.854	11.341	22.601	10.463	5.154	14.193	14.600	6.813
712	INVSTMNT,STOCK CONSULT	15	5.427	15.217	21.336	19.896	29.325	16.884	4.811	14.234	9.422	7.169
716	CPA	167	7.559	20.481	17.620	12.664	20.710	10.847	5.138	13.878	15.480	6.746
717	ACCTANT (EXC CPA)	322	7.463	20.328	19.531	12.175	22.425	10.168	5.714	12.673	16.466	7.004
721	PURCHASING AGENT	40	7.337	17.054	15.217	12.085	21.430	10.912	4.158	15.104	12.395	6.072
722	RETAIL BUYER	10	4.709	9.638	26.750	19.448	10.403	8.631	4.671	13.654	18.632	7.226
723	EFFICIENCY EXPERT	130	8.244	23.416	19.644	13.466	22.980	12.293	4.551	13.815	12.854	6.532
724	ADVERTISING	20	8.833	22.318	22.749	18.359	23.049	10.879	5.774	13.655	11.511	7.860
725	PUBLIC RELATIONS	44	6.567	20.950	21.142	14.565	24.768	10.447	4.345	13.102	7.313	6.718
726	PERSONNEL ADMIN	72	7.101	19.379	14.835	9.903	21.483	9.776	5.132	15.240	13.666	6.849
727	APPRAISING/ESTIMATING	25	8.529	17.676	17.571	13.408	21.385	12.928	5.135	13.341	8.308	6.460
728	LOAN/CREDIT INVESTIG	27	9.752	16.726	16.251	11.788	19.207	9.872	6.185	13.410	16.180	6.019
730	BUS MGMT/ADMIN (NEC)	514	7.394	20.050	20.368	14.632	23.203	11.121	4.966	13.385	13.872	6.659
731	MFG MGMT	55	6.897	18.638	20.660	14.164	21.698	9.941	5.446	12.918	10.295	6.332
732	WHSL/RET TRADE MGMT/MKTG	204	6.862	19.434	17.776	12.512	22.228	10.771	4.990	13.323	11.949	6.731
738	SUPERVISOR IN BUS	53	6.390	17.213	20.308	12.044	21.444	11.538	5.595	13.950	11.948	5.977
741	SALESCLERK	27	8.129	21.179	21.015	14.120	23.911	10.745	6.210	16.427	10.793	7.294
743	STOCKBROKER	17	6.094	8.235	17.510	11.758	20.177	6.284	6.502	13.331	7.889	5.398
745	REAL EST SLSMAN	24	8.338	22.889	21.939	15.903	19.704	9.334	4.818	13.198	10.730	7.158
746	INSURANCE SLSMAN	49	7.748	19.872	19.762	12.107	20.959	10.339	4.846	13.108	12.487	6.966
747	AUTO SLSMAN	11	9.078	18.625	18.555	12.106	22.241	7.534	6.021	11.098	20.236	6.178
748	OTHER SLSMAN (NEC)	327	7.827	19.372	20.559	15.261	22.850	11.233	5.603	13.484	12.019	6.554
749	SALES MGR	63	7.142	21.092	17.065	12.726	22.881	11.700	4.977	14.584	12.973	6.190
751	BOOKKEEPER	12	6.853	21.017	15.275	8.702	23.238	13.362	4.699	14.154	18.860	5.573
755	MISC ACCT RECDG	13	3.473	23.172	20.350	12.930	22.229	12.010	5.267	16.669	16.746	6.793
758	COMPUTER OPERATOR	97	6.677	19.261	20.045	14.115	24.570	11.401	5.410	13.428	16.288	6.270
769	CLERK (MISC)	23	6.683	11.496	19.801	12.724	22.994	9.861	6.079	13.193	12.649	8.073
772	OFFICE MGR	21	7.578	19.893	16.619	9.724	24.946	13.040	5.498	10.948	10.614	6.849
789	OTHER "PUB CONTACT" OCCS	10	7.792	10.543	21.318	17.989	23.310	13.924	3.743	11.973	14.291	5.854
791	RADIO, TELEGR, TTY OP	16	7.572	18.024	24.455	17.828	20.601	11.237	4.243	11.855	17.557	5.410
796	MAIL CARRIER	20	6.209	19.690	21.689	10.470	24.021	11.645	5.577	13.382	16.167	7.824
797	MISC CLERICAL	109	8.092	20.193	26.585	15.418	24.380	11.759	5.717	13.916	15.629	7.081
798	MISC ADMINISTRATIVE	59	7.095	18.850	22.202	13.538	23.948	11.918	5.409	14.820	13.768	7.751
810	ELECTRICIAN	211	7.352	21.101	23.127	14.556	23.487	12.178	5.665	14.037	15.320	6.630
811	ELECTRONIC TECHNICIAN	258	8.218	21.741	20.533	12.402	21.470	10.581	5.475	13.877	15.311	6.317
812	APPLIANCE REPAIR	51	8.406	21.717	15.979	11.380	19.610	12.320	5.088	13.641	14.454	6.895
813	PHONE INSTALL & REPAIR	53	7.353	20.480	21.522	13.333	25.087	13.889	6.142	13.312	10.496	6.735
814	REPAIR AND SERV COMP	40	8.907	22.801	21.214	15.334	23.969	12.179	6.143	12.969	10.025	7.552
820	MECHANIC (NEC)	133	7.031	16.764	20.267	12.306	21.445	10.933	5.605	14.837	14.841	6.532
821	AUTO MECHANIC	112	8.760	19.876	21.280	13.708	21.846	11.270	5.862	14.773	14.391	6.408
822	AIRPLANE MECHANIC	101	8.507	20.643	23.916	14.913	20.394	11.966	5.716	14.713	14.429	6.654
823	OFFICE MACH REPAIR	14	8.568	17.473	20.632	14.720	27.855	12.466	5.384	13.995	13.012	5.840
824	IND MACH REPAIR	28	7.335	18.295	25.521	11.554	20.376	9.295	6.149	10.451	13.847	7.122
828	MACHINIST	276	7.170	18.992	21.221	14.234	21.954	11.002	5.545	13.632	15.604	6.547
831	CABINET MAKER	11	8.880	25.510	19.164	12.937	13.772	7.521	4.245	7.836	18.575	7.534
832	CARPENTER	63	8.610	18.035	21.578	12.809	22.501	10.929	5.018	14.287	14.652	6.862
833	METAL TRADES	119	7.952	16.699	23.356	12.873	23.054	11.651	5.336	14.202	14.466	5.725
834	BRKLYR, MASON, PTR, RFR	66	8.302	21.821	28.005	19.208	22.054	13.863	5.925	14.312	12.608	5.332
835	PLUMBER, PIPEFITTER	81	7.945	20.347	22.557	14.576	23.321	11.182	5.969	14.028	13.781	5.977
836	HEAVY EQUIP OP	42	7.943	23.222	25.518	17.382	23.433	12.691	5.826	14.832	15.265	7.451
837	MISC BLDG & CONST	43	7.478	18.814	18.689	10.128	20.756	11.124	5.508	13.136	17.464	6.720
838	MINING, QUARRYING, DRLNG	12	5.529	14.805	23.789	13.293	25.317	16.284	7.122	13.980	17.354	4.334
841	PILOT	164	7.802	21.402	17.303	12.970	21.711	10.319	4.771	13.763	13.510	6.939
843	AIRPLANE NAVIGATOR	10	5.051	16.760	10.593	6.268	18.428	8.017	5.116	11.827	10.047	3.529
848	AIR TRAFFIC CONTROLLER	10	10.408	29.004	30.840	25.521	24.033	13.889	2.789	15.481	10.750	5.697
851	MERCHANT MARINE OCC	14	8.151	25.354	16.071	12.829	28.630	15.061	6.523	16.365	11.740	6.639
852	RAILROAD OCCS	22	5.777	21.078	21.223	15.752	21.041	11.555	6.324	13.636	12.910	5.755
853	AUTO, BUS, TRUCK DRIVER	91	8.003	19.269	21.368	15.432	23.147	11.152	5.887	13.567	15.485	6.960
861	PRINTING TRADES	104	8.145	18.439	22.504	13.394	24.133	12.238	5.218	13.989	12.940	6.485
863	SURVEYOR	20	6.886	17.919	24.165	15.672	23.590	11.710	6.357	16.158	13.876	6.942
864	DRAFTSMAN	134	7.635	18.892	21.162	14.494	25.264	13.004	5.851	14.687	15.446	6.165
865	PHOTOGRAPHY	37	8.614	24.151	22.405	18.811	24.812	12.985	4.951	12.808	14.267	7.105
866	INTERIOR DECORATOR	9	10.562	18.662	27.484	24.611	23.179	9.239	6.649	11.374	10.056	2.560
867	LANDSCAPE ARCH	9	10.130	18.493	31.168	16.481	15.241	8.243	4.206	11.907	7.246	4.613
881	FOOD & BEVERAGE PREP	20	6.480	19.455	31.337	20.919	22.511	15.454	5.462	13.960	11.325	7.401
885	BUTCHER, MEAT CUTTER	35	7.480	18.298	21.892	13.217	25.138	14.818	6.012	14.139	12.442	5.351
891	MISC PERSONAL SERV	8	10.836	27.778	36.815	16.895	31.753	21.778	6.211	17.635	5.384	7.611
892	BARBER	29	8.099	19.334	29.659	24.779	25.015	12.266	5.398	15.078	11.386	6.012
893	HAIRDRESSER	18	9.560	17.670	31.149	13.747	24.692	13.114	5.584	16.614	12.719	8.535
899	GENERAL LABORER	314	7.454	21.003	25.724	16.950	23.826	12.546	5.835	14.201	15.340	6.918
	TOTAL	14570	7.939	21.064	20.806	14.352	22.829	11.543	5.565	14.020	14.640	6.913

TABLE 1.2

MEANS AND STANDARD DEVIATIONS OF 11TH GRADE FEMALES ON 109 VARIABLES GROUPED BY OCCUPATION FIVE YEARS OUT OF HIGH SCHOOL

#	GROUP	N	MEANS										
			INFORMATION TEST I										
			SCREENING	VOCABULARY I	LITERATURE	MUSIC	SOCIAL STUDIES	MATHEMATICS	PHYSICAL SCIENCES	BIOL SCIENCES	SCIENT ATTIT	AERO & SPACE	ELECTRICITY, ELECTRONICS
			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110	R-111
000	NO ANSWER	1522	11.616	9.701	12.471	8.545	13.776	7.463	6.718	5.634	5.991	2.641	5.229
001	DON'T KNOW	166	11.657	11.036	14.452	7.313	15.753	10.229	8.000	6.488	6.747	3.084	5.952
010	HOUSEWIFE	6158	11.740	10.689	13.031	6.930	14.617	7.858	6.984	5.785	6.324	2.719	5.460
020	NO SPEC INCOME JOB	4	12.000	12.250	13.500	8.500	14.750	6.750	8.500	7.000	7.500	4.250	6.500
101	EXECUTIVE (NEC)	2	12.000	12.500	16.000	11.000	15.500	8.000	11.000	8.000	7.000	5.000	9.500
102	FOREMAN (NEC)	2	10.500	3.500	6.000	3.000	4.000	5.000	5.000	5.000	3.500	0.0	4.500
111	WORK FOR GOVT (NEC)	31	11.677	10.581	14.677	7.290	16.581	9.258	7.903	6.613	6.258	3.065	5.097
112	IN BUS FOR SELF (NEC)	33	11.576	11.333	14.091	7.455	14.364	9.121	7.333	6.000	6.939	3.061	6.495
120	IND, BUS, COMM (NEC)	26	11.269	9.946	12.962	6.269	14.577	7.538	6.462	5.577	5.808	2.615	5.038
121	RETAIL (NEC)	2	11.500	13.000	15.000	7.000	18.500	16.000	10.000	6.000	8.500	3.500	7.500
122	TRANSPORTATION (NEC)	6	11.833	12.167	13.500	7.167	13.333	6.500	4.667	5.500	6.667	3.333	5.667
123	REAL ESTATE (NEC)	5	11.800	12.800	12.200	9.000	12.800	7.400	7.600	6.000	7.600	3.800	6.000
124	INSURANCE (NEC)	7	12.000	8.714	13.429	5.714	14.143	6.429	7.143	5.286	6.571	4.000	6.857
125	ELECTRONICS (NEC)	2	12.000	1.500	13.000	4.500	11.500	6.500	4.500	6.500	5.500	3.500	5.000
140	"WORK WITH PEOPLE" (NEC)	2	12.000	12.500	12.000	5.500	14.500	6.500	9.500	8.000	8.000	2.000	6.500
141	"WORK W CHILDREN" (NEC)	7	11.429	9.286	10.857	4.429	11.714	6.429	5.857	5.143	5.857	2.143	5.429
211	MATH, STAT	20	11.750	12.650	17.450	8.900	19.450	17.350	13.200	7.450	7.950	4.250	8.150
221	SYSTEMS ANALYST	14	11.786	12.500	15.857	9.357	19.214	17.286	11.571	7.143	8.000	3.714	7.714
222	COMPUTER PROGRAMMER	53	11.868	12.302	16.849	8.830	18.585	15.830	10.811	6.830	7.094	3.585	6.377
229	COMPUTER SPEC (NEC)	4	11.750	13.250	15.250	8.500	16.250	14.500	11.750	7.000	7.000	4.750	8.500
230	PHYSICAL SCI (NEC)	3	11.667	13.000	19.000	8.333	17.667	13.000	11.000	7.667	6.000	5.000	5.667
231	CHEMIST	15	12.000	13.667	17.800	9.333	20.067	17.200	12.800	7.933	7.600	3.867	8.400
299	PHYS SCI, LAB TECH	29	11.862	11.448	14.103	7.690	16.414	10.448	9.414	6.241	6.759	3.241	6.828
310	BIOLOGIST, ZOOLOGIST	20	12.000	13.350	18.450	9.850	20.050	14.700	12.600	7.800	7.550	4.500	8.250
315	PHARMACOLOGIST	4	11.750	13.500	19.000	11.250	21.250	18.000	14.500	7.000	7.250	5.000	10.750
316	MICROBIOLOGIST	13	11.846	13.308	16.846	9.000	19.308	15.308	11.462	8.154	8.154	3.769	7.308
317	BIOCHEMIST	8	12.000	12.625	18.625	9.875	20.375	15.750	12.625	8.000	7.750	4.750	6.250
319	OTHER CHEM SCI	3	9.667	5.667	13.333	4.667	15.333	8.667	8.667	7.667	5.000	3.000	6.667
329	MD-OTHER	8	11.875	12.125	20.250	10.000	19.125	16.875	11.625	7.625	7.750	4.500	8.125
333	VETERINARIAN	2	12.000	14.000	18.500	10.000	22.500	16.500	11.000	8.000	7.500	5.000	4.500
335	PHARMACIST	14	12.000	13.071	18.286	10.071	19.071	16.429	12.143	7.643	7.357	4.429	6.929
337	RN	591	11.826	12.387	15.538	8.298	17.728	12.404	9.800	7.103	7.052	3.213	6.548
341	DENTAL HYGIENIST	32	11.813	12.438	15.938	8.281	18.000	13.875	9.000	6.875	7.188	3.594	5.781
343	PHYSICAL THERAPIST	16	12.000	12.625	16.188	8.750	17.563	13.063	9.625	7.250	7.625	3.375	5.625
344	OCCUPATIONAL THERAP	13	11.923	13.154	17.000	10.385	19.538	14.538	11.462	8.462	8.385	4.615	8.154
346	SPEC THERAP (MISC)	15	11.800	12.600	16.733	10.000	18.800	14.000	10.667	7.200	6.933	3.733	[illegible].800
347	MED/DENT TECHNOLOGIST	93	11.806	12.301	15.667	8.796	17.860	13.892	11.194	7.301	7.000	3.806	6.903
348	MED/DENT TECHNICIAN	139	11.616	10.942	13.464	7.304	15.080	9.377	7.464	6.043	6.225	3.145	5.848
360	PSYCHOLOGIST	47	11.723	12.723	18.723	9.787	19.489	15.915	12.106	7.468	7.532	3.894	8.574
369	PSYCH RES ASST	3	12.000	13.333	18.333	8.667	20.333	18.000	11.333	7.000	9.333	2.333	7.333
370	SOCIAL WORKER	177	11.814	12.446	16.271	8.831	17.927	12.712	9.537	7.023	6.960	3.079	6.345
371	PSYCHIATRIC SOC WRKER	12	11.917	12.417	17.333	9.333	17.500	15.250	10.167	7.500	6.750	2.667	6.667
372	COUNSELING/GUIDANCE	12	11.583	11.917	15.333	8.250	17.000	13.333	9.000	6.500	7.000	2.333	5.000
373	VOC/ED GUIDANCE	40	11.775	12.600	17.200	9.600	18.025	14.475	10.900	7.250	7.550	3.000	6.625
382	ECONOMIST	2	12.000	11.500	16.000	7.000	16.500	12.500	11.000	7.500	8.000	2.000	7.500
383	SOCIOLOGIST	2	12.000	11.000	17.500	8.000	17.000	7.500	7.500	7.500	5.000	3.000	6.000
384	ANTHROPOLOGIST	4	12.000	15.000	20.250	10.750	18.750	14.750	11.500	8.500	7.000	3.750	8.500
389	SOCIAL SCI (MISC)	6	12.000	13.167	19.333	10.333	20.833	18.000	11.333	8.500	8.000	4.500	6.000
391	POLITICIAN	5	12.000	13.800	17.800	10.400	17.200	9.000	7.000	6.200	7.000	2.600	3.600
392	DIPLOMAT	3	12.000	13.000	19.000	10.333	20.333	12.000	10.000	8.000	7.333	4.333	6.667
393	LAWYER	11	11.909	13.364	20.182	12.000	20.364	18.000	12.455	7.909	9.000	4.091	7.364
394	MARKET ANALYST	3	12.000	11.667	16.000	10.000	19.000	17.667	11.000	7.333	6.667	3.667	7.000
398	CITY PLANNER (NEC)	3	12.000	12.667	22.333	11.333	21.000	21.333	14.000	9.000	9.333	5.667	9.333
400	TEACHER (NEC)	1326	11.821	12.348	15.982	8.678	17.925	12.640	9.475	6.890	7.143	3.112	6.180
410	TCHNG YNG CHILDREN	10	11.500	13.100	16.600	8.400	17.300	13.800	10.400	7.500	7.000	3.900	6.600
411	TCHNG PRESCH CHILDREN	30	11.900	12.800	15.600	9.033	17.800	10.733	8.867	6.900	6.633	2.933	6.200
412	TEACHER-ELEM	616	11.766	12.273	15.320	8.513	17.407	12.115	8.927	6.713	6.945	3.013	6.185
420	TEACHER-HS (NEC)	91	11.815	12.605	17.025	8.667	18.617	13.383	10.457	7.420	7.235	3.494	7.185
421	TEACHER-HS MATH	36	11.861	12.472	16.639	8.389	18.750	16.861	11.528	7.194	7.083	3.500	7.056
422	TEACHER-HS SCIENCE	30	11.600	11.333	16.267	8.533	19.000	15.600	11.400	8.033	7.600	3.600	7.200
423	TEACHER-HS SOC STUD	54	11.907	12.537	17.796	8.944	19.426	13.407	10.278	7.407	7.370	3.574	6.704
424	TEACHER-ENGLISH	132	11.803	12.727	17.689	9.561	18.955	13.212	10.197	7.220	7.356	3.273	6.106
425	TEACHER-FOREIGN LANG	46	11.870	12.957	18.130	9.391	20.413	15.022	10.304	6.957	7.761	3.457	6.543
426	TEACHER-COMM ED	57	11.614	11.018	12.737	7.298	15.228	8.509	7.035	5.754	6.509	2.947	5.421
427	TEACHER-HS HOME EC	68	11.853	12.441	14.912	8.059	17.279	11.956	9.279	6.824	6.853	2.588	6.338
428	TEACHER-TRADES	4	12.000	13.000	16.750	9.000	17.500	12.250	10.750	9.000	7.750	3.250	4.750
429	TEACHER-PHYS ED	59	11.949	10.966	15.186	8.169	17.525	11.559	9.305	6.695	6.763	3.525	6.525
431	TEACHER-ART	50	11.820	12.460	16.660	8.640	18.460	12.440	9.780	7.880	7.240	3.640	6.160
432	TEACHER-MUSIC	65	11.723	12.277	15.462	10.092	16.462	12.154	9.000	6.631	7.000	2.938	6.231
440	TEACHER-HANDICAPPED	70	11.914	12.057	16.057	8.514	17.371	12.071	9.071	6.843	7.043	3.314	6.043
441	SPEECH THERAPIST	39	11.872	12.692	16.051	9.282	17.872	11.590	9.308	7.667	6.949	3.051	6.051
450	SCHOOL ADM (EXC COLL)	5	12.000	9.800	15.800	9.000	16.200	11.600	9.400	5.600	6.200	3.800	6.800
460	COLL/UNIV TCHR (NEC)	107	11.813	13.019	17.925	9.897	19.196	14.785	11.308	7.664	7.327	3.654	7.056
461	COLL/UNIV TCHR-MATH	10	12.000	12.300	17.800	10.100	19.800	17.900	12.000	7.800	7.900	3.700	9.500
462	COLL/UNIV TCHR-SCIENCE	17	12.000	14.118	20.235	10.471	21.529	18.824	14.941	8.882	8.176	5.294	10.000
463	COLL/UNIV TCHR-SOC SCI	16	11.688	12.875	19.375	9.563	20.063	14.563	11.375	7.938	7.188	3.375	6.813
464	COLL/UNIV TCHR-ENGLISH	32	11.969	12.844	19.063	9.563	20.094	16.406	10.906	7.844	8.094	3.938	7.094
465	COLL/UNIV TCHR-FOR LANG	19	11.947	13.158	18.211	10.000	20.053	15.947	11.684	7.263	7.789	3.895	6.053
470	COLL/UNIV TCHR-ADM	4	12.000	13.500	18.500	10.000	20.000	14.750	8.500	7.250	7.000	4.250	5.250
499	AUX JOBS IN EDUC	3	10.000	6.000	9.333	3.333	11.000	6.333	4.667	5.333	4.000	1.667	3.333
511	LIBRARIAN	77	11.766	12.390	17.143	9.078	19.260	13.026	10.052	7.312	7.286	4.000	6.403
521	CLERGYMAN	7	12.000	12.857	17.714	9.429	17.571	11.000	9.000	6.714	7.286	3.286	5.571
522	MONK, BROTHER, NUN	29	11.759	12.448	16.690	8.310	18.448	12.897	9.793	6.897	6.966	3.276	5.621

TABLE 1.2 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST I										
			SCREENING	VOCABULARY I	LITERATURE	MUSIC	SOCIAL STUDIES	MATHEMATICS	PHYSICAL SCIENCES	BIOL SCIENCES	SCIENT ATTIT	AERO & SPACE	ELECTRICITY, ELECTRONICS
			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110	R-111
000	NO ANSWER	1522	0.941	4.918	4.604	2.977	5.160	5.026	3.635	2.245	1.940	1.648	2.523
001	DON'T KNOW	166	0.919	4.323	4.776	3.043	5.537	5.696	4.011	2.168	1.838	1.718	2.956
010	HOUSEWIFE	6162	0.742	4.480	3.990	2.699	4.550	4.879	3.510	2.173	1.750	1.584	2.431
020	NO SPEC INCOME JOB	4	0.0	0.957	5.066	2.380	4.113	3.500	3.317	2.928	1.000	1.893	1.291
101	EXECUTIVE (NEC)	2	0.0	2.121	8.485	0.0	2.121	0.0	0.0	1.414	1.414	0.0	2.121
102	FOREMAN (NEC)	2	2.121	2.121	2.828	0.0	1.414	1.414	2.828	1.414	0.707	0.0	0.707
111	WORK FOR GOVT (NEC)	31	0.599	5.271	5.069	2.969	5.702	6.377	3.841	2.591	2.016	2.048	2.856
112	IN BUS FOR SELF (NEC)	33	0.902	3.603	4.231	2.751	4.898	5.140	3.756	2.372	2.076	1.519	2.489
120	IND, BUS, COMM (NEC)	25	1.638	5.297	4.404	3.093	5.442	4.062	4.072	2.501	2.367	1.525	2.218
121	RETAIL (NEC)	2	0.707	0.0	2.828	4.243	6.364	7.071	4.243	0.0	0.707	2.121	2.121
122	TRANSPORTATION (NEC)	6	0.408	3.656	2.168	3.125	4.844	1.975	3.830	1.378	1.366	2.422	3.386
123	REAL ESTATE (NEC)	5	0.447	1.304	2.588	0.707	2.864	5.320	3.912	1.225	1.140	1.304	1.871
124	INSURANCE (NEC)	7	0.0	5.469	4.791	2.059	6.568	3.409	3.805	2.498	1.618	1.915	2.968
125	ELECTRONICS (NEC)	2	0.0	0.707	2.828	0.707	4.950	2.121	0.707	0.707	0.707	2.121	1.414
140	"WORK WITH PEOPLE" (NEC)	2	0.0	0.707	5.657	0.707	4.950	0.707	2.121	1.414	1.414	1.414	0.707
141	"WORK W CHILDREN" (NEC)	7	0.787	5.438	2.340	1.718	3.861	4.237	2.545	1.069	1.345	0.690	2.370
211	MATH, STAT	20	0.716	3.856	3.410	2.808	3.034	4.859	3.088	1.638	1.268	1.618	3.675
221	SYSTEMS ANALYST	14	0.426	3.252	4.276	2.341	2.517	3.750	3.631	1.916	1.177	2.016	3.245
222	COMPUTER PROGRAMMER	53	0.482	2.853	3.978	2.658	3.739	5.287	3.863	1.919	1.620	1.886	2.850
229	COMPUTER SPEC (NEC)	4	0.500	0.500	3.775	4.041	9.142	7.767	6.185	2.160	1.633	2.630	3.317
230	PHYSICAL SCI (NEC)	3	0.577	2.000	1.732	2.082	3.055	2.646	2.646	1.155	2.000	2.646	1.528
231	CHEMIST	15	0.0	2.225	3.189	1.988	2.890	3.468	2.757	1.486	1.183	2.532	3.089
299	PHYS SCI, LAB TECH	20	0.441	4.180	4.754	2.606	5.448	5.507	3.708	2.262	1.640	1.766	3.328
310	BIOLOGIST, ZOOLOGIST	20	0.0	2.159	3.300	1.899	2.982	4.725	3.500	2.167	1.468	2.188	3.697
315	PHARMACOLOGIST	4	0.500	0.577	3.162	1.500	2.217	2.160	1.291	0.816	2.217	3.266	2.754
316	MICROBIOLOGIST	12	0.555	4.920	4.879	2.887	4.231	4.366	4.095	1.144	1.951	2.088	3.172
317	BIOCHEMIST	9	0.0	1.768	2.615	2.532	2.774	4.334	2.973	0.926	1.282	1.035	1.488
319	OTHER CHEM SCI	3	3.215	6.429	7.095	5.686	8.083	7.024	2.517	3.512	3.000	2.646	3.786
329	MD-OTHER	9	0.354	0.835	2.964	3.464	4.190	5.139	2.446	2.264	1.282	1.309	3.871
333	VETERINARIAN	2	0.0	1.414	2.121	2.828	2.121	2.121	1.414	0.0	2.121	2.828	3.536
335	PHARMACIST	14	0.0	1.385	2.199	1.269	2.269	3.204	3.505	1.692	1.646	1.989	3.025
337	RN	501	0.509	2.433	3.589	2.358	3.586	4.408	3.301	1.929	1.497	1.820	2.730
341	DENTAL HYGIENIST	33	0.397	2.213	3.100	2.303	3.860	4.233	3.341	1.792	1.378	1.998	2.459
343	PHYSICAL THERAPIST	16	0.0	0.957	3.291	1.949	3.245	3.255	2.391	1.915	1.204	1.746	2.335
344	OCCUPATIONAL THERAP	13	0.277	2.441	2.121	1.261	2.602	3.178	3.178	1.450	0.961	1.758	2.968
346	SPEC THERAP (MISC)	15	0.414	1.404	3.826	2.420	3.385	4.375	3.086	1.612	1.870	1.792	3.234
347	MED/DENT TECHNOLOGIST	23	0.576	2.694	3.763	2.518	3.676	4.621	3.353	1.960	1.726	1.969	3.000
348	MED/DENT TECHNICIAN	132	1.263	4.044	4.177	2.709	4.729	5.356	3.859	2.250	1.788	1.778	2.947
360	PSYCHOLOGIST	47	0.649	1.330	2.961	2.042	3.006	4.722	3.052	1.852	1.248	2.199	3.269
369	PSYCH RES ASST	3	0.0	0.577	3.512	2.517	1.528	4.359	3.055	1.000	2.082	1.528	1.528
370	SOCIAL WORKER	177	0.505	2.971	3.991	2.481	3.918	5.067	3.596	2.022	1.673	1.817	2.900
371	PSYCHIATRIC SOC WRKER	12	0.289	1.164	4.008	2.348	4.563	5.242	2.082	1.314	1.422	1.557	2.103
372	COUNSELING/GUIDANCE	12	0.793	3.315	4.887	2.221	3.861	4.619	3.191	1.567	1.809	1.775	2.730
373	VOC/ED GUIDANCE	60	0.733	2.458	4.096	2.362	4.041	5.199	3.521	2.284	1.679	1.617	3.176
382	ECONOMIST	2	0.0	0.707	5.657	0.0	3.536	2.121	1.414	0.707	0.0	2.828	2.121
383	SOCIOLOGIST	2	0.0	0.0	4.950	2.828	2.828	0.707	3.536	0.707	1.414	1.414	2.828
384	ANTHROPOLOGIST	4	0.0	4.000	2.217	1.893	0.957	7.455	5.447	1.291	1.414	2.872	2.380
389	SOCIAL SCI (MISC)	6	0.0	0.753	1.329	2.251	2.137	4.382	4.502	2.168	1.549	2.074	1.897
391	POLITICIAN	5	0.0	1.789	4.817	2.408	5.933	9.327	4.416	2.387	1.732	2.302	3.578
392	DIPLOMAT	3	0.0	1.000	3.464	2.082	1.528	7.550	2.646	1.732	0.577	1.528	2.517
393	LAWYER	11	0.302	2.693	2.639	0.775	3.042	3.162	3.934	1.814	1.000	2.166	2.580
394	MARKET ANALYST	3	0.0	1.155	2.646	1.000	3.606	1.528	2.646	1.155	1.528	0.577	1.000
398	CITY PLANNER (NEC)	3	0.0	1.528	2.082	0.577	3.464	2.082	3.000	1.000	1.155	2.887	4.163
400	TEACHER (NEC)	1326	0.557	2.946	3.768	2.464	3.880	4.802	3.668	1.999	1.544	1.796	2.733
410	TCHNG YNG CHILDREN	10	1.269	1.197	3.406	3.307	3.592	5.903	3.373	2.068	2.055	1.197	2.757
411	TCHNG PRESCH CHILDREN	30	0.305	2.203	3.927	1.771	3.101	5.245	2.713	1.807	1.691	1.230	2.809
412	TEACHER-ELEM	615	0.846	3.094	3.768	2.583	4.047	4.896	3.559	1.952	1.574	1.683	2.687
420	TEACHER-HS (NEC)	81	0.654	3.185	3.899	2.743	4.125	4.916	3.313	1.974	1.551	1.762	2.594
421	TEACHER-HS MATH	26	0.543	2.131	3.720	2.207	3.842	4.141	2.981	1.508	1.888	2.063	3.303
422	TEACHER-HS SCIENCE	30	1.476	3.333	4.806	2.713	4.624	5.021	4.207	2.189	1.905	2.222	3.022
423	TEACHER-HS SOC STUD	54	0.293	2.321	3.455	2.437	3.500	4.077	3.288	1.394	1.364	1.655	2.892
424	TEACHER-ENGLISH	132	0.559	2.749	3.870	2.259	3.437	4.568	3.387	2.116	1.564	1.743	2.524
425	TEACHER-FOREIGN LANG	46	0.499	2.011	3.531	2.236	2.926	4.910	3.723	2.231	1.479	1.810	2.850
426	TEACHER-COMM ED	57	0.849	4.707	3.472	2.659	4.452	4.404	3.900	1.939	1.891	1.716	2.909
427	TEACHER-HS HOME EC	69	0.357	2.147	3.757	2.265	3.847	4.290	3.582	1.992	1.479	1.448	2.991
428	TEACHER-TRADES	4	0.0	1.826	1.893	0.816	3.873	4.425	2.062	0.816	2.062	1.708	2.217
429	TEACHER-PHYS ED	50	0.222	3.805	3.972	2.408	3.545	4.973	3.966	2.103	1.755	1.906	3.081
431	TEACHER-ART	53	0.560	2.150	3.767	2.447	3.710	4.866	3.688	1.637	1.585	1.747	2.698
432	TEACHER-MUSIC	65	0.673	3.029	4.280	2.206	4.330	4.317	3.877	2.133	1.630	1.810	2.662
440	TEACHER-HANDICAPPED	70	0.329	2.707	3.405	2.406	4.324	4.206	3.540	2.026	1.256	1.782	2.274
441	SPEECH THERAPIST	39	0.339	1.301	3.187	2.127	3.563	4.447	2.830	1.722	1.432	1.521	2.523
450	SCHOOL ADM (EXC COLL)	5	0.0	5.215	4.658	2.236	5.167	5.683	4.336	2.608	1.483	2.168	3.421
460	COLL/UNIV TCHR (NEC)	107	0.516	2.488	3.761	2.145	3.315	4.911	3.357	1.981	1.647	1.797	2.933
461	COLL/UNIV TCHR-MATH	10	0.0	1.419	3.765	1.792	4.442	3.281	4.028	1.398	1.476	2.751	2.550
462	COLL/UNIV TCHR-SCIENCE	17	0.0	2.804	1.751	1.940	1.908	3.046	1.638	1.219	1.425	1.829	3.391
463	COLL/UNIV TCHR-SOC SCI	16	0.479	1.310	2.778	2.097	2.235	4.442	3.981	1.806	1.870	1.628	3.038
464	COLL/UNIV TCHR-ENGLISH	32	0.177	1.851	3.741	2.488	2.922	4.362	3.719	1.648	1.400	2.015	2.467
465	COLL/UNIV TCHR-FOR LANG	19	0.229	1.015	3.521	2.160	2.549	5.380	3.181	1.522	1.357	1.792	2.635
470	COLL/UNIV TCHR-ADM	4	0.0	1.291	4.359	2.160	2.828	6.397	4.123	2.062	0.0	1.893	3.500
499	AUX JOBS IN EDUC	3	2.000	5.196	4.933	4.933	7.937	6.110	6.351	0.577	1.732	2.082	4.163
511	LIBRARIAN	77	0.605	2.782	4.223	2.684	3.469	5.018	3.387	2.008	1.521	2.096	2.853
521	CLERGYMAN	7	0.0	1.574	4.499	1.902	4.429	5.916	4.397	0.951	1.604	1.254	1.902
522	MONK, BROTHER. NUN	29	0.689	2.213	4.124	2.661	4.289	5.374	4.554	2.660	1.375	1.771	3.256

TABLE 1.2 (continued)

#	GROUP	N	SCREENING	VOCABULARY I	LITERATURE	MUSIC	SOCIAL STUDIES	MATHEMATICS	PHYSICAL SCIENCES	BIOL SCIENCES	SCIENT ATTIT	AERO & SPACE	ELECTRICITY, ELECTRONICS
			MEANS										
			INFORMATION TEST I										
			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110	R-111
523	RELIG WORKER (OTHER)	35	11.929	11.314	14.486	7.800	15.857	10.371	8.486	6.029	6.629	2.943	6.286
531	WRITER (NEC)	28	11.857	12.643	18.107	9.321	17.893	13.036	9.214	6.929	7.536	3.429	6.929
532	FICTION WRITER	5	12.000	12.000	18.200	10.000	18.400	11.400	8.000	7.800	6.400	3.800	9.400
533	NONFIC WRTR (EXC JRNLIST)	5	11.800	13.400	21.000	10.200	20.200	19.400	13.000	9.000	9.200	4.600	2.000
534	JOURNALIST/REPORTER	23	11.913	12.435	18.304	9.000	19.565	13.217	10.435	7.217	7.783	3.826	7.000
536	PUBLISHER, ETC.	4	11.750	14.000	15.750	11.500	19.750	11.000	10.250	7.500	8.000	3.500	5.250
537	EDITOR	10	11.800	13.600	18.900	10.900	18.800	14.500	10.700	7.100	9.000	4.200	7.600
539	TRANSLAT, INTERPR, LINGST	13	11.615	12.385	17.462	9.615	18.846	13.539	10.077	7.769	7.462	3.462	6.000
541	FINE ARTS	42	11.881	12.952	16.405	9.095	17.810	12.049	10.524	7.381	7.452	3.905	7.548
545	COMM ARTIST	35	11.771	12.343	15.086	8.371	16.714	9.314	8.971	7.686	6.686	3.629	6.000
547	DESIGNER (CONS GDS)	3	11.333	12.667	21.333	11.333	21.000	20.667	13.000	10.667	7.667	7.000	9.000
551	MUSICIAN	7	12.000	13.429	19.714	12.000	20.286	17.143	12.143	7.714	7.000	3.000	5.571
552	SINGER	13	11.692	11.077	13.846	7.462	15.154	8.769	6.308	6.231	6.077	2.846	4.846
559	MUSIC-RELATED (MISC)	2	12.000	14.000	16.000	11.000	20.000	11.500	10.500	7.500	7.000	3.500	7.500
560	DANCER, CHOREOG	12	11.083	10.833	13.833	8.083	15.167	7.667	7.333	6.500	6.417	2.417	4.167
571	ACTOR	8	11.750	12.500	16.500	8.500	16.625	10.500	9.125	7.250	5.500	3.375	4.625
572	THEATRICAL DIRECTING	2	11.000	13.500	17.000	9.500	15.000	9.500	9.500	8.000	8.500	4.000	4.500
575	THEATRE (OTHER)	11	10.909	10.364	14.273	8.636	14.364	11.818	7.636	5.091	7.091	2.727	4.909
579	MISC PERF ARTS	3	12.000	13.000	15.333	9.333	20.333	7.333	6.333	5.667	7.667	2.000	4.667
581	MODEL	8	11.875	8.625	12.375	7.250	13.375	8.125	6.625	4.375	7.000	2.500	5.000
611	PRO ATHLETE	2	12.000	13.000	14.000	5.500	14.000	9.000	7.500	6.000	5.000	5.500	9.500
621	RECREATION DIR	8	11.875	10.375	15.250	8.750	15.375	10.625	8.250	6.000	7.125	3.125	6.250
631	FARM/RANCH OWNER	3	12.000	10.000	12.667	6.333	14.333	6.667	6.667	6.333	7.000	2.333	5.333
639	FARMING (OTHER)	4	12.000	10.000	15.250	7.750	18.250	9.000	8.500	6.500	5.750	3.250	5.750
661	POLICE (PUBLIC)	5	11.200	9.000	13.800	6.200	14.400	5.800	6.000	6.400	6.600	3.000	6.000
711A	BANKING & FINANCE, I	13	11.769	9.923	11.231	5.308	12.077	6.539	6.462	5.231	5.462	2.692	4.769
711B	BANKING & FINANCE, II	3	11.667	12.333	16.667	8.333	19.667	12.000	10.667	6.000	6.667	5.333	10.333
716	CPA	8	11.875	11.000	16.625	9.000	16.250	11.250	9.875	6.125	7.500	2.875	7.250
717	ACCTANT (EXC CPA)	87	11.839	11.609	14.241	7.207	16.023	9.989	9.092	6.115	6.747	2.437	5.759
721	PURCHASING AGENT	3	12.000	14.667	14.667	6.333	15.000	13.000	9.667	7.000	7.333	2.333	4.667
722	RETAIL BUYER	27	11.815	11.185	14.630	8.370	17.185	10.185	6.963	5.778	5.963	2.741	5.444
724	ADVERTISING	23	11.826	12.217	17.826	9.652	19.130	11.609	9.565	7.043	7.348	4.000	5.522
725	PUBLIC RELATIONS	17	12.000	12.353	16.412	8.588	17.412	10.765	9.176	6.412	7.176	2.588	5.412
726	PERSONNEL ADMIN	21	11.857	12.905	16.714	9.095	18.286	13.238	10.714	7.762	7.333	4.238	7.333
727	APPRAISING/ESTIMATING	16	12.000	12.375	14.875	7.375	16.750	10.125	9.188	7.313	7.000	3.563	6.438
728	LOAN/CREDIT INVESTIG	2	12.000	9.000	14.000	7.000	17.000	4.000	8.500	7.000	4.500	3.500	6.000
730	BUS, MGMT, ADM (NEC)	26	11.885	12.654	15.692	8.423	18.346	9.962	8.615	6.462	6.962	3.500	6.231
732	WHSL/RET TRADE MGMT/MKTG	17	12.000	11.941	16.176	8.824	18.647	10.882	9.059	6.941	7.235	3.529	6.412
738	SUPERVISOR IN BUS	6	11.000	8.667	14.333	7.167	13.333	6.167	7.167	5.500	5.833	2.667	6.000
741	SALESCLERK	36	11.222	7.778	10.472	4.833	12.111	5.250	5.583	5.167	5.778	2.472	4.778
743	STOCKBROKER	2	12.000	8.500	10.500	4.500	13.500	7.000	5.500	3.500	6.500	2.500	4.000
745	REAL EST SLSMAN	5	12.000	13.600	14.600	9.000	13.800	6.600	6.400	6.400	6.800	3.200	4.600
746	INSURANCE SLSMAN	6	11.833	10.833	11.000	8.000	14.833	7.167	7.333	6.000	6.667	3.167	4.667
748	OTHER SLSMAN (NEC)	15	11.467	10.467	13.133	6.467	14.133	7.867	6.667	5.333	6.133	2.467	5.133
751	BOOKKEEPER	100	11.790	10.240	12.630	6.660	14.740	7.730	6.530	5.150	6.220	2.690	5.340
752	TELLER OR BANK CLERK	32	11.656	9.781	11.031	5.625	13.500	6.750	5.750	5.438	5.969	2.531	4.938
753	CASHIER	6	12.000	12.833	9.667	5.333	10.333	7.667	4.000	5.000	4.833	1.333	5.333
755	MISC ACCT RECDG	46	11.891	9.674	12.457	6.522	14.326	6.696	6.674	5.565	5.609	2.804	5.152
756	KEYPUNCH OP	69	11.522	9.941	11.391	6.522	14.116	6.855	6.725	5.377	6.101	2.754	5.536
757	KEYPUNCH INSTRUC	3	12.000	9.000	10.333	6.000	11.333	7.667	5.333	3.000	5.000	1.000	3.000
758	COMPUTER OP	57	11.596	9.632	12.561	6.140	14.263	7.140	6.877	5.737	5.930	2.053	5.298
761	SECRETARY (NEC)	851	11.732	10.846	13.051	7.042	15.059	7.458	6.959	5.336	6.262	2.656	5.576
762	SECRETARY-BOOKKEEPER	26	11.885	11.500	13.115	6.654	14.885	8.885	6.538	6.000	5.885	2.654	5.654
763	MED/DENT SECRETARY	39	11.667	11.846	14.410	7.897	15.590	9.103	7.231	6.487	6.641	2.795	5.769
764	LEGAL SECRETARY	45	11.889	11.156	12.867	7.133	14.378	9.178	6.022	5.244	6.244	2.600	5.533
765	STENO, CRT REPRTR	48	11.875	10.646	13.271	6.917	14.479	7.729	7.313	5.771	6.125	2.958	5.583
766	TYPIST, CLRK TYPIST	68	11.426	8.529	12.118	6.426	13.324	6.632	6.015	5.147	5.662	2.353	5.029
769	CLERK (MISC)	99	11.515	9.949	11.939	6.495	13.040	6.091	6.040	5.232	5.879	2.222	5.364
771	OFFICE SUPERVISOR	18	11.833	10.500	14.333	7.056	15.722	9.000	7.000	5.278	5.611	2.722	5.222
772	OFFICE MANAGER	14	11.929	11.500	12.500	7.357	14.071	7.500	8.071	5.429	6.929	3.000	6.000
781	PHONE, PBX OP	21	11.524	8.619	11.381	6.619	12.000	6.286	5.857	5.429	5.333	2.381	4.714
789	OTHER "PUB CONT" OCCS	38	11.789	10.316	13.263	6.526	14.895	7.763	6.368	5.263	5.947	2.789	4.921
791	RADIO, TELEGR, TELETYPE OP	6	11.500	10.833	13.500	7.333	16.167	6.500	5.167	5.833	7.333	2.833	5.333
797	MISC CLERICAL	25	11.760	9.240	12.280	5.800	14.720	6.880	6.840	5.840	5.440	3.120	5.600
798	MISC ADMINISTRATIVE	14	11.857	13.500	17.143	8.214	17.857	13.214	7.929	6.429	7.500	3.286	5.500
810	ELECTRICIAN	2	11.000	9.500	12.500	5.000	12.500	6.500	5.000	5.000	4.500	1.000	5.500
811	ELECTRONIC TECH	2	12.000	9.500	11.000	5.000	12.500	2.500	7.500	4.500	4.500	4.000	4.500
853	AUTO, BUS, TRUCK DRIVER	2	10.500	7.000	10.000	5.500	11.000	8.500	9.000	6.000	.500	3.500	3.000
861	PRINTING TRADES	5	12.000	8.600	14.800	6.800	15.800	9.400	7.600	5.800	6.400	3.200	4.800
864	DRAFTSMAN	4	12.000	7.250	14.250	8.750	15.750	7.000	9.250	5.750	5.000	3.000	6.750
865	PHOTOGRAPHY	11	11.727	13.364	15.091	8.818	16.455	9.545	.182	6.636	7.182	3.273	6.182
866	INTERIOR DECORATOR	31	11.871	11.871	15.548	7.774	15.935	9.419	.032	6.935	6.677	2.645	6.032
868	CLTHNG & FASHN TRADES	41	11.463	9.122	12.146	5.805	13.073	8.439	.146	5.954	5.463	2.537	5.220
871	DIETITIAN	17	11.882	11.647	15.647	8.529	17.412	12.765	.000	6.824	7.294	3.647	6.235
872	HOME ECONOMIST	35	11.771	11.086	13.971	8.000	17.086	11.200	5.886	7.143	7.057	3.057	5.971
873	AIRLINE STEWARD, STEWARDESS	23	11.870	10.391	15.130	9.304	15.870	9.826	8.348	6.304	7.174	4.000	5.348
881	FOOD & BEVERAGE PREP	8	11.125	9.125	9.000	4.125	10.625	5.375	5.375	5.125	4.250	2.375	4.125
891	MISC PERSONAL SERV	23	11.478	7.609	10.609	5.739	11.391	4.348	5.696	5.087	5.217	2.304	4.130
893	HAIRDRESSER	201	11.592	9.537	11.343	5.935	12.527	5.930	5.950	4.975	5.821	2.279	5.055
894	PRACTICAL NURSE	168	11.506	10.310	12.131	6.310	13.804	6.982	7.042	6.036	5.929	2.625	5.250
895	NURSES' AIDE	17	11.000	8.647	9.706	4.882	10.765	5.353	5.765	5.647	5.235	2.471	3.235
899	GENERAL LABORER	62	11.387	6.935	9.613	4.613	11.403	5.339	5.016	4.758	5.355	2.242	4.677
	TOTAL	15423	11.736	11.042	13.915	7.430	15.560	9.319	7.795	6.149	6.511	2.885	5.735

TABLE 1.2 (continued)

#	GROUP	N	STANDARD DEVIATIONS INFORMATION TEST I SCREENING R-101	VOCABULARY I R-102	LITERATURE R-103	MUSIC R-104	SOCIAL STUDIES R-105	MATHEMATICS R-106	PHYSICAL SCIENCES R-107	BIOL SCIENCES R-108	SCIENT ATTIT R-109	AERO & SPACE R-110	ELECTRICITY, ELECTRONICS R-111
523	RELIG WORKER (OTHER)	35	0.382	4.471	3.442	2.553	4.088	5.380	2.974	2.176	1.536	1.454	2.280
531	WRITER (NEC)	29	0.356	3.456	3.425	2.342	3.823	5.139	4.202	2.243	1.401	1.665	2.998
532	FICTION WRITER	5	0.0	6.928	4.919	2.121	4.393	6.107	4.796	2.950	1.673	2.168	2.702
533	NONFIC WRTR (EXC JRNLIST)	5	0.447	1.140	1.581	0.447	1.304	2.881	1.414	2.000	0.447	1.817	1.414
534	JOURNALIST/REPORTER	23	0.288	2.608	2.584	2.174	2.826	4.843	3.678	2.522	1.413	2.037	2.939
536	PUBLISHER, ETC.	4	0.500	1.155	2.872	1.000	1.708	2.449	2.872	1.915	0.816	1.291	2.500
537	EDITOR	10	0.422	0.966	3.446	1.370	3.994	5.380	2.909	2.234	1.414	1.398	3.169
539	TRANSLAT, INTERPR, LINGST	13	0.870	2.663	3.230	1.850	3.236	4.136	2.691	1.641	1.391	1.808	1.958
541	FINE ARTS	42	0.395	3.028	4.591	2.418	4.329	5.856	3.737	2.152	1.485	1.778	2.787
545	COMM ARTIST	35	0.731	2.363	4.010	2.438	3.503	5.051	3.249	1.915	1.510	1.784	2.555
547	DESIGNER (CONS GDS)	3	1.155	1.155	2.082	1.155	2.646	1.528	2.000	0.577	0.577	1.000	2.646
551	MUSICIAN	7	0.0	1.272	3.352	1.291	3.773	6.040	3.532	0.756	1.291	2.000	2.507
552	SINGER	13	0.630	4.519	4.598	2.727	5.505	5.946	3.568	2.049	2.532	1.519	1.864
559	MUSIC-RELATED (MISC)	2	0.0	1.414	0.0	1.414	0.0	3.536	0.707	2.121	1.414	0.707	3.536
560	DANCER, CHOREOG	12	1.505	5.078	3.786	2.875	4.840	5.929	4.108	1.931	1.929	1.379	2.209
571	ACTOR	8	0.463	3.586	5.182	2.390	3.889	5.071	3.643	2.550	1.414	2.066	1.506
572	THEATRICAL DIRECTING	2	1.414	2.121	1.414	2.121	0.0	2.121	0.707	2.828	0.707	2.828	2.121
575	THEATRE (OTHER)	11	1.973	4.589	5.658	4.178	5.555	6.493	4.433	2.023	1.868	1.421	3.419
579	MISC PERF ARTS	3	0.0	1.732	1.155	2.082	3.786	6.506	4.041	2.309	0.577	2.000	1.528
581	MODEL	8	0.354	5.854	3.420	2.375	2.615	4.086	4.069	2.326	1.773	1.512	1.604
611	PRO ATHLETE	2	0.0	1.414	2.828	6.364	2.828	9.899	4.950	1.414	1.414	0.707	2.121
621	RECREATION DIR	8	0.354	5.344	2.550	3.059	5.317	6.046	5.523	3.162	2.167	2.357	5.036
631	FARM/RANCH OWNER	3	0.0	4.359	6.028	3.512	6.429	4.933	2.082	2.517	2.000	1.528	2.082
639	FARMING (OTHER)	4	0.0	5.033	2.754	0.957	4.500	4.690	5.196	3.000	2.062	1.500	2.500
661	POLICE (PUBLIC)	5	1.789	6.892	3.271	1.304	3.507	3.033	2.121	2.191	1.673	1.225	2.345
711A	BANKING & FINANCE, I	12	0.832	5.024	2.587	2.658	4.071	3.282	2.332	1.739	1.613	1.653	2.048
711B	BANKING & FINANCE, II	3	0.577	2.309	3.512	0.577	5.859	7.211	3.215	1.732	2.082	2.082	3.215
716	CPA	9	0.354	4.243	3.335	2.268	4.132	4.803	3.834	2.295	1.069	1.808	2.712
717	ACCTANT (EXC CPA)	37	0.400	3.877	3.840	2.783	4.362	5.487	3.908	2.295	1.608	1.661	2.659
721	PURCHASING AGENT	3	0.0	0.577	4.509	2.517	5.568	9.660	4.163	1.732	0.577	1.528	3.215
722	RETAIL BUYER	27	0.396	4.333	4.650	2.372	4.532	5.435	3.557	2.547	2.066	1.607	2.407
724	ADVERTISING	23	0.388	2.522	3.242	1.898	3.415	5.255	3.382	2.099	1.434	1.595	2.695
725	PUBLIC RELATIONS	17	0.0	3.081	3.589	2.526	3.938	3.270	2.555	2.033	1.425	1.121	2.033
726	PERSONNEL ADMIN	21	0.359	1.091	4.113	2.488	3.052	4.795	3.349	1.814	1.494	2.189	2.633
727	APPRAISING/ESTIMATING	16	0.0	4.225	3.862	2.680	4.313	5.084	4.102	2.024	1.461	2.128	2.658
728	LOAN/CREDIT INVESTIG	2	0.0	8.485	1.414	2.828	2.828	0.0	2.121	1.414	3.536	2.121	1.414
730	BUS, MGMT, ADM (NEC)	26	0.326	2.171	4.018	2.715	3.566	5.575	4.050	2.353	1.483	1.679	2.688
732	WHSL/RET TRADE MGMT/MKTG	17	0.0	3.631	3.127	2.555	3.445	4.885	4.351	2.135	1.480	1.736	2.740
738	SUPERVISOR IN BUS	6	1.549	5.680	5.501	2.927	4.926	5.154	2.483	2.665	1.329	1.366	2.894
741	SALESCLERK	36	1.174	4.911	3.019	2.432	4.458	3.612	3.272	1.813	1.899	1.134	2.294
743	STOCKBROKER	2	0.0	9.192	0.707	0.707	3.536	0.0	0.707	2.121	2.121	0.707	1.414
745	REAL EST SLSMAN	5	0.0	1.517	1.517	1.414	3.701	5.177	3.050	0.548	1.304	1.789	2.966
746	INSURANCE SLSMAN	6	0.408	2.994	1.673	2.098	2.317	3.189	1.506	1.265	1.211	1.941	2.503
748	OTHER SLSMAN (NEC)	15	1.060	5.097	3.777	2.100	4.596	3.998	2.637	1.624	2.560	1.457	1.959
751	BOOKKEEPER	100	0.498	4.847	3.686	2.602	3.991	4.219	3.233	2.012	1.717	1.561	2.255
752	TELLER OR BANK CLERK	32	0.902	5.173	3.137	2.733	4.558	4.407	2.885	2.271	1.787	1.883	2.850
753	CASHIER	6	0.0	1.472	3.933	2.658	4.761	4.719	2.098	2.098	0.753	1.033	2.944
755	MISC ACCT RECDG	46	0.315	5.082	3.449	2.648	4.248	3.595	3.334	1.601	1.795	1.772	2.290
756	KEYPUNCH OP	69	1.066	4.752	3.775	2.660	4.529	4.532	3.472	2.346	2.094	1.603	2.398
757	KEYPUNCH INSTRUC	3	0.0	3.464	4.509	3.606	2.517	5.033	1.155	1.732	1.000	1.000	2.646
758	COMPUTER OP	57	1.050	4.768	4.080	2.799	5.005	4.081	3.571	2.005	2.164	1.575	2.220
761	SECRETARY (NEC)	851	0.783	4.298	3.805	2.572	4.344	4.269	3.196	2.008	1.777	1.609	2.538
762	SECRETARY-BOOKKEEPER	26	0.326	4.159	3.963	2.591	5.195	3.973	2.370	2.117	1.583	1.441	2.244
763	MED/DENT SECRETARY	37	0.838	3.150	3.058	2.292	4.363	4.370	3.216	2.199	1.564	1.609	1.870
764	LEGAL SECRETARY	45	0.383	4.005	3.859	2.408	4.217	5.193	3.326	2.013	1.612	1.405	2.380
765	STENO, CRT REPRTR	43	0.334	4.393	4.109	2.751	4.631	4.924	3.674	1.981	1.734	1.701	2.680
766	TYPIST, CLRK TYPIST	60	1.213	5.565	3.406	2.517	5.584	4.263	3.375	2.068	2.019	1.619	2.682
769	CLERK (MISC)	99	0.896	5.062	3.763	2.685	4.502	4.505	3.207	2.030	1.831	1.411	2.405
771	OFFICE SUPERVISOR	18	0.383	4.105	3.552	1.662	3.723	4.229	3.531	2.270	1.975	1.447	2.415
772	OFFICE MANAGER	16	0.267	3.937	3.737	2.499	5.540	4.973	3.852	1.785	1.492	1.961	2.512
781	PHONE, PBX OP	21	0.981	4.801	3.186	2.376	4.171	2.813	1.905	2.087	1.683	1.203	1.953
789	OTHER "PUB CONT" OCCS	38	0.474	4.299	4.011	3.082	4.958	4.704	3.316	1.941	1.785	1.848	1.880
791	RADIO, TELEGR, TELETYPE OP	6	0.548	5.037	3.209	0.816	4.875	3.564	2.714	0.753	1.966	1.722	1.633
797	MISC CLERICAL	25	0.597	4.969	4.057	2.915	4.774	3.767	2.911	1.965	2.329	1.740	2.799
798	MISC ADMINISTRATIVE	14	0.363	1.092	4.786	2.155	4.538	5.147	2.921	2.027	1.286	1.978	1.506
810	ELECTRICIAN	2	1.414	7.778	3.536	4.243	10.607	3.536	4.243	2.828	0.707	0.0	0.707
811	ELECTRONIC TECH	2	0.0	7.778	1.414	2.828	0.707	2.121	2.121	0.707	2.121	2.828	0.707
853	AUTO, BUS, TRUCK DRIVER	2	0.707	5.657	4.243	0.707	5.657	2.121	4.243	2.828	2.121	3.536	0.0
861	PRINTING TRADES	5	0.0	6.229	3.271	2.775	4.382	6.387	3.435	2.588	2.074	1.304	2.049
864	DRAFTSMAN	4	0.0	6.185	3.304	3.594	6.801	6.000	4.787	2.630	1.633	2.160	1.893
865	PHOTOGRAPHY	11	0.467	0.674	4.323	1.834	3.778	5.973	2.639	2.248	1.401	2.149	2.926
866	INTERIOR DECORATOR	31	0.428	3.074	2.850	2.565	4.203	4.081	3.497	1.482	2.023	1.518	2.639
868	CLTHNG & FASHN TRADES	41	1.120	5.197	5.048	3.480	5.905	5.971	3.589	2.297	1.832	1.704	2.651
871	DIETITIAN	17	0.332	3.952	4.167	2.552	3.970	4.816	2.979	2.007	1.490	1.965	2.251
872	HOME ECONOMIST	35	0.490	3.906	3.722	2.951	4.328	5.524	4.357	2.074	1.662	1.714	3.024
873	AIRLINE STEWARD, STEWARDESS	23	0.344	4.490	4.475	2.754	5.102	5.449	3.171	2.183	1.696	1.651	2.822
881	FOOD & BEVERAGE PREP	9	1.356	5.939	2.268	1.959	4.534	2.875	2.326	1.553	1.035	1.302	1.642
891	MISC PERSONAL SERV	23	1.201	5.097	4.698	2.490	5.341	2.569	2.930	2.521	2.066	1.363	1.984
893	HAIRDRESSER	201	0.839	5.272	3.551	2.480	4.218	3.733	3.165	2.122	1.717	1.425	2.194
894	PRACTICAL NURSE	149	1.050	4.485	3.868	2.742	4.573	4.130	3.182	2.205	1.859	1.566	2.519
895	NURSES' AIDE	17	1.414	5.700	4.909	2.176	5.069	3.904	3.364	2.668	2.166	1.463	1.821
899	GENERAL LABORER	62	1.323	5.331	3.765	2.601	5.345	3.099	2.689	2.223	1.874	1.565	2.148
	TOTAL	15423	0.763	4.254	4.333	2.833	4.785	5.452	3.802	2.214	1.798	1.711	2.640

TABLE 1.2 (continued)

#	GROUP	N	MEANS										
			INFORMATION TEST I (CONTD.)					INFORMATION TEST II					
			MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE	JOURNALISM	FOREIGN TRAVEL
			R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135	R-136	R-137
000	NO ANSWER	1522	7.923	7.106	12.521	5.549	6.344	4.320	6.206	2.635	2.548	1.722	2.313
001	DON'T KNOW	166	8.084	7.867	13.030	6.169	7.139	4.855	6.657	2.693	2.886	2.006	2.747
010	HOUSEWIFE	6168	8.232	7.559	13.216	5.868	6.771	4.441	6.465	2.833	2.679	1.869	2.407
020	NO SPEC INCOME JOB	4	8.500	7.500	15.750	6.750	7.750	4.000	5.750	3.500	3.500	1.500	3.000
101	EXECUTIVE (NEC)	2	9.500	9.000	14.000	8.000	7.500	6.500	7.500	4.000	4.000	2.000	4.000
102	FOREMAN (NEC)	2	4.000	6.500	8.500	5.000	2.500	4.000	1.500	1.500	1.000	0.500	1.000
111	WORK FOR GOVT (NEC)	31	7.419	7.710	12.742	6.774	6.806	4.903	6.677	2.903	2.968	1.935	3.032
112	IN BUS FOR SELF (NEC)	33	9.485	7.727	13.424	5.970	7.121	4.667	5.909	3.152	2.788	1.848	2.424
120	IND, BUS, COMM (NEC)	26	9.038	7.615	11.885	6.385	6.154	4.654	6.115	2.269	2.538	1.808	2.423
121	RETAIL (NEC)	2	13.000	8.500	14.500	5.000	7.000	6.500	8.500	3.000	2.000	2.000	3.500
122	TRANSPORTATION (NEC)	6	7.500	7.167	13.333	5.333	6.333	4.333	6.333	2.500	3.000	1.500	2.667
123	REAL ESTATE (NEC)	5	8.200	6.200	13.800	5.800	8.200	4.800	7.200	2.600	2.200	1.600	3.200
124	INSURANCE (NEC)	7	8.000	7.429	12.857	5.714	7.286	4.714	7.286	3.143	2.286	1.714	2.429
125	ELECTRONICS (NEC)	2	8.500	9.000	14.000	4.500	4.000	3.500	5.000	2.500	2.500	1.000	2.000
140	"WORK WITH PEOPLE" (NEC)	2	9.500	8.000	13.000	5.500	7.500	5.500	5.500	3.500	2.500	2.500	2.000
141	"WORK W CHILDREN" (NEC)	7	5.143	6.000	11.286	5.429	5.143	3.857	5.714	2.429	3.143	1.714	1.429
211	MATH, STAT	20	12.200	8.500	14.500	7.750	8.600	5.700	7.300	3.100	3.500	2.100	2.850
221	SYSTEMS ANALYST	14	9.071	8.643	15.071	8.000	8.571	5.286	7.143	3.500	3.286	2.500	3.286
222	COMPUTER PROGRAMMER	53	9.245	8.170	14.094	6.774	8.226	5.585	7.170	3.075	3.509	2.377	3.019
229	COMPUTER SPEC (NEC)	4	12.250	8.750	15.500	9.750	9.000	5.750	8.000	3.500	2.750	2.750	3.750
230	PHYSICAL SCI (NEC)	3	10.000	9.000	15.333	4.667	10.000	5.333	7.333	2.000	3.667	2.333	4.000
231	CHEMIST	15	9.933	9.467	15.333	7.400	8.067	5.200	7.933	3.400	3.667	2.600	3.600
299	PHYS SCI, LAB TECH	29	9.345	7.276	12.966	6.310	7.483	4.897	6.690	2.828	3.000	1.828	2.759
310	BIOLOGIST, ZOOLOGIST	20	10.100	9.100	13.550	7.450	8.800	6.100	7.600	3.300	3.850	2.300	3.450
315	PHARMACOLOGIST	4	11.000	9.500	13.000	8.250	9.000	4.750	8.500	3.000	3.750	2.750	3.750
316	MICROBIOLOGIST	13	10.538	9.077	13.462	7.154	8.231	5.385	7.615	3.462	3.923	2.462	3.615
317	BIOCHEMIST	8	8.875	8.625	14.500	7.750	9.750	5.250	7.875	4.250	4.125	2.750	3.875
319	OTHER CHEM SCI	3	7.667	7.333	12.333	5.667	7.000	4.000	6.667	3.000	3.333	2.000	2.333
329	MD-OTHER	8	9.750	8.875	13.375	7.625	9.125	6.250	8.125	3.500	4.375	2.625	3.250
333	VETERINARIAN	2	5.500	9.000	15.500	6.000	8.500	4.500	7.500	2.500	3.000	2.000	4.000
335	PHARMACIST	14	10.000	8.929	15.357	7.429	8.143	5.286	7.357	3.429	3.000	2.286	2.714
337	RN	591	9.225	8.536	14.438	6.942	7.519	5.108	7.313	3.135	3.156	2.176	3.027
341	DENTAL HYGIENIST	32	8.531	8.219	13.938	6.969	7.750	4.969	7.156	2.969	3.000	2.219	3.219
343	PHYSICAL THERAPIST	16	9.313	9.000	13.313	7.625	8.500	4.875	7.438	3.125	3.063	2.000	3.188
344	OCCUPATIONAL THERAP	13	10.538	9.462	15.846	7.923	7.923	5.462	7.769	3.692	3.462	2.538	3.308
346	SPEC THERAP (MISC)	15	9.733	9.267	14.667	7.267	8.933	5.200	7.267	3.333	3.467	2.400	3.200
347	MED/DENT TECHNOLOGIST	93	9.774	8.473	13.978	7.237	7.570	5.398	7.538	3.516	3.108	2.344	2.989
348	MED/DENT TECHNICIAN	138	9.471	7.500	13.203	6.290	7.036	4.420	6.688	2.732	2.819	1.920	2.587
360	PSYCHOLOGIST	47	9.277	8.319	14.404	7.000	8.723	5.809	7.681	3.447	3.255	2.426	3.638
369	PSYCH RES ASST	3	8.000	9.000	14.000	7.333	9.000	5.333	7.000	3.000	3.000	2.667	4.000
370	SOCIAL WORKER	177	9.469	9.158	13.689	7.288	7.977	5.254	7.130	2.972	3.266	2.288	3.056
371	PSYCHIATRIC SOC WRKER	12	8.667	9.000	14.917	6.000	7.500	5.000	7.500	3.000	2.417	2.083	3.083
372	COUNSELING/GUIDANCE	12	8.083	7.917	12.750	5.833	6.917	4.583	7.000	2.750	3.250	1.917	2.583
373	VOC/ED GUIDANCE	40	8.975	8.625	13.075	7.725	8.350	5.350	7.150	3.150	3.025	2.550	3.125
382	ECONOMIST	2	10.500	10.000	15.500	7.500	7.500	6.000	7.500	3.500	2.000	3.000	4.000
383	SOCIOLOGIST	2	6.000	7.500	12.500	4.000	7.000	4.500	5.000	2.000	3.500	2.000	1.000
384	ANTHROPOLOGIST	4	12.000	8.750	15.500	6.250	9.500	6.500	7.250	4.250	4.000	3.000	3.250
389	SOCIAL SCI (MISC)	6	8.833	9.167	14.167	7.833	8.333	5.333	5.333	3.167	3.667	2.500	3.333
391	POLITICIAN	5	7.200	6.200	13.400	4.400	9.600	5.400	7.400	2.600	2.200	3.000	4.000
392	DIPLOMAT	3	8.000	8.667	15.333	8.333	7.333	6.333	7.667	4.000	3.333	2.667	4.667
393	LAWYER	11	10.364	9.000	15.364	8.364	10.091	6.182	7.636	3.818	4.091	2.636	3.818
394	MARKET ANALYST	3	11.333	9.667	15.667	7.000	10.000	5.667	7.667	3.667	4.333	2.333	3.333
398	CITY PLANNER (NEC)	3	11.000	10.333	17.000	10.000	9.667	7.333	8.000	3.333	5.000	3.000	4.667
400	TEACHER (NEC)	1325	9.753	8.205	13.710	6.967	7.929	5.164	7.154	3.075	3.189	2.260	3.037
410	TCHNG YNG CHILDREN	10	9.000	9.600	14.500	5.700	9.000	4.900	6.600	3.500	3.200	1.600	2.300
411	TCHNG PRESCH CHILDREN	30	8.567	8.667	13.967	6.800	8.233	5.000	7.100	2.967	3.067	2.333	3.033
412	TEACHER-ELEM	616	8.651	8.130	13.593	6.779	7.753	5.094	6.971	3.045	3.047	2.187	2.946
420	TEACHER-HS (NEC)	81	9.840	8.457	13.691	7.370	9.210	5.605	7.272	3.235	3.198	2.272	3.272
421	TEACHER-HS MATH	36	9.083	8.639	13.917	7.639	9.250	5.333	7.139	3.083	2.889	2.333	2.833
422	TEACHER-HS SCIENCE	30	10.467	9.967	15.167	7.667	8.533	5.833	7.667	3.333	3.600	2.300	3.267
423	TEACHER-HS SOC STUD	54	8.667	8.426	13.019	7.056	9.000	5.574	7.185	3.056	3.315	2.407	3.667
424	TEACHER-ENGLISH	132	9.144	8.811	13.909	7.333	9.447	5.553	7.227	3.318	3.402	2.394	3.530
425	TEACHER-FOREIGN LANG	46	8.174	8.674	13.935	7.478	8.348	5.630	7.217	3.261	3.783	2.239	3.565
426	TEACHER-COMM ED	57	8.123	7.754	13.088	5.860	6.719	4.614	6.439	2.877	2.772	2.053	2.649
427	TEACHER-HS HOME EC	68	8.838	8.765	15.529	6.676	7.559	4.794	6.735	3.015	3.118	2.191	2.853
428	TEACHER-TRADES	4	7.750	8.500	15.250	7.000	9.000	4.750	9.000	4.000	3.750	2.750	3.500
429	TEACHER-PHYS ED	59	8.898	8.237	13.068	8.136	7.288	5.017	6.576	3.169	2.983	1.983	2.763
431	TEACHER-ART	50	8.740	8.960	14.020	7.300	9.480	5.100	7.240	3.200	3.560	2.320	3.360
432	TEACHER-MUSIC	65	8.754	7.862	13.046	6.277	7.569	4.938	6.877	3.015	3.015	2.031	2.769
440	TEACHER-HANDICAPPED	70	8.314	8.200	13.471	6.800	7.986	5.229	7.029	2.986	3.186	2.286	2.871
441	SPEECH THERAPIST	39	9.179	7.949	14.051	6.949	8.487	5.462	7.231	3.179	3.256	2.410	3.077
450	SCHOOL ADM (EXC COLL)	5	8.400	7.000	12.400	5.800	9.200	6.000	7.000	2.800	2.800	1.800	3.200
460	COLL/UNIV TCHR (NEC)	107	9.598	8.850	14.673	7.421	9.112	5.916	7.336	3.271	3.598	2.430	3.383
461	COLL/UNIV TCHR-MATH	10	9.900	8.200	14.300	7.100	7.200	5.200	7.900	2.800	3.200	2.500	4.000
462	COLL/UNIV TCHR-SCIENCE	17	11.941	9.059	16.118	8.882	[illegible]	6.118	7.471	3.471	3.882	2.647	4.000
463	COLL/UNIV TCHR-SOC SCI	16	9.250	9.188	13.500	8.000	9.313	5.938	8.063	2.750	3.250	2.563	3.938
464	COLL/UNIV TCHR-ENGLISH	32	10.563	9.219	14.563	7.719	9.313	5.969	7.656	3.781	3.594	2.594	3.563
465	COLL/UNIV TCHR-FOR LANG	19	9.211	8.421	14.000	7.789	9.316	5.737	7.474	3.474	4.053	2.526	3.474
470	COLL/UNIV TCHR-ADM	4	10.000	9.750	15.750	7.250	10.000	6.250	6.500	3.500	5.000	2.250	4.250
499	AUX JOBS IN EDUC	3	6.333	4.333	8.000	4.333	4.667	4.000	3.333	2.000	2.000	1.333	1.000
511	LIBRARIAN	77	9.571	8.870	13.766	7.740	8.364	5.597	7.377	3.234	3.143	2.455	3.338
521	CLERGYMAN	7	7.714	8.714	14.286	7.000	7.857	5.429	6.857	2.286	3.571	2.286	3.143
522	MONK, BROTHER, NUN	29	8.172	8.448	13.379	7.483	8.310	5.241	6.931	3.172	3.241	2.345	2.966

TABLE 1.2 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST I (CONTD.)					INFORMATION TEST II					
			MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE	JOURNALISM	FOREIGN TRAVEL
			R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135	R-136	R-137
000	NO ANSWER	1522	3.029	2.591	3.320	2.518	2.600	1.651	1.903	1.315	1.295	0.968	1.361
001	DON'T KNOW	156	3.062	2.159	3.424	2.607	2.491	1.961	1.480	1.234	1.454	0.950	1.365
010	HOUSEWIFE	6159	2.861	2.311	3.085	2.349	2.288	1.577	1.694	1.232	1.230	0.913	1.253
020	NO SPEC INCOME JOB	4	3.317	2.887	2.630	0.957	0.957	1.414	1.708	1.000	1.915	0.577	1.633
101	EXECUTIVE (NEC)	2	2.121	0.0	2.828	1.414	3.536	0.707	0.707	0.0	0.0	0.0	0.0
102	FOREMAN (NEC)	2	0.0	4.950	4.950	0.0	2.121	2.828	0.707	0.707	0.0	0.707	0.0
111	WORK FOR GOVT (NEC)	31	3.324	2.610	3.225	2.906	2.676	1.921	1.887	1.248	1.449	1.063	1.449
112	IN BUS FOR SELF (NEC)	33	2.927	2.268	3.011	2.008	2.459	1.472	1.843	1.176	1.193	0.834	1.251
120	IND, BUS, COMM (NEC)	26	2.441	2.609	3.659	2.714	2.810	1.623	1.966	1.458	1.272	0.981	1.629
121	RETAIL (NEC)	2	1.414	0.707	2.121	4.243	0.0	3.536	0.707	1.414	1.414	1.414	2.121
122	TRANSPORTATION (NEC)	6	3.332	2.787	2.658	2.805	2.066	1.506	1.966	0.837	0.894	0.837	0.516
123	REAL ESTATE (NEC)	5	2.775	4.604	2.588	1.643	1.095	0.837	0.837	1.342	1.304	1.140	1.304
124	INSURANCE (NEC)	7	2.828	2.225	2.795	2.059	3.302	1.799	1.380	0.690	0.951	0.951	1.618
125	ELECTRONICS (NEC)	2	0.707	1.414	1.414	0.707	1.414	.707	1.414	0.707	0.707	0.0	0.0
140	"WORK WITH PEOPLE" (NEC)	2	0.707	2.828	1.414	0.707	2.121	0.707	0.707	0.707	0.707	0.707	1.414
141	"WORK W CHILDREN" (NEC)	7	1.215	1.528	3.592	2.573	1.773	1.345	1.380	1.272	1.215	0.951	0.976
211	MATH, STAT	20	2.913	1.762	2.965	1.943	1.957	1.559	1.342	1.119	1.318	1.071	1.348
221	SYSTEMS ANALYST	14	3.269	1.598	2.702	1.754	1.950	1.437	1.292	1.092	0.825	0.519	1.069
222	COMPUTER PROGRAMMER	53	3.094	1.868	2.761	2.658	2.216	1.365	1.516	1.299	1.325	0.790	1.407
229	COMPUTER SPEC (NEC)	4	3.304	3.202	3.697	1.708	3.367	2.217	0.816	1.291	2.217	0.500	0.500
230	PHYSICAL SCI (NEC)	3	3.464	2.000	2.082	1.528	1.000	3.055	0.577	1.732	1.528	1.155	1.000
231	CHEMIST	15	2.404	1.727	2.410	2.874	2.314	1.699	1.033	0.986	1.447	0.507	1.121
299	PHYS SCI, LAB TECH	20	3.558	2.698	3.887	2.792	2.899	1.655	1.312	1.560	1.535	0.889	1.455
310	BIOLOGIST, ZOOLOGIST	20	2.900	1.804	3.561	2.235	1.609	1.373	1.231	1.081	1.424	0.801	1.317
315	PHARMACOLOGIST	4	2.828	1.291	4.243	1.893	1.826	1.259	0.577	1.155	0.500	0.500	0.500
316	MICROBIOLOGIST	12	2.504	2.019	3.573	2.375	2.803	1.991	1.805	1.266	1.498	0.967	1.261
317	BIOCHEMIST	9	3.720	1.847	4.000	2.121	0.886	1.399	1.126	1.035	1.642	0.463	1.126
319	OTHER CHEM SCI	3	4.163	2.517	5.859	2.309	3.606	1.732	0.577	1.000	2.082	1.000	2.517
329	MD-OTHER	8	3.576	1.458	2.560	2.825	1.642	1.982	1.126	0.926	1.302	0.518	1.165
333	VETERINARIAN	2	2.121	1.414	0.707	4.243	3.536	3.536	0.707	2.121	2.828	0.0	0.0
335	PHARMACIST	14	2.542	1.639	3.608	2.138	1.657	1.729	1.447	0.938	1.109	0.726	1.267
337	RN	521	2.847	1.940	2.903	2.244	1.977	1.475	1.260	1.155	1.294	0.815	1.200
341	DENTAL HYGIENIST	32	2.828	2.338	2.699	2.265	2.048	1.204	1.139	1.425	1.270	0.706	1.289
343	PHYSICAL THERAPIST	16	2.983	1.897	3.146	1.746	1.862	1.310	1.209	1.258	1.340	0.816	0.750
344	OCCUPATIONAL THERAP	13	3.230	1.450	3.484	2.253	1.706	0.967	1.166	0.947	0.967	0.519	1.109
346	SPEC THERAP (MISC)	15	2.017	1.534	3.177	1.870	1.486	1.612	1.335	0.816	1.246	0.507	1.265
347	MED/DENT TECHNOLOGIST	93	2.592	2.025	2.941	2.402	2.034	1.575	1.230	1.100	1.220	0.730	1.184
348	MED/DENT TECHNICIAN	133	3.088	2.509	3.479	2.387	2.384	1.570	1.459	1.287	1.291	0.880	1.277
360	PSYCHOLOGIST	47	2.508	1.783	3.055	2.106	1.930	1.569	1.218	0.928	0.988	.617	1.206
369	PSYCH RES ASST	3	3.000	1.000	2.646	2.082	1.000	0.577	1.000	1.000	1.000	.577	0.0
370	SOCIAL WORKER	177	2.929	2.011	3.106	2.592	2.291	1.712	1.508	1.254	1.387	0.840	1.322
371	PSYCHIATRIC SOC WRKER	12	2.060	1.809	2.021	2.000	1.567	1.206	0.674	1.044	1.084	0.793	1.240
372	COUNSELING/GUIDANCE	12	3.605	1.929	3.415	2.443	2.644	1.443	1.809	1.215	0.965	0.996	1.379
373	VOC/ED GUIDANCE	40	2.722	1.931	3.533	2.309	2.020	1.688	1.718	1.210	1.310	0.714	0.992
382	ECONOMIST	2	2.121	1.414	2.121	0.707	2.121	1.414	2.121	0.707	0.0	0.0	1.414
383	SOCIOLOGIST	2	2.828	4.950	0.707	1.414	7.071	3.536	4.243	2.828	2.121	1.414	1.414
384	ANTHROPOLOGIST	4	3.367	0.500	2.082	.500	2.082	1.000	0.957	0.500	1.414	0.0	0.500
389	SOCIAL SCI (MISC)	6	2.787	1.329	2.401	2.137	3.141	2.422	3.077	1.835	1.366	0.837	1.506
391	POLITICIAN	5	4.658	3.421	3.362	2.302	2.074	1.517	1.342	1.342	0.837	0.0	1.000
392	DIPLOMAT	3	5.000	2.082	2.887	0.577	0.577	1.155	1.528	0.0	1.528	0.577	0.577
393	LAWYER	11	1.502	1.414	1.690	3.233	1.044	1.537	1.362	0.982	1.375	0.674	1.328
394	MARKET ANALYST	3	1.528	1.528	3.215	1.000	1.000	0.577	1.155	1.155	2.082	0.577	1.155
398	CITY PLANNER (NEC)	3	2.000	1.529	1.000	1.732	1.528	1.155	1.000	0.577	1.000	0.0	0.577
400	TEACHER (NEC)	1226	2.941	2.208	3.050	2.391	2.149	1.635	1.419	1.223	1.288	0.816	1.237
410	TCHNG YNG CHILDREN	10	1.792	1.265	2.877	2.214	1.491	1.595	1.174	1.080	1.135	0.966	1.398
411	TCHNG PRESCH CHILDREN	30	2.763	1.788	2.735	1.846	1.813	1.531	1.447	1.129	0.907	0.758	1.098
412	TEACHER-ELEM	616	2.767	2.191	3.015	2.429	2.108	1.602	1.442	1.193	1.263	0.810	1.270
420	TEACHER-HS (NEC)	81	2.852	2.372	3.200	2.369	2.090	1.641	1.388	1.399	1.269	0.881	1.225
421	TEACHER-HS MATH	34	3.175	2.153	3.324	2.282	1.933	1.309	1.552	1.105	1.369	0.793	1.424
422	TEACHER-HS SCIENCE	20	3.381	2.341	3.475	2.537	2.080	1.392	1.155	1.322	1.429	0.915	1.552
423	TEACHER-HS SOC STUD	54	2.000	2.133	2.624	2.334	2.047	1.711	1.333	1.156	1.357	0.687	1.028
424	TEACHER-ENGLISH	132	3.007	1.977	2.840	2.314	2.148	1.560	1.449	1.213	1.216	0.759	1.207
425	TEACHER-FOREIGN LANG	44	2.743	2.109	3.036	2.528	2.002	1.569	1.459	1.124	1.073	0.794	1.109
426	TEACHER-COMM ED	57	2.508	2.214	3.269	2.608	2.359	1.509	1.793	1.337	1.350	0.833	1.343
427	TEACHER-HS HOME EC	60	2.566	1.870	2.841	2.126	2.301	1.635	1.707	1.099	1.204	0.885	1.296
428	TEACHER-TRADES	4	2.500	2.380	2.217	1.155	0.816	1.258	0.816	0.816	0.500	0.500	0.577
429	TEACHER-PHYS ED	59	3.331	2.473	3.011	1.916	2.282	1.592	1.821	1.275	1.320	0.991	1.179
431	TEACHER-ART	50	3.122	2.119	2.766	2.053	1.930	1.515	1.636	1.125	1.198	0.768	1.120
432	TEACHER-MUSIC	65	3.354	2.371	3.271	2.212	2.271	1.749	1.505	1.281	1.053	0.951	1.260
440	TEACHER-HANDICAPPED	70	2.417	2.369	2.812	2.357	2.032	1.626	1.262	1.245	1.107	0.745	1.307
441	SPEECH THERAPIST	32	2.704	2.139	2.809	2.361	1.571	1.668	1.630	0.970	1.409	0.880	1.306
450	SCHOOL ADM (EXC COLL)	5	3.578	3.240	2.702	2.950	2.950	1.581	1.871	1.304	1.643	1.304	2.049
460	COLL/UNIV TCHR (NEC)	107	2.891	1.826	2.787	2.257	1.845	1.543	1.236	1.162	1.295	0.741	1.195
461	COLL/UNIV TCHR-MATH	10	3.510	2.251	2.830	2.514	1.687	1.874	0.994	0.789	1.135	0.527	1.054
462	COLL/UNIV TCHR-SCIENCE	17	3.344	1.919	2.781	2.913	1.640	1.576	1.463	1.463	1.219	0.606	0.707
463	COLL/UNIV TCHR-SOC SCI	16	2.176	1.328	3.615	2.160	2.213	1.982	1.063	1.291	1.732	0.629	1.063
464	COLL/UNIV TCHR-ENGLISH	32	3.473	1.845	2.961	2.052	1.925	1.470	1.181	1.157	1.292	0.665	1.318
465	COLL/UNIV TCHR-FOR LANG	10	1.843	2.610	3.283	2.275	1.493	1.368	1.073	1.020	1.268	0.513	0.841
470	COLL/UNIV TCHR-ADM	4	0.816	1.500	2.872	2.872	2.160	0.957	1.291	2.082	0.0	0.500	0.500
499	AUX JOBS IN EDUC	3	5.859	1.528	3.000	4.933	5.508	2.646	2.309	1.732	1.732	1.528	1.000
511	LIBRARIAN	77	2.997	1.989	3.133	2.353	2.152	1.541	1.348	1.075	1.222	0.753	1.231
521	CLERGYMAN	7	2.563	1.604	2.289	2.160	2.673	1.813	1.069	1.604	1.134	0.756	1.574
522	MONK, BROTHER, NUN	23	3.013	2.028	2.859	2.148	2.089	1.683	1.163	1.365	1.123	0.897	1.267

TABLE 1.2 (continued)

#	GROUP	N	MEANS										
			INFORMATION TEST I (CONTD.)					INFORMATION TEST II					
			MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE	JOURNALISM	FOREIGN TRAVEL
			R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135	R-136	R-137
523	RELIG WORKER (OTHER)	35	8.829	7.829	13.200	6.714	7.000	4.686	6.314	2.743	2.657	1.943	2.543
531	WRITER (NEC)	28	8.500	7.750	13.643	7.036	9.250	5.893	7.321	2.929	3.214	2.643	3.250
532	FICTION WRITER	5	9.200	8.400	15.400	8.200	8.800	5.000	7.400	3.000	3.600	2.400	4.000
533	NONFIC WRTR (EXC JRNLIST)	5	12.400	9.600	16.000	8.400	10.000	6.600	8.200	3.800	3.400	3.000	4.200
534	JOURNALIST/REPORTER	23	9.739	8.957	14.217	6.652	8.870	6.174	7.304	3.435	3.783	2.478	3.348
536	PUBLISHER, ETC.	4	8.000	8.000	15.000	6.250	7.500	5.000	7.250	2.250	4.000	2.000	3.750
537	EDITOR	10	9.600	8.200	12.000	7.400	10.000	6.100	7.700	3.200	3.700	2.800	3.300
539	TRANSLAT, INTERPR, LINGST	13	7.692	7.923	12.692	7.385	9.231	6.077	8.308	3.231	3.308	2.538	3.692
541	FINE ARTS	42	9.381	8.095	13.500	6.238	9.071	5.190	7.214	3.524	3.548	2.476	3.333
545	COMM ARTIST	35	9.543	8.229	14.029	6.314	8.571	5.029	6.800	3.229	3.343	2.057	3.143
547	DESIGNER (CONS GDS)	3	14.333	9.333	15.333	10.000	11.000	6.667	9.000	4.000	4.667	3.000	5.000
551	MUSICIAN	7	10.143	8.143	15.286	8.143	9.857	5.714	7.286	3.143	4.429	2.286	4.143
552	SINGER	13	8.615	7.077	11.538	4.846	7.154	5.231	6.385	2.769	2.385	2.154	2.692
559	MUSIC-RELATED (MISC)	2	10.000	8.000	14.500	7.000	6.000	4.500	6.000	3.000	2.500	2.000	3.500
560	DANCER, CHOREOG	12	7.333	7.333	12.000	5.750	7.583	4.667	6.250	3.667	3.000	1.833	2.083
571	ACTOR	8	6.375	8.125	12.125	5.625	8.250	5.125	7.375	3.125	3.500	2.375	2.750
572	THEATRICAL DIRECTING	2	9.500	9.500	11.000	7.500	9.500	4.500	8.500	2.500	4.000	1.500	2.500
575	THEATRE (OTHER)	11	9.000	7.182	13.000	6.091	7.545	5.273	7.273	3.000	2.909	2.455	3.182
579	MISC PERF ARTS	3	6.333	7.000	14.000	5.000	9.667	4.667	8.000	2.667	2.000	2.333	3.333
581	MODEL	8	7.375	6.375	13.000	4.500	6.625	4.125	6.375	2.750	2.625	1.500	2.125
611	PRO ATHLETE	2	8.500	9.000	9.500	7.500	8.000	4.500	4.500	2.500	2.500	1.000	2.000
621	RECREATION DIR	8	9.375	8.250	13.625	7.250	7.375	5.375	6.625	3.375	3.250	2.125	3.125
631	FARM/RANCH OWNER	3	6.667	7.333	12.000	4.000	6.667	5.000	5.333	2.333	3.000	2.000	1.667
639	FARMING (OTHER)	4	12.000	9.500	14.750	6.000	7.000	4.750	7.000	4.000	2.750	1.500	2.000
661	POLICE (PUBLIC)	5	5.200	5.800	13.200	5.800	6.400	4.600	7.000	2.200	2.600	2.000	2.600
711A	BANKING & FINANCE, I	13	9.077	7.538	13.154	5.846	6.154	4.077	6.385	2.308	2.231	2.000	2.385
711B	BANKING & FINANCE, II	3	9.667	9.333	12.333	9.333	8.000	7.333	8.333	4.667	2.667	3.000	2.333
716	CPA	8	8.750	8.125	14.000	7.000	8.375	4.750	7.250	3.375	2.500	1.875	2.000
717	ACCTANT (EXC CPA)	87	8.368	7.724	13.322	5.736	6.931	4.839	6.667	2.586	2.816	2.115	2.701
721	PURCHASING AGENT	3	9.000	9.333	15.000	5.667	9.333	5.333	7.333	3.333	3.333	2.667	2.667
722	RETAIL BUYER	27	6.963	7.704	13.333	6.481	7.926	4.926	6.815	3.259	3.444	2.074	3.148
724	ADVERTISING	23	9.609	8.478	14.348	7.609	8.783	5.783	7.087	3.348	3.696	2.348	3.087
725	PUBLIC RELATIONS	17	7.824	8.882	13.941	7.000	8.471	5.294	7.176	3.059	3.647	2.647	3.294
726	PERSONNEL ADMIN	21	8.905	8.619	14.952	7.619	8.857	5.810	7.333	3.190	3.714	2.333	3.238
727	APPRAISING/ESTIMATING	16	9.688	8.625	14.313	6.750	7.813	5.188	7.313	3.125	3.188	1.938	2.875
728	LOAN/CREDIT INVESTIG	2	5.000	6.000	10.500	4.500	7.000	3.000	5.500	1.500	1.500	1.000	2.500
730	BUS, MGMT, ADM (NEC)	26	9.192	8.346	13.538	7.577	7.269	5.115	7.000	3.000	3.154	2.231	3.231
732	WHSL/RET TRADE MGMT/MKTG	17	8.824	8.176	14.412	7.118	7.882	4.588	6.882	3.176	3.294	2.176	3.294
738	SUPERVISOR IN BUS	6	9.500	7.167	14.167	5.333	5.833	4.667	6.333	2.833	2.500	1.667	1.500
741	SALESCLERK	36	7.139	7.056	11.694	4.833	5.306	4.028	5.722	2.583	2.194	1.361	1.889
743	STOCKBROKER	2	7.000	5.500	12.500	4.000	6.500	5.000	4.000	2.500	3.500	2.000	1.500
745	REAL EST SLSMAN	5	7.600	7.600	13.400	4.800	5.400	4.400	6.200	1.800	2.600	2.200	2.000
746	INSURANCE SLSMAN	6	7.667	5.833	12.333	5.167	6.333	4.667	7.167	3.000	2.167	2.167	2.167
748	OTHER SLSMAN (NEC)	15	8.267	8.200	12.467	6.800	6.600	4.267	6.400	2.667	2.667	1.867	2.533
751	BOOKKEEPER	100	8.140	7.880	13.590	6.240	6.590	4.500	6.260	2.670	2.470	1.820	2.380
752	TELLER OR BANK CLERK	32	7.719	7.813	13.094	5.719	5.656	3.844	6.125	2.375	2.719	1.656	2.000
753	CASHIER	6	7.500	7.000	12.167	5.167	6.000	3.167	6.000	1.833	1.333	1.167	1.000
755	MISC ACCT RECDG	46	7.717	7.174	12.674	5.783	7.022	4.326	6.326	2.565	2.478	1.761	2.543
756	KEYPUNCH OP	69	8.116	7.290	12.928	5.826	6.870	4.594	6.290	2.942	2.435	1.725	2.261
757	KEYPUNCH INSTRUC	3	6.667	4.333	13.667	5.333	6.333	4.333	5.333	1.667	2.000	1.333	1.667
758	COMPUTER OP	57	7.684	7.175	12.456	5.175	6.526	4.351	6.421	2.421	2.439	1.719	2.386
761	SECRETARY (NEC)	851	8.001	7.612	13.006	5.922	6.754	4.575	6.570	2.750	2.676	1.900	2.390
762	SECRETARY-BOOKKEEPER	26	8.077	7.692	12.962	5.423	6.962	4.538	7.038	3.077	2.692	2.038	2.385
763	MED/DENT SECRETARY	39	8.103	7.974	13.897	6.410	6.897	4.564	6.949	2.897	2.897	2.000	2.615
764	LEGAL SECRETARY	45	7.889	7.600	13.422	5.444	7.022	4.556	6.267	2.867	2.711	2.111	2.333
765	STENO, CRT REPRTR	48	7.917	7.458	12.875	6.208	6.938	4.250	6.875	2.638	2.729	1.917	2.271
766	TYPIST, CLRK TYPIST	68	7.353	6.721	11.868	4.824	5.926	4.074	6.176	2.603	2.147	1.588	2.250
769	CLERK (MISC)	99	8.232	7.263	12.919	5.758	5.869	4.071	5.970	2.505	2.515	1.838	2.172
771	OFFICE SUPERVISOR	18	8.667	6.333	12.667	6.389	6.889	5.056	7.389	2.667	2.444	2.167	2.611
772	OFFICE MANAGER	14	8.929	7.786	13.643	5.714	6.857	4.214	6.857	3.000	2.786	1.857	2.429
781	PHONE, PBX OP	21	7.952	7.571	12.429	5.048	5.714	3.714	6.095	2.238	2.048	1.762	2.190
789	OTHER "PUB CONT" OCCS	38	7.447	6.579	13.053	6.053	5.763	4.579	6.211	2.368	2.763	1.895	2.526
791	RADIO, TELEGR, TELETYPE OP	6	7.833	5.667	14.333	6.833	7.500	6.000	6.833	2.667	2.667	2.000	3.000
797	MISC CLERICAL	25	9.240	7.960	12.200	5.520	7.040	4.160	5.960	2.680	2.440	1.400	2.240
798	MISC ADMINISTRATIVE	14	8.714	8.143	12.643	6.643	8.286	5.929	7.000	3.143	3.214	2.286	3.357
810	ELECTRICIAN	2	8.500	7.000	15.000	5.000	4.000	3.500	4.500	3.000	1.500	2.500	3.000
811	ELECTRONIC TECH	2	6.000	4.000	14.500	2.000	6.500	3.500	7.000	2.000	0.500	1.500	3.000
853	AUTO, BUS, TRUCK DRIVER	2	3.000	8.000	10.500	6.500	7.000	5.000	4.500	2.500	3.000	2.000	3.500
861	PRINTING TRADES	5	8.400	8.200	15.800	5.200	7.000	4.600	6.800	4.000	2.200	1.800	2.600
864	DRAFTSMAN	4	8.500	7.000	14.750	4.750	7.250	3.500	6.000	2.250	4.000	2.000	2.750
865	PHOTOGRAPHY	11	9.909	8.364	13.273	7.545	8.636	4.636	7.545	3.091	3.455	2.182	2.636
866	INTERIOR DECORATOR	31	9.258	7.903	13.581	6.452	7.774	4.871	7.000	2.968	3.161	1.677	2.710
868	CLTHNG & FASHN TRADES	41	7.707	6.659	12.341	5.024	6.024	3.829	5.463	2.561	2.268	1.488	2.244
871	DIETITIAN	17	9.235	8.000	14.588	8.176	8.118	5.118	7.235	3.353	3.059	2.118	2.765
872	HOME ECONOMIST	35	9.743	8.829	14.400	6.943	6.743	5.086	6.943	3.114	2.629	2.143	2.800
873	AIRLINE STEWARD, STEWARDESS	23	8.652	7.478	14.174	6.348	7.130	5.043	5.957	2.957	2.826	2.304	2.870
881	FOOD & BEVERAGE PREP	8	6.500	7.000	10.000	4.875	5.125	4.125	4.500	2.500	2.250	1.125	1.500
891	MISC PERSONAL SERV	23	7.087	7.217	11.261	4.609	5.304	3.957	5.783	2.217	2.217	1.609	1.609
893	HAIRDRESSER	201	7.607	7.169	12.448	5.090	5.891	3.930	5.995	2.622	2.448	1.512	2.035
894	PRACTICAL NURSE	168	7.685	7.607	12.738	5.583	6.173	4.173	6.524	2.708	2.417	1.690	2.321
895	NURSES' AIDE	17	7.588	6.294	12.000	4.471	5.235	4.176	4.832	2.294	1.647	1.471	2.059
899	GENERAL LABORER	62	7.290	6.629	11.387	4.790	4.629	3.337	5.468	2.258	2.081	1.274	1.694
	TOTAL	15423	8.375	7.752	13.295	6.183	7.086	4.680	6.646	2.380	2.821	1.969	2.606

TABLE 1.2 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST I (CONTD.)					INFORMATION TEST II					
			MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE	JOURNALISM	FOREIGN TRAVEL
			R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135	R-136	R-137
523	RELIG WORKER (OTHER)	35	2.538	2.269	2.859	2.383	2.425	1.491	1.659	1.146	0.998	0.765	1.400
531	WRITER (NEC)	28	3.121	2.548	2.765	1.972	1.798	1.707	1.278	1.274	1.397	0.621	0.928
532	FICTION WRITER	5	3.701	2.074	2.702	3.768	1.789	2.646	0.894	1.000	2.074	1.342	1.225
533	NONFIC WRTR (EXC JRNLIST)	5	0.548	1.517	4.359	1.817	1.000	1.140	0.837	0.447	1.140	0.0	0.447
534	JOURNALIST/REPORTER	23	2.988	1.461	3.529	2.551	1.486	1.230	1.146	1.237	1.278	0.730	1.027
536	PUBLISHER, ETC.	4	4.163	2.000	3.559	1.500	2.646	0.816	1.708	1.258	0.816	0.816	0.957
537	EDITOR	10	2.547	1.814	2.749	2.366	1.633	1.449	0.823	0.919	1.252	0.422	1.567
539	TRANSLAT, INTERPR, LINGST	13	2.463	2.060	3.591	2.329	1.589	1.605	0.855	1.481	1.437	0.519	1.377
541	FINE ARTS	42	2.938	2.207	3.102	2.261	2.202	1.596	1.335	1.366	1.273	0.671	1.223
545	COMM ARTIST	35	3.119	2.157	3.101	1.762	1.787	1.543	1.389	1.215	1.187	0.765	1.167
547	DESIGNER (CONS GDS)	3	1.155	0.577	1.528	0.0	1.000	0.577	0.0	1.732	1.528	0.0	0.0
551	MUSICIAN	7	2.734	2.268	4.231	2.968	1.676	1.380	1.604	0.900	1.272	0.756	0.900
552	SINGER	13	3.228	2.722	4.594	2.882	2.641	1.481	1.502	1.235	1.387	0.689	1.109
559	MUSIC-RELATED (MISC)	2	2.828	1.414	4.950	1.414	0.0	2.121	1.414	2.828	0.707	0.0	0.707
560	DANCER, CHOREOG	12	2.348	1.614	2.697	1.960	2.234	1.923	1.712	0.778	1.206	1.030	1.165
571	ACTOR	8	2.615	1.642	3.314	1.923	1.581	0.991	1.302	0.991	1.690	0.916	1.389
572	THEATRICAL DIRECTING	2	4.950	0.707	2.828	0.707	0.707	0.707	0.707	2.121	2.828	0.707	0.707
575	THEATRE (OTHER)	11	3.975	3.311	4.539	3.506	2.659	1.954	1.489	1.483	1.375	0.820	1.662
579	MISC PERF ARTS	3	1.528	1.732	3.606	2.000	0.577	1.155	0.0	0.577	1.000	0.577	1.155
581	MODEL	8	2.722	2.134	3.381	2.330	3.159	0.991	1.246	1.488	1.061	0.756	0.835
611	PRO ATHLETE	2	4.950	1.414	6.364	3.536	1.414	2.121	3.536	3.536	2.121	1.414	1.414
621	RECREATION DIR	8	4.340	2.315	3.926	1.669	2.504	1.302	1.598	1.923	1.389	1.126	0.835
631	FARM/RANCH OWNER	3	4.041	2.517	5.000	1.732	4.163	2.646	1.155	0.577	1.732	0.0	1.155
639	FARMING (OTHER)	4	2.309	2.380	2.986	2.160	2.160	2.062	0.816	0.816	0.957	0.577	1.826
661	POLICE (PUBLIC)	6	3.899	4.147	3.564	1.483	2.608	1.140	1.225	0.837	1.140	0.707	1.140
711A	BANKING & FINANCE, I	13	2.499	2.817	3.363	2.512	2.075	1.552	1.502	1.437	1.013	1.155	1.325
711B	BANKING & FINANCE, II	3	4.619	1.155	2.517	2.309	2.646	1.155	0.577	1.528	1.528	0.0	0.577
716	CPA	9	2.252	1.959	3.024	2.138	1.061	1.488	1.165	1.188	1.195	0.991	1.309
717	ACCTANT (EXC CPA)	37	3.221	2.613	2.927	2.295	2.376	1.704	1.476	1.216	1.427	0.920	1.163
721	PURCHASING AGENT	3	1.000	0.577	3.606	2.082	2.082	1.155	0.577	1.528	1.528	0.577	1.528
722	RETAIL BUYER	27	2.835	2.053	2.557	2.694	2.218	1.591	1.545	1.196	1.121	0.730	1.460
724	ADVERTISING	23	2.251	1.997	3.200	2.554	1.622	1.565	1.593	1.112	1.259	0.935	1.276
725	PUBLIC RELATIONS	17	2.963	1.728	2.861	2.894	1.972	1.611	1.131	0.899	1.367	0.493	1.047
726	PERSONNEL ADMIN	21	3.300	2.559	1.936	2.674	1.852	1.750	1.155	1.365	1.454	0.730	1.136
727	APPRAISING/ESTIMATING	16	2.496	2.363	1.887	1.983	1.721	1.559	1.537	1.025	1.601	1.181	1.088
728	LOAN/CREDIT INVESTIG	2	1.414	4.243	0.707	0.707	1.414	0.0	4.243	0.707	0.707	1.414	0.707
730	BUS, MGMT, ADM (NEC)	26	3.499	2.038	3.679	1.677	1.888	1.583	1.497	0.894	0.925	0.765	0.992
732	WHSL/RET TRADE MGMT/MKTG	17	2.789	2.128	2.501	2.147	2.027	1.661	1.317	1.380	1.160	0.728	1.047
738	SUPERVISOR IN BUS	6	1.643	3.371	2.927	3.011	3.125	1.506	1.966	0.753	0.548	1.033	1.517
741	SALESCLERK	36	3.208	2.354	2.994	2.077	2.240	1.699	1.783	1.339	0.951	0.798	1.166
743	STOCKBROKER	2	1.414	2.121	0.707	0.0	0.707	0.0	2.828	0.707	0.707	0.0	0.707
745	REAL EST SLSMAN	5	1.140	0.894	2.074	0.837	2.302	0.894	2.121	1.304	2.191	0.837	1.000
746	INSURANCE SLSMAN	6	1.862	4.021	1.862	2.137	2.422	1.506	0.983	1.095	1.722	0.753	1.329
748	OTHER SLSMAN (NEC)	15	3.058	2.178	3.420	2.145	2.165	1.870	1.805	0.976	1.234	0.743	1.060
751	BOOKKEEPER	[illegible]	2.889	2.133	3.005	2.586	2.128	1.514	1.637	1.223	1.267	0.947	1.213
752	TELLER OR BANK CLERK	32	3.522	2.023	2.821	2.738	1.945	1.609	1.661	1.264	1.373	0.827	1.047
753	CASHIER	6	2.588	2.366	3.656	3.545	2.191	1.835	2.191	0.753	1.033	0.983	1.095
755	MISC ACCT RECDG	46	2.778	2.090	2.982	2.270	2.027	1.620	1.765	1.241	1.426	0.993	1.328
756	KEYPUNCH OP	63	2.736	2.624	3.558	2.376	2.419	1.575	1.900	1.360	1.036	1.027	1.279
757	KEYPUNCH INSTRUC	3	2.517	2.082	2.887	3.786	4.041	1.528	3.055	2.082	2.000	0.577	0.577
758	COMPUTER OP	57	2.879	2.001	3.571	2.494	2.759	1.642	1.936	1.322	1.296	0.996	1.461
761	SECRETARY (NEC)	951	2.894	2.360	2.936	2.424	2.374	1.514	1.637	1.221	1.179	0.891	1.288
762	SECRETARY-BOOKKEEPER	26	2.712	2.205	3.447	2.266	2.163	1.555	1.280	1.294	1.158	1.076	1.235
763	MED/DENT SECRETARY	33	3.386	2.218	2.770	2.583	2.371	1.619	1.432	1.209	1.119	0.761	1.138
764	LEGAL SECRETARY	45	2.682	2.320	2.776	2.242	2.360	1.486	1.657	1.160	1.218	0.885	1.297
765	STENO, CRT REPRTR	43	2.550	2.231	3.078	2.851	2.235	1.391	1.525	1.206	1.180	0.871	1.469
766	TYPIST, CLRK TYPIST	68	2.658	2.544	3.195	2.171	2.706	1.418	2.087	1.248	1.123	0.934	1.226
769	CLERK (MISC)	99	2.527	2.593	3.228	2.421	2.359	1.630	2.033	1.320	1.146	0.934	1.079
771	OFFICE SUPERVISOR	13	2.970	3.185	3.029	2.200	2.246	1.662	1.195	1.029	1.042	1.043	1.145
772	OFFICE MANAGER	14	2.786	1.672	2.437	2.400	1.875	1.251	1.231	1.038	1.251	0.949	0.938
781	PHONE, PBX OP	21	3.201	1.964	3.749	2.674	2.305	1.454	2.189	1.375	1.117	0.625	1.327
789	OTHER "PUB CONT" OCCS	23	2.956	3.046	3.221	2.229	2.487	1.621	1.580	1.282	1.149	0.981	1.224
791	RADIO, TELEGR, TELETYPE OP	6	2.639	3.670	2.251	1.472	1.871	0.894	1.329	0.816	1.033	0.894	0.894
797	MISC CLERICAL	25	3.395	2.590	3.719	2.365	2.731	1.724	2.150	1.108	1.193	0.913	1.268
798	MISC ADMINISTRATIVE	14	3.852	2.381	3.079	2.735	2.016	1.542	1.414	0.864	1.718	0.994	1.151
810	ELECTRICIAN	2	3.536	4.243	0.0	2.828	4.243	2.121	3.536	1.414	0.707	0.707	2.828
811	ELECTRONIC TECH	2	0.0	1.414	0.707	0.0	3.536	2.121	2.828	0.0	0.707	0.707	0.0
853	AUTO, BUS, TRUCK DRIVER	2	4.243	0.0	2.121	2.121	1.414	1.414	0.707	2.121	0.0	0.0	2.121
861	PRINTING TRADES	5	2.074	2.000	1.789	2.387	2.000	2.074	1.643	1.225	0.837	0.837	1.140
864	DRAFTSMAN	4	1.291	3.367	1.893	1.258	2.630	1.291	2.944	2.062	1.826	0.816	0.957
865	PHOTOGRAPHY	11	3.390	1.567	3.875	2.622	1.748	1.502	1.508	1.640	1.293	0.982	1.027
866	INTERIOR DECORATOR	31	2.366	2.119	3.704	2.293	1.944	1.432	1.528	1.378	1.241	0.748	1.321
868	CLTHNG & FASHN TRADES	41	3.296	2.555	3.603	2.622	3.190	1.702	1.762	1.119	1.323	1.028	1.200
871	DIETITIAN	17	2.751	2.806	1.970	2.404	1.933	1.409	1.437	1.367	1.519	1.054	1.300
872	HOME ECONOMIST	25	3.100	2.256	3.672	2.413	2.331	1.560	1.533	1.183	1.165	0.733	1.256
873	AIRLINE STEWARD, STEWARDESS	23	3.054	2.538	2.823	1.774	2.492	1.637	1.522	1.107	1.072	0.876	1.058
881	FOOD & BEVERAGE PREP	6	1.773	2.449	4.036	1.458	1.642	1.808	0.926	1.512	0.886	0.835	1.512
891	MISC PERSONAL SERV	23	3.218	2.779	3.401	2.271	2.930	1.581	2.194	1.166	1.506	0.988	1.234
893	HAIRDRESSER	201	3.036	2.411	2.903	2.225	2.229	1.522	1.815	1.125	1.240	0.955	1.218
894	PRACTICAL NURSE	168	3.204	2.420	2.858	2.284	2.303	1.571	1.831	1.315	1.269	0.895	1.259
895	NURSES' AIDE	17	2.694	1.896	4.123	2.401	2.016	1.704	2.058	1.160	0.862	1.179	1.784
899	GENERAL LABORER	62	2.944	2.484	3.433	2.042	2.249	1.633	1.914	1.254	1.029	0.890	1.182
	TOTAL	15423	2.964	2.360	3.161	2.472	2.408	1.655	1.693	1.255	1.295	0.918	1.318

TABLE 1.2 (continued)

#	GROUP	N	MEANS										
			INFORMATION TEST II (CONTD.)										
			MILITARY	ACCTG, BUS, SALES	PRACT KNOWL	CLERICAL	BIBLE	COLORS	ETIQUETTE	HUNTING	FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY
			R-138	R-139	R-140	R-141	R-142	R-143	R-144	R-145	R-146	R-147	R-148
000	NO ANSWER	1522	1.920	4.574	3.138	2.330	7.177	1.627	1.087	1.135	1.042	4.324	1.300
001	DON'T KNOW	166	2.018	5.199	3.205	2.349	7.946	1.843	1.289	1.036	0.910	4.596	1.355
010	HOUSEWIFE	6168	2.000	4.968	3.299	2.494	7.373	1.779	1.228	1.149	1.056	4.616	1.451
020	NO SPEC INCOME JOB	4	2.000	5.250	3.500	2.500	7.000	2.250	1.500	0.750	1.750	5.750	1.500
101	EXECUTIVE (NEC)	2	2.000	5.500	3.500	2.500	8.500	2.000	2.000	2.000	1.500	6.000	2.000
102	FOREMAN (NEC)	2	0.0	2.000	1.000	1.500	6.500	1.500	1.000	0.0	1.000	4.000	1.500
111	WORK FOR GOVT (NEC)	31	2.290	5.516	3.161	2.419	8.677	2.065	1.065	1.194	0.935	4.065	1.161
112	IN BUS FOR SELF (NEC)	33	2.212	4.909	3.182	2.455	6.848	1.788	1.273	1.061	1.091	4.758	1.303
120	IND, BUS, COMM (NEC)	26	1.731	4.346	2.885	2.231	6.923	1.654	1.231	1.269	1.154	4.000	1.500
121	RETAIL (NEC)	2	2.000	6.500	4.000	3.000	10.000	1.500	1.500	3.000	2.000	6.500	2.000
122	TRANSPORTATION (NEC)	6	1.667	3.833	3.333	3.000	7.333	1.167	0.833	1.000	0.833	4.167	1.333
123	REAL ESTATE (NEC)	5	1.600	5.200	3.600	2.200	5.800	2.000	1.200	1.000	1.400	5.200	1.400
124	INSURANCE (NEC)	7	2.286	5.714	3.429	3.000	7.286	1.571	1.000	1.429	0.571	5.429	1.714
125	ELECTRONICS (NEC)	2	0.500	4.000	2.000	2.000	10.500	2.000	1.000	1.500	2.000	3.500	1.500
140	"WORK WITH PEOPLE" (NEC)	2	2.000	4.500	3.000	2.000	5.000	1.000	2.000	1.000	0.500	3.500	1.500
141	"WORK W CHILDREN" (NEC)	7	1.714	4.571	2.857	2.000	5.857	1.571	1.143	1.429	1.000	4.429	1.286
211	MATH, STAT	20	2.500	6.300	3.800	2.550	10.550	2.100	1.450	0.950	0.950	5.500	1.800
221	SYSTEMS ANALYST	14	2.929	6.429	3.571	2.643	9.500	2.143	1.357	1.643	1.071	5.143	1.643
222	COMPUTER PROGRAMMER	53	2.415	6.000	3.528	2.453	8.774	2.189	1.415	1.151	0.925	4.849	1.566
229	COMPUTER SPEC (NEC)	4	3.500	6.500	4.000	2.750	11.000	1.750	1.500	1.250	2.250	6.000	1.500
230	PHYSICAL SCI (NEC)	3	1.667	4.667	3.333	2.000	10.667	2.000	1.333	0.667	1.000	5.667	2.333
231	CHEMIST	15	2.800	6.733	3.800	2.467	11.267	2.333	1.600	1.333	1.400	5.800	1.533
299	PHYS SCI, LAB TECH	29	1.897	5.310	3.207	2.310	7.828	1.552	1.345	1.241	1.276	4.897	1.517
310	BIOLOGIST, ZOOLOGIST	20	2.450	5.950	3.650	2.650	10.150	2.300	1.600	1.450	1.200	6.100	1.750
315	PHARMACOLOGIST	4	2.750	5.500	3.500	2.750	7.000	2.000	1.750	0.750	0.500	5.750	1.750
316	MICROBIOLOGIST	13	2.692	6.462	3.462	2.615	10.538	2.231	1.308	1.308	1.154	5.538	1.769
317	BIOCHEMIST	8	2.625	6.375	3.625	2.625	9.500	2.250	1.250	1.250	1.125	6.625	1.875
319	OTHER CHEM SCI	3	2.333	5.000	3.000	1.333	8.000	1.667	1.000	0.667	1.333	4.000	1.333
329	MD-OTHER	8	2.750	7.000	3.750	2.500	9.750	2.375	1.625	0.750	0.750	6.000	1.625
333	VETERINARIAN	2	3.000	4.500	3.500	3.000	10.500	2.500	1.500	2.000	1.000	5.000	1.000
335	PHARMACIST	14	2.357	6.429	3.786	2.500	9.000	1.643	1.429	1.357	1.071	5.643	1.500
337	RN	591	2.443	5.497	3.487	2.530	9.112	1.954	1.425	1.191	0.963	5.362	1.506
341	DENTAL HYGIENIST	32	2.500	5.375	3.375	2.281	8.188	2.313	1.406	1.406	1.063	5.531	1.500
343	PHYSICAL THERAPIST	16	2.438	5.750	3.688	2.625	7.750	1.375	1.250	1.250	0.875	6.000	1.625
344	OCCUPATIONAL THERAP	13	2.846	5.615	3.462	2.462	8.692	2.385	1.462	1.231	1.077	6.154	1.846
346	SPEC THERAP (MISC)	15	2.267	5.933	3.600	2.733	10.333	2.133	1.267	1.133	1.333	5.467	1.733
347	MED/DENT TECHNOLOGIST	93	2.602	5.559	3.602	2.516	8.742	1.903	1.441	1.215	1.129	5.677	1.570
348	MED/DENT TECHNICIAN	138	2.217	4.928	3.377	2.348	7.391	1.899	1.159	1.210	1.174	4.304	1.312
360	PSYCHOLOGIST	47	2.702	5.447	3.447	2.426	9.638	2.383	1.660	1.128	0.979	5.532	1.617
369	PSYCH RES ASST	3	3.333	4.667	3.000	2.667	7.333	2.333	1.667	1.333	0.333	5.000	1.667
370	SOCIAL WORKER	177	2.593	5.881	3.412	2.429	8.949	2.136	1.401	1.107	1.062	5.119	1.458
371	PSYCHIATRIC SOC WRKER	12	2.417	5.167	3.000	2.500	8.250	2.500	1.167	0.750	1.333	5.083	1.667
372	COUNSELING/GUIDANCE	12	2.417	5.667	3.417	2.167	8.250	1.833	1.417	1.083	1.250	4.750	1.333
373	VOC/ED GUIDANCE	40	2.600	6.225	3.550	2.475	9.000	2.225	1.475	1.125	1.025	5.575	1.700
382	ECONOMIST	2	2.000	5.500	3.000	2.000	9.000	2.000	1.500	2.000	1.500	6.500	2.000
383	SOCIOLOGIST	2	0.500	3.000	2.500	1.000	6.000	1.500	1.000	0.500	1.000	4.000	1.000
384	ANTHROPOLOGIST	4	3.000	7.250	3.500	2.000	5.750	2.750	1.750	2.000	1.500	5.000	1.500
389	SOCIAL SCI (MISC)	6	3.000	5.833	3.000	2.333	9.000	1.833	1.333	0.667	1.333	5.833	1.333
391	POLITICIAN	5	1.800	6.000	3.400	2.400	9.600	1.800	1.600	1.600	1.400	3.600	1.200
392	DIPLOMAT	3	4.000	6.000	3.000	2.333	12.000	2.333	1.667	0.667	1.333	4.333	1.333
393	LAWYER	11	2.727	7.727	3.727	2.455	10.909	2.727	1.727	0.727	0.909	5.909	1.545
394	MARKET ANALYST	3	2.000	8.000	4.000	3.000	9.333	2.333	2.000	1.333	1.000	6.000	1.333
398	CITY PLANNER (NEC)	3	3.000	7.333	4.000	2.000	10.667	2.333	1.667	1.000	1.333	7.333	1.667
400	TEACHER (NEC)	1326	2.468	5.640	3.469	2.480	8.929	2.257	1.411	1.121	1.077	5.254	1.554
410	TCHNG YNG CHILDREN	10	3.000	5.800	3.700	2.200	8.500	2.200	1.300	1.300	1.400	4.800	1.200
411	TCHNG PRESCH CHILDREN	30	2.367	5.200	3.433	2.400	8.400	2.000	1.367	1.000	1.367	5.467	1.267
412	TEACHER-ELEM	616	2.344	5.411	3.459	2.440	8.459	2.039	1.393	1.119	1.058	5.060	1.456
420	TEACHER-HS (NEC)	91	2.359	5.765	3.481	2.568	10.210	2.012	1.309	1.235	0.988	5.395	1.556
421	TEACHER-HS MATH	36	2.556	5.889	3.306	2.472	9.639	2.167	1.500	1.028	0.944	5.139	1.417
422	TEACHER-HS SCIENCE	30	2.767	5.967	3.533	2.400	9.400	2.300	1.467	1.233	1.400	5.767	1.600
423	TEACHER-HS SOC STUD	54	2.852	6.000	3.352	2.630	9.278	2.019	1.481	1.222	0.907	5.481	1.630
424	TEACHER-ENGLISH	132	2.705	6.015	3.568	2.462	10.265	2.326	1.500	1.189	1.220	5.197	1.583
425	TEACHER-FOREIGN LANG	46	2.478	5.848	3.478	2.326	9.761	2.391	1.413	1.261	0.891	5.957	1.565
426	TEACHER-COMM ED	57	2.333	5.649	3.298	2.684	7.035	2.000	1.281	1.175	0.877	4.825	1.404
427	TEACHER-HS HOME EC	68	2.353	4.985	3.500	2.515	8.309	2.118	1.588	1.103	1.029	5.147	1.529
428	TEACHER-TRADES	4	3.250	6.000	3.250	2.500	8.500	2.750	1.750	1.000	1.250	5.250	1.750
429	TEACHER-PHYS ED	59	2.407	4.966	3.322	2.373	7.712	1.746	1.220	1.288	1.102	5.424	1.508
431	TEACHER-ART	50	2.120	5.380	3.580	2.400	9.340	2.340	1.380	1.020	1.160	5.300	1.540
432	TEACHER-MUSIC	65	2.431	5.077	3.308	2.308	8.877	1.938	1.415	1.108	1.108	4.754	1.554
440	TEACHER-HANDICAPPED	70	2.414	5.500	3.500	2.314	8.386	2.157	1.529	1.136	0.843	5.714	1.543
441	SPEECH THERAPIST	39	2.615	5.949	3.513	2.667	7.923	2.103	1.487	1.359	1.000	5.641	1.538
450	SCHOOL ADM (EXC COLL)	5	2.800	4.800	3.200	2.400	10.200	2.000	1.800	1.200	0.600	5.400	1.200
460	COLL/UNIV TCHR (NEC)	107	2.869	6.215	3.561	2.561	9.860	2.411	1.355	1.159	1.150	5.607	1.589
461	COLL/UNIV TCHR-MATH	10	2.200	6.200	3.500	2.500	10.900	2.200	1.600	1.300	0.900	6.000	1.800
462	COLL/UNIV TCHR-SCIENCE	17	2.882	6.882	3.882	2.706	11.941	2.118	1.647	1.529	1.706	6.941	1.824
463	COLL/UNIV TCHR-SOC SCI	16	2.750	6.688	3.500	2.563	9.563	2.188	1.313	1.125	0.750	5.875	1.438
464	COLL/UNIV TCHR-ENGLISH	32	2.719	6.688	3.625	2.656	11.219	2.438	1.438	1.219	1.344	6.094	1.563
465	COLL/UNIV TCHR-FOR LANG	19	2.526	6.105	3.368	2.684	9.737	2.158	1.789	1.211	1.105	5.632	1.579
470	COLL/UNIV TCHR-ADM	4	2.750	6.250	3.750	2.750	10.500	2.250	1.500	0.750	0.500	5.500	1.250
499	AUX JOBS IN EDUC	3	1.000	2.000	2.667	1.333	4.667	1.333	1.000	0.667	0.667	2.333	1.000
511	LIBRARIAN	77	2.636	5.753	3.416	2.636	9.818	2.039	1.364	1.130	1.117	5.338	1.481
521	CLERGYMAN	7	2.714	5.429	3.000	2.000	11.429	1.714	1.429	0.571	1.000	4.429	1.714
522	MONK, BROTHER, NUN	29	2.759	5.517	3.379	2.448	11.483	2.069	1.276	1.345	1.103	5.345	1.552

TABLE 1.2 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST II (CONTD.)										
			MILITARY	ACCTG, BUS, SALES	PRACT KNOWL	CLERICAL	BIBLE	COLORS	ETIQUETTE	HUNTING	FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY
			R-138	R-139	R-140	R-141	R-142	R-143	R-144	R-145	R-146	R-147	R-148
000	NO ANSWER	1522	1.199	1.929	0.857	0.788	3.182	0.946	0.726	0.913	0.905	1.869	0.696
001	DON'T KNOW	166	1.310	2.110	0.864	0.712	3.477	0.960	0.731	0.830	0.959	1.859	0.670
010	HOUSEWIFE	6163	1.213	1.824	0.743	0.689	3.104	0.925	0.703	0.924	0.921	1.685	0.626
020	NO SPEC INCOME JOB	4	1.414	1.258	0.577	0.577	3.559	0.957	0.577	0.500	1.258	2.754	0.577
101	EXECUTIVE (NEC)	2	1.414	2.121	0.707	0.707	0.707	1.414	0.0	1.414	0.707	1.414	0.0
102	FOREMAN (NEC)	2	0.0	1.414	0.0	2.121	3.536	0.707	0.0	0.0	1.414	1.414	0.707
111	WORK FOR GOVT (NEC)	31	1.296	2.158	0.779	0.807	3.300	1.031	0.727	1.223	0.814	1.843	0.735
112	IN BUS FOR SELF (NEC)	33	1.166	1.826	0.950	0.754	3.073	1.023	0.801	0.747	0.765	2.136	0.637
120	IND, BUS, COMM (NEC)	26	1.185	1.917	0.952	0.951	2.827	1.056	0.765	0.919	0.881	1.855	0.648
121	RETAIL (NEC)	2	1.414	2.121	0.0	0.0	1.414	0.707	0.707	1.414	1.414	2.121	0.0
122	TRANSPORTATION (NEC)	6	0.816	0.753	0.516	0.0	2.251	0.983	0.753	0.632	0.753	0.753	0.816
123	REAL ESTATE (NEC)	5	0.894	1.304	0.548	0.837	1.924	0.707	0.837	0.707	1.140	1.483	0.894
124	INSURANCE (NEC)	7	0.756	2.059	0.787	0.0	3.638	1.512	0.816	0.976	0.787	1.272	0.488
125	ELECTRONICS (NEC)	2	0.707	0.0	0.0	0.0	0.707	1.414	0.0	2.121	0.0	2.121	0.707
140	"WORK WITH PEOPLE" (NEC)	2	1.414	0.707	0.0	0.0	0.0	0.0	0.0	0.0	0.707	0.707	0.707
141	"WORK W CHILDREN" (NEC)	7	0.756	1.512	0.690	0.816	1.574	0.787	0.900	1.272	0.577	2.440	0.951
211	MATH, STAT	23	1.357	1.418	0.410	0.686	2.762	0.788	0.686	0.887	0.826	1.504	0.410
221	SYSTEMS ANALYST	14	1.141	2.102	0.646	0.633	2.981	0.949	0.765	1.277	0.730	2.179	0.497
222	COMPUTER PROGRAMMER	53	1.365	1.721	0.608	0.637	3.412	0.856	0.602	0.949	0.874	1.703	0.572
229	COMPUTER SPEC (NEC)	4	2.082	2.380	0.0	0.500	2.944	1.258	1.000	1.258	1.500	0.0	0.577
230	PHYSICAL SCI (NEC)	3	1.155	2.309	1.155	1.000	0.577	1.000	1.155	1.155	1.000	1.155	0.577
231	CHEMIST	15	1.207	1.907	0.561	0.640	2.815	0.976	0.632	1.234	1.056	1.474	0.640
299	PHYS SCI, LAB TECH	26	1.113	1.929	0.675	0.712	3.307	1.021	0.769	1.123	1.066	1.970	0.634
310	BIOLOGIST, ZOOLOGIST	20	1.317	1.791	0.489	0.489	3.787	0.733	0.681	1.099	0.894	1.683	0.639
315	PHARMACOLOGIST	4	0.500	1.291	0.577	0.500	2.944	0.816	0.500	0.500	0.577	2.217	0.500
316	MICROBIOLOGIST	12	1.653	1.713	0.519	0.506	3.307	1.013	0.630	0.751	0.689	1.713	0.599
317	BIOCHEMIST	8	1.061	1.598	1.061	0.518	2.449	0.707	0.707	0.463	0.991	1.408	0.354
319	OTHER CHEM SCI	3	0.577	2.000	1.000	0.577	4.583	1.528	1.000	0.577	0.577	1.000	0.577
329	MD-OTHER	8	1.581	1.069	0.463	0.756	2.252	1.061	0.518	0.707	1.165	0.926	0.518
333	VETERINARIAN	2	0.0	3.536	0.707	0.0	0.707	0.707	0.707	0.0	1.414	2.828	1.414
335	PHARMACIST	14	1.393	1.342	0.426	0.941	3.397	0.842	0.756	1.216	0.829	1.336	0.650
337	RN	501	1.246	1.629	0.661	0.637	3.042	0.875	0.630	0.922	0.923	1.478	0.605
341	DENTAL HYGIENIST	32	1.244	1.755	0.660	0.729	2.633	0.738	0.665	1.012	0.948	1.436	0.672
343	PHYSICAL THERAPIST	16	1.031	1.390	0.479	0.500	3.215	0.806	0.683	0.775	1.025	1.506	0.500
344	OCCUPATIONAL THERAP	13	1.214	1.805	0.519	0.519	3.146	0.650	0.660	0.725	1.115	1.625	0.376
346	SPEC THERAP (MISC)	15	1.100	2.017	0.507	0.594	2.895	0.743	0.884	0.834	1.291	1.846	0.458
347	MED/DENT TECHNOLOGIST	23	1.190	1.618	0.554	0.716	3.018	0.885	0.634	0.907	1.055	1.505	0.597
348	MED/DENT TECHNICIAN	129	1.266	1.686	0.707	0.807	3.232	0.874	0.727	1.104	0.919	1.746	0.577
360	PSYCHOLOGIST	47	1.214	1.585	0.583	0.715	3.435	0.644	0.522	0.850	0.944	1.396	0.491
369	PSYCH RES ASST	3	0.577	1.155	0.0	0.577	3.215	0.577	0.577	0.577	0.577	1.000	0.577
370	SOCIAL WORKER	177	1.254	1.928	0.686	0.774	3.339	0.950	0.701	0.920	0.840	1.775	0.612
371	PSYCHIATRIC SOC WRKER	12	0.669	1.697	0.853	0.522	3.493	0.522	0.389	1.055	1.231	2.065	0.492
372	COUNSELING/GUIDANCE	12	1.443	1.155	0.793	1.030	3.334	0.835	0.669	0.669	0.965	1.603	0.492
373	VOC/ED GUIDANCE	40	1.355	1.577	0.597	0.599	3.679	0.974	0.554	0.791	0.920	1.599	0.516
382	ECONOMIST	2	0.0	3.536	1.414	1.414	1.414	1.414	0.707	1.414	0.707	0.707	0.0
383	SOCIOLOGIST	2	0.707	2.828	2.121	1.414	2.828	2.121	0.0	0.707	1.414	2.828	1.414
384	ANTHROPOLOGIST	4	0.0	0.500	1.000	0.816	3.862	0.500	0.500	1.414	0.577	2.160	0.577
389	SOCIAL SCI (MISC)	6	1.414	1.722	1.549	1.211	3.406	1.169	0.816	1.211	1.033	2.563	0.816
391	POLITICIAN	5	0.837	2.739	0.548	0.548	2.302	1.304	0.548	1.517	1.673	2.881	0.837
392	DIPLOMAT	3	1.000	1.732	1.000	0.577	2.646	1.155	0.577	0.577	1.528	2.887	0.577
393	LAWYER	11	1.009	1.421	0.467	0.688	2.844	0.467	0.467	0.647	0.944	1.221	0.522
394	MARKET ANALYST	3	0.0	0.0	0.0	0.0	0.577	0.577	0.0	1.155	1.000	1.000	0.577
398	CITY PLANNER (NEC)	3	2.000	0.577	0.0	1.000	2.517	0.577	0.577	0.0	1.155	0.577	0.577
400	TEACHER (NEC)	1326	1.211	1.739	0.657	0.673	3.174	0.878	0.662	0.920	0.941	1.695	0.580
410	TCHNG YNG CHILDREN	10	1.247	1.549	0.483	0.632	3.171	0.632	0.823	0.823	1.350	1.476	0.789
411	TCHNG PRESCH CHILDREN	33	1.217	1.669	0.626	0.724	3.092	0.788	0.718	0.788	0.999	1.479	0.521
412	TEACHER-ELEM	616	1.168	1.764	0.651	0.700	3.144	0.877	0.634	0.911	0.872	1.643	0.580
420	TEACHER-HS (NEC)	91	1.316	1.575	0.635	0.590	3.133	0.915	0.769	0.952	0.887	1.555	0.570
421	TEACHER-HS MATH	36	1.443	1.753	0.749	0.810	2.799	0.878	0.561	0.810	0.984	1.900	0.554
422	TEACHER-HS SCIENCE	30	1.073	2.042	0.615	0.563	3.478	0.651	0.776	1.104	0.968	1.775	0.675
423	TEACHER-HS SOC STUD	54	1.379	1.517	0.805	0.592	3.147	0.942	0.606	0.984	0.875	1.551	0.525
424	TEACHER-ENGLISH	132	1.318	1.606	0.679	0.681	3.006	0.824	0.599	0.901	0.944	1.536	0.539
425	TEACHER-FOREIGN LANG	64	1.295	2.108	0.547	0.762	3.761	0.745	0.686	1.021	0.900	1.725	0.544
426	TEACHER-COMM ED	57	1.091	2.013	0.944	0.572	3.076	0.756	0.774	0.947	0.888	1.862	0.623
427	TEACHER-HS HOME EC	68	1.290	1.824	0.680	0.723	3.302	0.783	0.525	0.900	0.880	1.469	0.503
428	TEACHER-TRADES	4	1.500	1.826	0.957	0.577	2.082	0.500	0.500	1.155	1.258	2.062	0.500
429	TEACHER-PHYS ED	59	1.100	1.671	0.819	0.692	2.989	0.843	0.696	0.911	1.045	1.621	0.537
431	TEACHER-ART	50	1.100	1.968	0.575	0.782	3.549	0.717	0.697	0.820	1.131	1.753	0.579
432	TEACHER-MUSIC	65	1.185	2.041	0.769	0.748	3.398	0.899	0.583	0.831	0.850	1.677	0.531
440	TEACHER-HANDICAPPED	70	1.042	1.792	0.608	0.733	2.688	0.792	0.631	0.889	0.927	1.331	0.652
441	SPEECH THERAPIST	30	1.269	1.356	0.644	0.630	2.795	0.788	0.556	0.932	0.918	1.799	0.600
450	SCHOOL ADM (EXC COLL)	5	2.168	1.924	0.837	0.894	3.033	1.225	0.447	0.447	0.894	1.949	0.837
460	COLL/UNIV TCHR (NEC)	107	1.408	1.843	0.661	0.661	3.255	0.700	0.618	0.923	1.008	1.571	0.598
461	COLL/UNIV TCHR-MATH	10	1.317	2.098	0.707	0.527	3.381	0.789	0.516	0.949	0.738	2.404	0.422
462	COLL/UNIV TCHR-SCIENCE	17	1.453	1.691	0.332	0.470	2.249	0.697	0.493	0.943	1.160	1.600	0.393
463	COLL/UNIV TCHR-SOC SCI	16	1.000	1.740	0.632	0.727	3.245	0.750	0.793	0.719	0.683	1.746	0.629
464	COLL/UNIV TCHR-ENGLISH	32	1.170	1.693	0.492	0.602	2.685	0.716	0.669	0.975	1.035	1.653	0.619
465	COLL/UNIV TCHR-FOR LANG	13	0.964	1.286	0.597	0.478	2.621	0.765	0.419	0.855	0.994	1.383	0.507
470	COLL/UNIV TCHR-ADM	4	0.500	0.500	0.500	0.500	3.697	1.500	1.000	0.957	0.577	2.887	0.500
499	AUX JOBS IN EDUC	3	1.732	1.000	1.155	1.528	2.887	0.577	0.0	0.577	1.155	2.517	1.000
511	LIBRARIAN	77	1.256	1.741	0.695	0.560	3.312	0.802	0.742	0.894	0.973	1.627	0.528
521	CLERGYMAN	7	1.976	0.976	0.816	1.155	2.760	0.756	0.535	0.535	1.000	1.618	0.488
522	MONK, BROTHER, NUN	20	1.455	1.864	0.728	0.783	2.309	0.753	0.797	0.857	1.047	1.370	0.632

TABLE 1.2 (continued)

			MEANS										
			INFORMATION TEST II (CONTD.)										
#	GROUP	N	MILITARY	ACCTG, BUS, SALES	PRACT KNOWL	CLERICAL	BIBLE	COLORS	ETIQUETTE	HUNTING	FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY
			R-138	R-139	R-140	R-141	R-142	R-143	R-144	R-145	R-146	R-147	R-148
523	RELIG WORKER (OTHER)	35	2.029	5.486	3.229	2.571	10.143	1.829	1.314	0.914	0.886	4.714	1.400
531	WRITER (NEC)	28	2.857	5.857	3.429	2.464	9.250	2.393	1.250	1.179	1.000	5.000	1.536
532	FICTION WRITER	5	3.000	6.000	3.400	2.400	10.000	2.200	1.400	1.000	1.200	5.600	1.400
533	NONFIC WRTR (EXC JRNLIST)	5	3.000	6.400	3.800	2.600	12.200	2.800	1.800	0.600	1.400	6.200	2.000
534	JOURNALIST/REPORTER	23	2.739	6.217	3.739	2.696	9.696	2.348	1.565	0.957	0.783	6.000	1.696
536	PUBLISHER, ETC.	4	2.250	4.750	3.500	2.000	7.500	2.250	1.500	0.750	1.500	5.750	1.750
537	EDITOR	10	3.100	6.900	3.500	2.900	10.400	2.400	1.200	1.200	1.200	5.700	1.600
539	TRANSLAT, INTERPR, LINGST	13	2.462	6.231	3.385	2.615	9.923	2.385	1.308	1.077	1.000	6.000	1.615
541	FINE ARTS	42	2.452	5.595	3.405	2.310	9.048	2.333	1.429	1.214	1.143	5.214	1.500
545	COMM ARTIST	35	2.143	5.200	3.286	2.314	8.114	2.371	1.286	1.143	0.914	5.400	1.429
547	DESIGNER (CONS GDS)	3	4.333	7.333	3.667	3.000	10.667	3.000	2.000	1.667	0.333	7.000	2.333
551	MUSICIAN	7	2.857	5.714	3.429	2.286	9.429	2.714	1.571	1.286	1.286	5.000	1.429
552	SINGER	13	2.462	5.077	2.923	2.231	9.231	1.846	0.923	1.154	1.308	4.308	1.615
559	MUSIC-RELATED (MISC)	2	1.500	4.000	3.500	2.500	9.000	3.000	1.500	2.000	2.000	6.500	2.000
560	DANCER, CHOREOG	12	2.000	4.500	3.167	2.167	6.333	2.083	1.250	1.083	0.667	5.250	1.417
571	ACTOR	8	1.500	3.875	3.250	2.500	8.875	1.500	1.000	0.875	1.250	5.125	1.875
572	THEATRICAL DIRECTING	2	1.500	5.500	3.500	3.000	9.500	2.000	2.000	0.0	1.000	4.000	1.500
575	THEATRE (OTHER)	11	2.182	5.182	3.091	2.000	7.909	2.000	.091	1.364	0.455	5.455	1.636
579	MISC PERF ARTS	3	2.000	4.667	4.000	3.000	7.667	1.667	.667	1.000	0.667	3.000	1.667
581	MODEL	8	2.250	5.125	3.500	2.250	6.750	2.375	1.625	1.125	1.375	3.250	1.250
611	PRO ATHLETE	2	1.500	3.000	3.500	2.000	6.500	2.500	1.500	0.500	0.500	5.000	1.500
621	RECREATION DIR	8	2.375	4.250	3.250	2.375	6.875	1.625	1.625	1.125	1.000	4.875	1.875
631	FARM/RANCH OWNER	3	3.333	4.333	3.333	2.333	5.333	1.667	1.667	1.000	2.333	4.333	1.333
639	FARMING (OTHER)	4	2.250	4.500	2.750	2.250	6.250	1.250	1.250	2.250	1.750	5.500	1.500
661	POLICE (PUBLIC)	5	2.200	6.200	3.200	2.000	5.600	1.600	1.400	1.800	1.200	6.000	1.200
711A	BANKING & FINANCE, I	13	2.077	4.615	3.462	2.308	7.000	1.769	1.154	0.846	1.077	3.692	1.231
711B	BANKING & FINANCE, II	3	3.000	5.333	4.000	3.000	10.333	1.667	1.667	1.667	2.000	6.000	1.333
716	CPA	8	1.875	5.750	3.125	2.875	9.625	2.000	1.375	2.375	1.125	6.375	1.625
717	ACCTANT (EXC CPA)	87	2.103	5.552	3.368	2.586	7.793	1.908	1.299	1.149	1.011	4.632	1.449
721	PURCHASING AGENT	3	1.333	6.667	3.333	2.667	9.000	2.000	1.333	1.000	1.000	6.667	2.000
722	RETAIL BUYER	27	2.185	5.519	3.444	2.481	7.185	1.778	1.407	1.185	1.222	4.667	1.556
724	ADVERTISING	23	2.652	5.043	3.522	2.652	9.739	2.522	1.391	1.348	1.087	5.826	1.652
725	PUBLIC RELATIONS	17	2.765	6.000	3.235	2.235	7.647	2.176	1.353	0.882	0.824	4.412	1.765
726	PERSONNEL ADMIN	21	2.714	5.619	3.714	2.571	10.095	2.095	1.476	1.143	1.048	5.381	1.476
727	APPRAISING/ESTIMATING	16	2.750	5.563	3.563	2.438	9.688	2.188	1.438	1.188	1.625	4.813	1.688
728	LOAN/CREDIT INVESTIG	2	1.500	4.000	3.000	2.500	6.500	1.000	1.500	1.000	1.000	4.000	1.500
730	BUS, MGMT, ADM (NEC)	26	2.346	5.885	3.462	2.654	9.731	2.077	1.308	0.923	0.962	5.038	1.615
732	WHSL/RET TRADE MGMT/MKTG	17	2.412	6.176	3.647	2.588	8.353	2.176	1.176	1.471	1.118	4.882	1.529
738	SUPERVISOR IN BUS	6	1.333	4.500	3.500	2.667	6.833	1.833	1.000	1.500	0.667	4.667	1.333
741	SALESCLERK	36	1.667	3.889	3.056	2.556	6.278	1.306	1.111	1.278	0.694	3.611	1.306
743	STOCKBROKER	2	0.500	5.000	3.500	3.000	5.000	1.500	1.500	0.0	0.500	3.500	2.000
745	REAL EST SLSMAN	5	1.600	5.000	3.400	2.200	6.800	1.200	1.400	0.6	0.800	4.200	1.200
746	INSURANCE SLSMAN	6	1.667	5.000	3.500	2.667	8.833	1.667	1.667	0.333	0.833	5.000	1.667
748	OTHER SLSMAN (NEC)	15	2.200	4.867	3.267	2.600	8.467	1.400	1.133	0.933	1.200	4.933	1.533
751	BOOKKEEPER	100	2.030	5.290	3.220	2.640	7.190	1.580	1.210	1.270	1.230	4.410	1.520
752	TELLER OR BANK CLERK	32	1.875	4.406	3.000	2.281	6.344	1.594	1.063	1.219	1.313	4.500	1.469
753	CASHIER	6	1.833	3.833	3.167	2.333	5.333	1.833	1.167	1.667	1.167	3.667	1.167
755	MISC ACCT RECDG	46	1.891	4.739	3.478	2.370	6.870	1.587	1.065	1.087	1.239	4.500	1.587
756	KEYPUNCH OP	69	1.928	4.580	3.145	2.565	7.232	1.594	1.014	1.174	0.913	4.507	1.406
757	KEYPUNCH INSTRUC	3	1.333	5.000	3.000	1.667	6.000	1.333	0.667	0.667	0.0	3.333	1.333
758	COMPUTER OP	57	1.912	5.035	3.211	2.421	7.333	1.719	1.158	0.895	0.982	4.439	1.333
761	SECRETARY (NEC)	851	2.033	5.000	3.278	2.613	7.254	1.806	1.164	1.103	1.054	4.553	1.420
762	SECRETARY-BOOKKEEPER	26	1.731	5.346	3.269	2.577	7.654	2.077	1.077	1.308	0.923	4.500	1.462
763	MED/DENT SECRETARY	39	2.128	5.513	3.359	2.487	7.564	1.692	1.179	1.282	1.179	4.897	1.436
764	LEGAL SECRETARY	45	1.889	5.422	3.378	2.667	6.578	1.933	1.333	1.356	1.156	4.289	1.356
765	STENO, CRT REPRTR	48	2.271	5.083	3.292	2.792	7.042	1.875	1.146	1.313	1.000	4.500	1.500
766	TYPIST, CLRK TYPIST	68	1.824	4.059	3.015	2.176	6.706	1.824	1.044	1.015	1.015	3.956	1.382
769	CLERK (MISC)	99	1.758	4.444	3.212	2.465	7.081	1.495	1.030	1.000	1.030	4.010	1.414
771	OFFICE SUPERVISOR	18	2.722	5.833	3.611	2.722	8.222	1.778	1.222	1.333	1.056	4.500	1.500
772	OFFICE MANAGER	14	1.643	4.500	3.357	2.429	7.786	1.571	1.214	1.286	1.643	5.429	1.643
781	PHONE, PBX OP	21	1.286	3.952	3.238	2.524	7.143	1.476	1.286	1.143	1.238	4.048	1.333
789	OTHER "PUB CONT" OCCS	38	2.079	4.816	3.342	2.342	7.500	2.026	1.263	1.132	0.868	4.211	1.342
791	RADIO, TELEGR, TELETYPE OP	6	3.000	5.500	3.333	2.667	8.500	1.833	1.333	1.167	1.167	4.500	1.333
797	MISC CLERICAL	25	2.360	4.920	3.200	2.280	6.360	1.680	1.080	1.160	1.000	4.480	1.320
798	MISC ADMINISTRATIVE	14	2.214	6.143	3.357	2.571	9.786	2.071	1.429	1.143	1.071	5.143	1.429
810	ELECTRICIAN	2	2.500	5.500	2.500	2.500	9.500	0.500	1.000	1.000	0.500	4.000	1.000
811	ELECTRONIC TECH	2	0.0	4.500	3.000	2.000	5.500	1.500	1.500	1.500	1.000	1.500	1.000
853	AUTO, BUS, TRUCK DRIVER	2	3.500	6.000	3.500	2.000	7.500	1.500	1.000	0.500	1.000	6.000	1.000
861	PRINTING TRADES	5	1.400	5.000	3.400	2.400	9.400	2.200	1.800	1.800	1.200	5.200	1.200
864	DRAFTSMAN	4	1.250	4.000	3.250	2.000	8.500	1.250	1.250	0.750	1.000	5.000	1.250
865	PHOTOGRAPHY	11	2.455	5.727	3.636	2.636	8.545	2.364	1.364	1.545	1.000	5.455	1.545
866	INTERIOR DECORATOR	31	2.097	5.129	3.323	2.258	8.129	2.129	1.323	1.355	1.032	4.484	1.516
868	CLTHNG & FASHN TRADES	41	1.756	4.488	3.073	2.268	6.463	1.512	1.098	1.268	0.829	4.098	1.341
871	DIETITIAN	17	3.118	6.118	3.529	2.294	10.647	2.059	1.471	0.882	1.412	5.412	1.529
872	HOME ECONOMIST	35	2.343	5.486	3.343	2.257	9.457	2.143	1.457	1.486	1.143	5.286	1.514
873	AIRLINE STEWARD, STEWARDESS	23	2.174	4.609	3.652	2.652	7.478	2.043	1.261	1.174	1.000	5.435	1.435
881	FOOD & BEVERAGE PREP	8	1.500	3.500	2.375	2.125	5.375	1.000	0.875	1.000	1.000	3.375	1.500
891	MISC PERSONAL SERV	23	2.000	4.130	2.652	2.217	5.652	1.522	0.696	0.870	1.000	3.348	1.087
893	HAIRDRESSER	201	1.647	4.174	2.980	2.313	6.627	1.592	1.104	1.060	1.045	4.109	1.319
894	PRACTICAL NURSE	168	1.958	4.244	3.083	2.351	7.369	1.518	1.137	1.190	1.089	4.549	1.345
895	NURSES' AIDE	17	2.176	3.588	2.588	2.294	6.765	1.000	0.941	0.882	0.647	3.412	1.471
899	GENERAL LABORER	62	1.694	3.806	2.758	2.113	6.629	1.323	0.823	1.081	1.048	3.323	1.258
	TOTAL	15423	2.139	5.118	3.320	2.468	7.843	1.951	1.263	1.146	1.055	4.757	1.452

TABLE 1.2 (continued)

#	GROUP	N	STANDARD DEVIATIONS INFORMATION TEST II (CONTD.) MILITARY	ACCTG, BUS, SALES	PRACT KNOWL	CLERICAL	BIBLE	COLORS	ETIQUETTE	HUNTING	FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY
			R-138	R-139	R-140	R-141	R-142	R-143	R-144	R-145	R-146	R-147	R-148
523	RELIG WORKER (OTHER)	35	1.175	1.915	0.690	0.608	2.830	0.822	0.583	0.853	0.718	1.467	0.553
531	WRITER (NEC)	29	1.239	1.840	0.634	0.637	2.952	0.786	0.799	1.188	1.018	1.866	0.508
532	FICTION WRITER	5	2.000	2.550	0.894	0.894	4.528	0.447	0.548	1.225	0.837	1.817	0.548
533	NONFIC WRTR (EXC JRNLIST)	5	2.000	2.074	0.447	0.894	1.643	0.447	0.447	0.548	0.894	1.095	0.0
534	JOURNALIST/REPORTER	23	1.096	1.242	0.449	0.559	3.267	0.832	0.662	0.767	0.902	1.595	0.559
536	PUBLISHER, ETC.	4	0.500	2.062	0.577	1.155	1.915	0.500	0.577	0.957	0.577	0.957	0.957
537	EDITOR	10	1.287	1.524	0.527	0.316	3.062	0.843	0.632	0.789	1.135	1.767	0.516
539	TRANSLAT, INTERPR, LINGST	13	1.391	1.423	0.961	0.506	3.148	0.506	0.751	1.320	1.080	1.354	0.650
541	FINE ARTS	42	1.064	1.547	0.701	0.780	3.327	0.754	0.668	1.048	0.899	1.760	0.552
545	COMM ARTIST	35	1.033	1.907	0.667	0.718	3.140	0.731	0.750	0.879	0.887	1.519	0.502
547	DESIGNER (CONS GDS)	3	1.528	1.155	0.577	0.0	0.577	0.0	0.0	1.528	0.577	1.732	0.577
551	MUSICIAN	7	1.464	1.799	0.787	0.756	2.637	0.488	0.535	0.951	0.756	1.826	0.976
552	SINGER	12	1.330	1.801	1.115	0.927	2.920	1.144	0.641	0.899	1.032	1.888	0.506
559	MUSIC-RELATED (MISC)	2	0.707	0.0	0.707	0.707	1.414	0.0	0.707	1.414	1.414	0.707	0.0
560	DANCER, CHOREOG	12	0.739	1.784	0.389	0.718	3.420	0.793	0.754	0.793	0.888	1.913	0.669
571	ACTOR	8	0.926	1.356	0.463	0.756	4.549	0.926	0.756	0.835	0.886	1.246	0.354
572	THEATRICAL DIRECTING	2	0.707	0.707	0.707	0.0	3.536	0.0	0.0	0.0	1.414	0.0	0.707
575	THEATRE (OTHER)	11	1.328	1.250	0.701	0.894	3.780	0.894	0.539	1.027	0.522	1.440	0.505
579	MISC PERF ARTS	3	1.000	0.577	0.0	0.0	0.577	0.577	0.577	1.000	0.577	1.000	0.577
581	MODEL	8	1.165	1.959	0.756	0.886	2.188	0.916	0.518	0.835	0.744	1.753	0.707
611	PRO ATHLETE	2	0.707	1.414	0.707	0.0	2.121	0.707	0.707	0.707	0.707	0.0	0.707
621	RECREATION DIR	8	1.061	2.252	0.463	0.744	3.182	1.061	0.518	1.727	1.309	1.885	0.641
631	FARM/RANCH OWNER	3	1.528	3.055	1.155	0.577	2.082	0.577	0.577	1.000	1.155	0.577	0.577
639	FARMING (OTHER)	4	1.258	1.732	1.258	0.957	1.709	0.500	0.957	1.258	1.258	1.291	0.577
661	POLICE (PUBLIC)	5	1.095	1.304	0.837	0.707	2.074	0.548	0.548	1.095	0.837	1.581	0.447
711A	BANKING & FINANCE, I	13	1.115	1.938	0.519	0.855	2.550	1.092	0.987	0.555	0.954	1.601	0.599
711B	BANKING & FINANCE, II	3	1.732	0.577	0.0	0.0	2.082	0.577	0.577	1.528	2.000	2.000	0.577
716	CPA	8	0.835	1.753	1.356	0.354	2.925	1.195	0.744	1.061	1.126	1.598	0.518
717	ACCTANT (EXC CPA)	27	1.249	1.847	0.684	0.620	3.362	0.936	0.667	0.971	0.896	1.608	0.566
721	PURCHASING AGENT	3	1.155	1.155	0.577	0.577	4.583	0.0	0.577	0.0	1.000	1.528	0.0
722	RETAIL BUYER	27	1.111	1.626	0.698	0.580	3.151	1.086	0.572	1.001	0.892	2.184	0.577
724	ADVERTISING	23	1.265	1.665	0.593	0.573	3.292	0.665	0.583	0.982	0.900	1.696	0.487
725	PUBLIC RELATIONS	17	1.147	1.275	0.752	0.903	2.597	0.809	0.702	0.857	0.728	1.583	0.437
726	PERSONNEL ADMIN	21	1.419	1.936	0.561	0.870	2.737	0.768	0.750	1.108	1.071	1.936	0.602
727	APPRAISING/ESTIMATING	16	1.571	1.548	0.512	0.892	3.610	0.750	0.629	1.109	1.147	1.424	0.602
728	LOAN/CREDIT INVESTIG	2	0.707	2.828	0.0	0.707	6.364	1.414	0.707	0.0	1.414	1.414	0.707
730	BUS, MGMT, ADM (NEC)	24	1.164	1.336	0.647	0.562	3.365	0.845	0.679	0.891	0.871	1.708	0.496
732	WHSL/RET TRADE MGMT/MKTG	17	1.121	1.776	0.606	0.619	2.805	0.883	0.728	1.007	0.928	1.495	0.624
738	SUPERVISOR IN BUS	6	1.033	1.871	0.837	0.816	3.971	0.753	0.894	1.378	0.816	2.338	0.816
741	SALESCLERK	36	1.069	1.968	0.860	0.695	3.029	0.822	0.785	0.914	0.786	1.517	0.856
743	STOCKBROKER	2	0.707	1.414	0.707	0.0	0.0	0.707	0.707	0.0	0.707	2.121	0.0
745	REAL EST SLSMAN	5	0.548	1.225	0.548	0.837	4.266	0.447	0.894	0.837	1.095	1.581	0.837
746	INSURANCE SLSMAN	6	1.366	0.894	0.548	0.516	2.563	1.033	0.516	1.169	1.169	1.789	0.516
748	OTHER SLSMAN (NEC)	15	1.146	2.356	0.704	0.632	3.758	0.828	0.743	[illegible]	1.082	1.486	0.640
751	BOOKKEEPER	100	1.159	1.849	0.799	0.628	2.662	0.878	0.743	1.004	0.952	1.505	0.577
752	TELLER OR BANK CLERK	32	1.129	1.434	0.762	0.772	2.936	0.979	0.669	0.906	0.896	1.685	0.621
753	CASHIER	6	1.329	1.722	0.408	1.033	2.066	0.753	0.753	1.211	1.169	1.366	0.408
755	MISC ACCT RECDG	46	1.251	1.971	0.658	0.853	3.739	0.748	0.680	0.915	0.848	1.847	0.652
756	KEYPUNCH OP	63	1.298	1.640	0.753	0.675	3.044	0.975	0.675	0.890	0.818	1.820	0.626
757	KEYPUNCH INSTRUC	3	1.155	2.646	0.0	1.155	1.000	1.155	1.155	1.155	0.0	3.055	1.155
758	COMPUTER OP	57	1.286	1.861	0.818	0.731	3.124	0.940	0.774	0.699	1.026	1.659	0.715
761	SECRETARY (NEC)	851	1.174	1.859	0.733	0.630	3.083	0.913	0.712	0.905	0.937	1.661	0.626
762	SECRETARY-BOOKKEEPER	25	1.116	1.917	0.778	0.758	3.566	0.891	0.845	0.884	1.017	1.421	0.582
763	MED/DENT SECRETARY	30	1.056	1.958	0.668	0.721	3.102	0.950	0.644	0.999	1.048	1.353	0.598
764	LEGAL SECRETARY	45	0.982	1.852	0.650	0.603	2.840	1.009	0.603	0.957	0.903	1.996	0.645
765	STENO, CRT REPRTR	48	1.317	1.820	0.713	0.410	3.543	0.914	0.743	1.151	0.923	1.637	0.684
766	TYPIST, CLRK TYPIST	49	1.196	1.744	0.801	0.845	3.283	1.021	0.700	0.954	0.970	1.856	0.574
769	CLERK (MISC)	99	1.070	1.955	0.812	0.690	3.235	0.908	0.775	0.821	0.952	1.529	0.639
771	OFFICE SUPERVISOR	19	1.364	1.654	0.502	0.461	2.625	0.808	0.647	1.029	1.162	1.339	0.618
772	OFFICE MANAGER	14	1.082	1.951	0.842	0.756	2.486	0.938	0.699	0.914	1.336	1.604	0.633
781	PHONE, PBX OP	21	0.956	1.987	0.768	0.680	2.330	0.814	0.717	0.910	0.944	1.717	0.730
789	OTHER "PUB CONT" OCCS	38	1.239	1.557	0.708	0.627	2.669	0.915	0.760	0.963	0.844	1.379	0.745
791	RADIO, TELEGR, TELETYPE OP	6	1.673	2.168	0.516	0.516	1.871	1.329	0.516	0.983	0.753	1.378	0.516
797	MISC CLERICAL	25	1.469	1.956	0.764	0.891	3.040	0.900	0.702	1.106	0.957	1.759	0.748
798	MISC ADMINISTRATIVE	14	0.893	1.657	0.745	0.646	3.599	0.917	0.756	1.099	0.917	1.791	0.514
810	ELECTRICIAN	2	2.121	3.536	0.707	0.707	2.121	0.707	0.0	0.0	0.707	4.243	0.0
811	ELECTRONIC TECH	2	0.0	2.121	0.0	0.0	0.707	0.707	0.707	0.707	0.0	0.707	0.0
853	AUTO, BUS, TRUCK DRIVER	2	2.121	1.414	0.707	0.0	4.950	0.707	0.0	0.707	0.0	0.0	1.414
861	PRINTING TRADES	5	1.517	1.225	0.894	0.894	2.302	0.837	0.447	1.643	0.837	1.483	0.447
864	DRAFTSMAN	4	0.957	1.633	0.509	0.816	2.646	1.500	0.500	1.500	0.816	1.155	0.957
865	PHOTOGRAPHY	11	1.214	1.348	0.674	0.505	1.809	0.809	0.674	0.820	0.775	1.440	0.688
866	INTERIOR DECORATOR	31	1.375	1.522	0.748	0.729	3.233	0.806	0.653	0.985	1.110	1.610	0.570
868	CLTHNG & FASHN TRADES	41	1.241	2.135	0.877	0.807	3.688	0.978	0.800	0.975	0.834	1.758	0.728
871	DIETITIAN	17	1.409	1.833	0.514	0.849	2.499	0.899	0.624	1.111	1.121	1.805	0.624
872	HOME ECONOMIST	35	1.413	1.821	0.591	0.657	3.329	0.944	0.741	0.981	0.944	1.994	0.612
873	AIRLINE STEWARD, STEWARDESS	23	1.029	1.672	0.487	0.647	2.968	0.976	0.810	1.072	1.128	1.273	0.590
881	FOOD & BEVERAGE PREP	9	1.309	1.773	1.061	0.835	2.446	0.756	0.835	0.756	0.926	1.598	[illegible]
891	MISC PERSONAL SERV	23	1.168	1.632	1.071	0.736	2.870	0.790	0.635	0.548	0.853	1.695	[illegible]
893	HAIRDRESSER	201	1.144	1.692	0.842	0.712	3.146	0.907	0.738	0.952	0.918	1.539	0.631
894	PRACTICAL NURSE	158	1.186	1.783	0.871	0.727	3.165	0.928	0.717	0.889	0.972	1.842	0.657
895	NURSES' AIDE	17	1.185	1.502	1.004	0.686	3.527	0.866	0.748	0.697	0.606	2.002	0.717
899	GENERAL LABORER	42	1.249	1.974	1.082	0.870	2.910	0.825	0.690	1.091	0.965	1.617	0.700
	TOTAL	15423	1.245	1.876	0.754	0.708	3.267	0.929	0.707	0.932	0.933	1.751	0.630

TABLE 1.2 (continued)

#	GROUP	N	MEANS										
			INFORMATION TEST II (CONTD.)									ENGLISH TEST	
			GAMES (SEDEN)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS	DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION
			R-149	R-150	R-151	R-152	R-162	R-211	R-212	R-220	R-231	R-232	R-233
000	NO ANSWER	1522	1.978	4.521	1.434	4.439	5.984	9.334	12.319	15.876	10.172	29.843	18.378
001	DON'T KNOW	166	2.066	5.133	1.711	4.886	6.590	9.223	14.289	17.151	10.795	30.783	19.602
010	HOUSEWIFE	6156	2.090	4.832	1.607	4.655	6.396	9.505	13.062	17.074	10.627	30.531	19.555
020	NO SPEC INCOME JOB	4	3.250	5.250	2.250	4.750	7.750	11.000	17.750	20.250	13.500	30.250	22.000
101	EXECUTIVE (NEC)	2	3.500	6.000	2.000	4.500	7.500	11.500	13.500	19.500	9.000	30.000	19.000
102	FOREMAN (NEC)	2	1.000	2.500	0.0	3.000	4.000	6.500	9.000	6.000	6.500	22.500	13.500
111	WORK FOR GOVT (NEC)	31	2.097	4.581	1.355	4.871	6.161	9.548	13.839	17.032	10.677	29.516	19.258
112	IN BUS FOR SELF (NEC)	33	2.030	5.152	1.818	4.848	6.636	9.727	12.212	17.030	10.212	28.879	19.636
120	IND, BUS, COMM (NEC)	26	2.038	4.192	1.308	4.154	5.462	10.192	12.962	16.923	10.692	30.308	19.192
121	RETAIL (NEC)	2	2.000	5.500	2.500	4.000	7.500	7.000	10.000	21.500	12.500	31.000	23.500
122	TRANSPORTATION (NEC)	6	2.500	5.167	1.333	4.833	6.333	10.167	12.500	15.500	10.000	29.667	19.833
123	REAL ESTATE (NEC)	5	2.800	4.600	2.000	5.400	6.200	10.000	13.600	22.800	10.800	31.600	20.200
124	INSURANCE (NEC)	7	1.571	4.286	1.286	5.000	7.143	10.143	11.143	19.286	9.857	30.857	16.857
125	ELECTRONICS (NEC)	2	2.500	2.000	0.0	4.000	4.000	7.000	8.500	12.000	10.500	32.000	19.000
140	"WORK WITH PEOPLE" (NEC)	2	3.000	3.500	1.000	3.000	6.000	9.000	8.500	11.500	7.500	31.000	17.500
141	"WORK W CHILDREN" (NEC)	7	1.857	3.714	1.286	4.286	6.571	9.143	11.714	13.571	9.857	29.714	17.429
211	MATH, STAT	20	2.900	5.950	2.050	6.100	7.600	11.800	17.850	19.900	12.000	31.400	23.700
221	SYSTEMS ANALYST	14	2.571	5.643	2.429	5.500	7.286	10.429	17.643	21.357	11.214	29.786	22.643
222	COMPUTER PROGRAMMER	53	2.811	5.755	2.245	5.585	7.642	10.340	16.566	20.075	11.642	31.396	21.830
229	COMPUTER SPEC (NEC)	4	2.250	5.000	2.000	5.000	7.500	8.500	12.250	20.000	12.750	31.000	22.500
230	PHYSICAL SCI (NEC)	3	2.333	4.333	1.333	4.667	7.667	10.333	12.000	19.333	13.000	30.667	20.667
231	CHEMIST	15	2.533	6.133	1.800	6.267	7.400	10.733	15.333	20.467	11.733	31.667	23.533
299	PHYS SCI, LAB TECH	29	2.276	5.138	1.655	5.069	7.069	10.483	13.897	17.448	10.724	30.034	18.931
310	BIOLOGIST, ZOOLOGIST	20	2.850	5.850	2.000	5.600	8.200	10.750	17.200	21.950	11.500	29.350	22.200
315	PHARMACOLOGIST	4	3.250	6.000	2.500	6.500	7.500	9.750	12.500	19.250	12.750	32.500	24.000
316	MICROBIOLOGIST	13	2.846	6.154	2.308	6.462	7.846	11.000	16.615	22.846	11.923	30.923	22.692
317	BIOCHEMIST	8	2.500	6.625	2.375	5.125	7.500	10.500	17.375	20.125	12.000	32.500	23.750
319	OTHER CHEM SCI	3	1.667	4.667	0.667	4.667	6.667	9.667	14.333	11.667	10.000	30.333	19.333
329	MD-OTHER	8	3.500	6.375	1.750	5.625	8.250	9.875	16.250	20.250	13.000	31.750	22.750
333	VETERINARIAN	2	2.000	7.000	2.000	6.000	7.000	13.500	18.000	21.500	13.000	30.500	23.000
335	PHARMACIST	14	2.643	6.000	2.214	6.000	7.500	11.143	14.571	20.214	12.357	31.714	22.571
337	RN	531	2.232	5.499	1.851	5.360	7.272	10.272	15.369	19.168	11.531	31.132	21.503
341	DENTAL HYGIENIST	32	2.438	5.844	2.094	5.406	7.000	10.219	14.563	20.531	11.531	30.125	20.469
343	PHYSICAL THERAPIST	16	2.813	6.250	2.000	5.500	7.625	10.125	16.813	21.875	11.063	31.8[illegible]	22.500
344	OCCUPATIONAL THERAP	13	2.308	6.000	2.077	5.846	8.385	10.769	17.385	22.462	12.154	32.[illegible]	23.692
346	SPEC THERAP (MISC)	15	1.933	6.200	2.000	5.933	7.600	10.333	17.000	22.067	12.333	32.[illegible]	23.267
347	MED/DENT TECHNOLOGIST	93	2.344	5.624	1.925	5.505	7.258	10.247	15.634	19.548	11.495	31.[illegible]	21.602
348	MED/DENT TECHNICIAN	138	2.145	4.949	1.906	4.732	6.514	9.362	12.884	16.341	10.116	30.[illegible]	18.746
360	PSYCHOLOGIST	47	2.745	6.426	2.426	5.979	7.830	11.426	18.234	21.617	12.574	31.660	22.872
369	PSYCH RES ASST	3	2.667	5.667	3.333	5.667	7.667	10.000	21.333	20.333	12.000	32.667	22.333
370	SOCIAL WORKER	177	2.292	5.701	2.153	5.373	7.292	10.164	14.808	19.407	11.469	31.130	21.41[illegible]
371	PSYCHIATRIC SOC WRKER	12	2.583	5.583	2.083	5.583	6.750	10.583	15.750	19.833	11.333	30.917	22.083
372	COUNSELING/GUIDANCE	12	2.917	5.750	1.[illegible]33	5.333	6.833	9.083	13.833	18.333	10.750	31.250	21.333
373	VOC/ED GUIDANCE	40	2.325	5.975	1.975	5.650	7.650	11.025	16.800	22.900	12.125	31.625	22.850
382	ECONOMIST	2	2.000	5.500	1.000	4.000	8.500	10.500	14.000	22.000	12.000	31.500	22.500
383	SOCIOLOGIST	2	2.000	5.000	1.500	3.500	5.500	9.500	14.500	17.500	11.000	31.000	18.500
384	ANTHROPOLOGIST	4	2.250	7.000	3.250	6.000	8.250	11.500	15.250	21.750	13.000	31.000	22.500
389	SOCIAL SCI (MISC)	6	2.333	5.833	2.167	5.833	7.333	11.167	20.167	23.167	13.500	31.500	23.000
391	POLITICIAN	5	2.800	6.400	2.600	5.800	7.200	11.800	15.600	21.600	10.200	30.200	21.200
392	DIPLOMAT	3	2.333	5.667	2.333	5.667	8.333	8.000	14.000	17.000	11.333	31.667	22.667
393	LAWYER	11	3.455	7.455	2.727	[illegible]	9.545	12.000	17.636	25.091	12.545	32.000	22.455
394	MARKET ANALYST	3	2.000	6.667	3.333	5.000	8.333	12.333	17.000	19.667	11.667	31.000	22.667
398	CITY PLANNER (NEC)	3	4.000	7.333	3.000	7.667	9.000	11.667	20.667	23.333	12.667	32.000	26.333
400	TEACHER (NEC)	1326	2.299	5.697	1.907	5.413	7.247	10.259	15.662	19.559	11.743	31.303	21.700
410	TCHNG YNG CHILDREN	10	2.000	5.600	1.600	5.600	7.000	9.200	15.200	19.600	9.000	31.400	21.100
411	TCHNG PRESCH CHILDREN	30	2.233	5.967	2.200	5.300	7.033	9.100	14.467	17.667	10.567	30.667	20.233
412	TEACHER-ELEM	616	2.255	5.568	1.934	5.291	7.050	9.971	15.030	18.904	11.519	31.237	21.221
420	TEACHER-HS (NEC)	81	2.259	5.728	1.926	5.568	7.457	10.951	15.716	20.148	11.457	31.185	22.123
421	TEACHER-HS MATH	36	2.611	5.556	1.583	5.583	7.583	10.500	17.167	19.250	12.028	31.611	23.250
422	TEACHER-HS SCIENCE	30	2.567	5.633	1.967	5.667	7.800	11.467	18.333	20.767	11.667	31.767	23.167
423	TEACHER-HS SOC STUD	54	2.574	6.204	1.741	5.907	7.611	10.296	15.056	19.296	11.315	31.222	21.574
424	TEACHER-ENGLISH	132	2.470	6.093	2.106	5.841	7.523	10.720	16.652	21.386	12.439	31.485	22.864
425	TEACHER-FOREIGN LANG	46	2.587	5.761	2.109	5.717	7.587	11.283	18.217	22.348	12.522	31.826	23.283
426	TEACHER-COMM ED	57	1.947	4.895	1.667	4.947	6.877	9.684	14.263	17.404	11.386	31.035	20.456
427	TEACHER-HS HOME EC	68	2.088	5.265	1.868	5.221	6.750	10.206	15.176	16.662	10.926	31.250	21.132
428	TEACHER-TRADES	4	3.250	5.000	2.750	6.500	7.750	9.000	13.750	17.500	11.500	32.000	22.000
429	TEACHER-PHYS ED	59	2.237	5.085	1.644	4.949	6.797	9.983	15.169	19.492	10.847	31.034	20.610
431	TEACHER-ART	50	2.380	5.960	2.180	5.580	7.680	10.560	15.640	19.080	11.560	31.640	21.640
432	TEACHER-MUSIC	65	2.200	5.277	1.877	5.231	6.846	10.231	14.969	19.892	12.031	31.200	22.015
440	TEACHER-HANDICAPPED	70	2.500	6.229	2.071	5.343	7.257	9.943	14.986	20.143	11.471	31.214	21.271
441	SPEECH THERAPIST	39	2.128	6.231	2.205	5.487	7.462	9.692	14.282	19.154	11.539	31.564	20.718
450	SCHOOL ADM (EXC COLL)	5	1.600	5.000	1.800	5.000	6.400	10.800	12.400	18.000	10.400	32.400	20.800
460	COLL/UNIV TCHR (NEC)	107	2.692	6.159	2.252	6.000	7.701	10.636	16.439	20.636	12.084	31.542	22.000
461	COLL/UNIV TCHR-MATH	10	3.000	6.000	1.800	6.100	7.900	10.200	17.100	21.600	11.900	31.100	23.300
462	COLL/UNIV TCHR-SCIENCE	17	3.294	7.059	2.294	7.118	8.412	11.235	18.353	22.000	12.471	32.353	24.059
463	COLL/UNIV TCHR-SOC SCI	16	2.625	6.250	2.250	6.063	7.938	10.250	18.250	22.250	12.750	32.250	23.313
464	COLL/UNIV TCHR-ENGLISH	32	2.500	6.625	2.406	6.094	8.438	10.750	16.938	22.469	12.469	31.594	23.875
465	COLL/UNIV TCHR-FOR LANG	19	3.053	6.263	2.421	6.158	9.316	11.947	19.368	25.053	13.158	31.895	24.000
470	COLL/UNIV TCHR-ADM	4	3.750	7.250	2.250	5.500	7.500	11.000	17.250	17.250	11.750	31.500	24.000
499	AUX JOBS IN EDUC	3	1.333	3.333	0.667	4.000	4.000	8.667	7.667	10.667	9.000	29.000	14.000
511	LIBRARIAN	77	2.208	5.987	1.974	5.740	7.623	10.299	16.558	19.545	12.052	31.594	22.156
521	CLERGYMAN	7	2.714	6.000	1.857	4.857	9.000	9.286	16.857	15.857	10.714	30.429	19.286
522	MONK, BROTHER, NUN	29	2.276	5.483	2.034	5.448	7.103	9.931	14.793	18.862	11.862	30.793	22.434

TABLE 1.2 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST II (CONTD.)									ENGLISH TEST	
			GAMES (SEDEN)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS	DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION
			R-149	R-150	R-151	R-152	R-162	R-211	R-212	R-220	R-231	R-232	R-233
000	NO ANSWER	1522	1.002	1.830	1.049	1.638	2.030	3.075	5.606	7.134	2.933	3.583	4.428
001	DON'T KNOW	146	1.079	1.870	1.021	1.678	2.006	3.093	5.633	7.092	2.678	2.141	4.070
010	HOUSEWIFE	6148	0.967	1.667	1.010	1.522	1.844	2.990	5.425	6.679	2.598	2.681	3.924
020	NO SPEC INCOME JOB	4	0.500	1.258	0.957	0.957	1.258	2.309	5.315	5.560	1.915	1.708	4.243
101	EXECUTIVE (NEC)	2	0.707	0.0	1.414	2.121	0.707	0.707	7.778	2.121	4.243	0.0	0.0
102	FOREMAN (NEC)	2	0.0	0.707	0.0	2.828	2.828	6.364	8.485	4.243	3.536	12.021	2.121
111	WORK FOR GOVT (NEC)	31	0.978	1.822	1.112	1.565	1.734	3.161	6.614	8.424	3.572	6.223	5.591
112	IN BUS FOR SELF (NEC)	22	0.847	1.906	1.014	1.805	1.747	3.075	5.017	7.269	3.100	6.927	4.788
120	IND, BUS, COMM (NEC)	26	1.076	2.350	1.011	1.870	2.284	2.384	4.368	7.541	2.811	1.517	3.383
121	RETAIL (NEC)	2	0.0	0.707	0.707	0.0	0.707	2.828	4.243	3.536	0.707	1.414	2.121
122	TRANSPORTATION (NEC)	6	0.548	1.941	0.516	1.835	1.033	2.927	5.541	7.714	3.033	2.422	3.061
123	REAL ESTATE (NEC)	5	1.304	1.517	0.707	2.074	1.095	2.449	4.393	4.087	2.168	0.894	4.494
124	INSURANCE (NEC)	7	0.976	1.496	0.951	1.155	1.952	2.795	4.298	8.538	2.610	0.900	4.220
125	ELECTRONICS (NEC)	2	0.707	1.414	0.0	0.0	0.0	1.414	2.121	1.414	3.536	0.0	1.414
140	"WORK WITH PEOPLE" (NEC)	2	0.0	0.707	0.0	0.0	1.414	1.414	0.707	4.950	2.121	0.0	3.536
141	"WORK W CHILDREN" (NEC)	7	0.690	1.496	0.951	1.113	1.988	2.968	3.729	4.353	1.464	2.289	2.370
211	MATH, STAT	22	1.071	1.849	1.099	1.294	1.465	2.745	4.923	6.920	2.271	1.603	2.577
221	SYSTEMS ANALYST	14	1.222	1.865	1.089	1.454	1.637	2.652	4.909	5.652	2.155	8.021	2.499
222	COMPUTER PROGRAMMER	53	1.194	1.592	1.072	1.586	1.287	3.107	5.033	6.180	2.565	1.472	3.251
229	COMPUTER SPEC (NEC)	4	2.217	1.826	0.0	1.414	1.732	2.082	6.551	3.742	1.893	1.826	2.380
230	PHYSICAL SCI (NEC)	3	0.577	1.528	0.577	0.577	1.529	0.577	3.000	3.215	3.606	1.155	1.528
231	CHEMIST	15	1.125	1.407	1.082	1.580	1.502	2.549	5.851	4.486	1.624	0.976	2.200
299	PHYS SCI, LAB TECH	23	1.162	1.827	1.173	1.944	1.510	2.516	6.190	7.307	2.576	2.958	3.891
310	BIOLOGIST, ZOOLOGIST	22	1.182	1.182	0.858	1.465	1.056	2.511	4.372	5.482	3.487	7.450	2.984
315	PHARMACOLOGIST	4	1.258	1.633	1.000	0.577	1.291	3.304	6.758	4.717	3.202	0.577	2.828
316	MICROBIOLOGIST	13	1.281	1.772	0.751	1.450	1.214	2.517	6.090	5.843	2.629	2.178	5.040
317	BIOCHEMIST	9	0.756	0.916	0.744	1.458	1.069	2.268	5.755	6.686	2.204	0.534	2.375
319	OTHER CHEM SCI	3	0.577	3.055	1.155	2.082	1.529	4.041	7.095	8.386	1.732	2.082	4.163
329	MD-OTHER	8	0.926	1.061	0.707	1.506	0.707	3.758	6.296	3.284	2.070	0.707	3.955
333	VETERINARIAN	2	0.0	1.414	1.414	1.414	1.414	0.707	1.414	3.536	0.0	2.121	1.414
335	PHARMACIST	14	0.842	1.359	0.893	1.109	1.225	1.916	5.707	5.605	2.977	0.825	2.593
337	RN	531	0.999	1.425	1.104	1.265	1.357	2.919	5.281	5.758	2.345	2.721	3.053
341	DENTAL HYGIENIST	32	1.134	1.505	0.856	1.292	1.391	3.617	5.908	6.247	2.984	5.655	4.642
343	PHYSICAL THERAPIST	16	0.834	1.000	0.966	1.265	1.500	2.872	3.619	5.999	2.048	0.885	2.449
344	OCCUPATIONAL THERAP	12	0.630	1.291	1.038	0.689	0.506	1.739	3.885	4.875	2.115	0.707	1.601
346	SPEC THERAP (MISC)	15	0.961	1.014	1.134	1.387	1.454	2.845	5.542	5.007	1.759	0.884	3.150
347	MED/DENT TECHNOLOGIST	93	0.984	1.481	0.900	1.282	1.268	2.640	5.103	6.258	2.325	3.421	3.343
348	MED/DENT TECHNICIAN	133	0.986	1.740	0.943	1.526	1.710	3.139	5.500	6.645	2.705	4.033	4.355
360	PSYCHOLOGIST	47	1.170	1.229	0.903	1.310	1.204	2.420	5.341	6.533	2.465	0.939	2.779
369	PSYCH RES ASST	3	2.082	1.528	0.577	0.577	0.577	1.732	3.055	4.163	1.000	0.577	1.155
370	SOCIAL WORKER	177	0.988	1.727	0.968	1.468	1.668	2.837	5.238	6.438	2.699	1.722	3.250
371	PSYCHIATRIC SOC WRKER	12	1.084	1.676	1.084	1.240	1.422	2.875	4.309	6.177	2.348	1.443	2.466
372	COUNSELING/GUIDANCE	12	1.240	1.215	1.240	0.985	1.467	3.059	3.215	6.597	1.960	1.288	3.473
373	VOC/ED GUIDANCE	63	1.141	1.544	0.947	1.442	1.388	2.824	4.751	5.961	2.127	1.234	2.923
382	ECONOMIST	2	1.414	0.707	1.414	0.0	0.707	2.121	0.0	0.0	0.0	0.707	4.950
383	SOCIOLOGIST	2	2.828	4.243	2.121	2.121	3.536	3.536	3.536	2.121	2.828	1.414	0.707
384	ANTHROPOLOGIST	4	0.957	0.816	0.957	0.816	0.957	2.887	6.898	4.717	1.414	0.817	3.873
389	SOCIAL SCI (MISC)	6	1.366	2.401	1.329	1.472	2.658	3.189	3.312	5.636	2.074	1.871	3.033
391	POLITICIAN	5	1.095	0.894	0.894	1.095	1.095	1.483	7.369	8.019	2.775	1.304	4.147
392	DIPLOMAT	3	0.577	0.577	0.577	0.577	0.577	1.732	1.732	3.000	2.082	1.155	2.887
393	LAWYER	11	1.293	0.820	1.069	1.293	0.820	2.720	5.182	3.270	2.296	0.894	2.423
394	MARKET ANALYST	3	0.0	1.528	1.155	0.0	0.577	2.887	4.583	4.163	2.082	1.000	4.933
398	CITY PLANNER (NEC)	3	0.0	1.155	1.000	1.155	0.0	1.528	3.512	6.028	2.082	1.732	1.155
400	TEACHER (NEC)	1326	1.056	1.557	0.990	1.476	1.507	2.883	5.273	6.119	2.417	2.043	3.093
410	TCHNG YNG CHILDREN	10	0.816	1.713	0.966	1.350	1.944	3.327	5.673	6.620	1.700	0.843	4.818
411	TCHNG PRESCH CHILDREN	32	1.104	1.542	0.961	1.442	1.377	2.524	6.124	7.058	2.388	1.647	3.181
412	TEACHER-ELEM	616	0.979	1.602	0.989	1.335	1.585	2.987	5.561	6.097	2.326	1.892	3.492
420	TEACHER-HS (NEC)	91	0.997	1.517	1.046	1.387	1.533	2.962	5.353	7.287	2.651	1.950	3.508
421	TEACHER-HS MATH	36	1.202	1.576	1.052	1.645	1.180	2.635	4.937	6.285	2.184	1.644	2.666
422	TEACHER-HS SCIENCE	20	1.124	1.586	1.167	1.668	1.584	2.432	4.581	6.709	2.123	1.407	3.249
423	TEACHER-HS SOC STUD	54	1.253	1.571	0.994	1.307	1.420	3.260	5.409	6.089	2.272	1.679	2.963
424	TEACHER-ENGLISH	132	0.976	1.519	1.036	1.392	1.339	2.590	5.069	5.930	2.197	2.840	2.498
425	TEACHER-FOREIGN LANG	46	1.002	1.353	0.994	1.440	1.484	2.491	4.371	5.809	2.084	0.973	2.544
426	TEACHER-COMM ED	57	1.059	1.676	1.006	1.596	1.813	3.001	5.132	6.987	2.914	1.871	3.655
427	TEACHER-HS HOME EC	43	0.805	1.608	0.896	1.553	1.790	2.691	5.043	5.853	2.032	1.678	2.785
428	TEACHER-TRADES	4	0.957	1.414	0.500	1.291	1.258	2.708	4.349	5.508	3.697	0.817	1.414
429	TEACHER-PHYS ED	59	0.971	1.557	1.047	1.455	1.808	2.439	5.160	6.428	2.455	1.485	3.439
431	TEACHER-ART	53	1.008	1.384	1.024	1.444	1.406	3.176	4.865	6.758	2.596	1.225	3.128
432	TEACHER-MUSIC	65	1.049	1.709	1.111	1.444	1.688	2.760	5.217	5.871	2.250	1.460	3.110
440	TEACHER-HANDICAPPED	70	1.152	1.466	0.983	1.350	1.259	2.642	5.388	5.549	2.250	1.413	3.097
441	SPEECH THERAPIST	39	1.031	1.180	0.894	1.048	1.295	3.071	6.104	6.302	2.315	0.968	3.634
450	SCHOOL ADM (EXC COLL)	5	1.140	2.000	1.643	2.236	2.408	1.924	6.877	10.677	3.435	0.548	3.347
460	COLL/UNIV TCHR (NEC)	107	1.068	1.455	1.010	1.408	1.416	2.697	5.215	6.258	2.380	1.238	3.744
461	COLL/UNIV TCHR-MATH	10	1.054	1.054	0.789	1.370	0.994	3.645	5.259	2.221	2.644	1.370	2.406
462	COLL/UNIV TCHR-SCIENCE	17	0.985	1.029	0.985	1.054	0.795	1.562	4.936	6.364	2.375	0.702	2.817
463	COLL/UNIV TCHR-SOC SCI	16	1.147	1.653	1.000	1.436	1.181	3.215	4.509	5.422	1.653	0.683	2.651
464	COLL/UNIV TCHR-ENGLISH	32	1.078	1.238	0.837	1.510	0.669	2.436	4.016	5.617	2.229	0.979	2.537
465	COLL/UNIV TCHR-FOR LANG	19	1.177	1.522	0.838	1.463	0.820	3.135	5.659	4.390	1.922	1.150	3.333
470	COLL/UNIV TCHR-ADM	4	0.957	0.957	0.957	1.291	1.732	2.944	5.188	8.958	2.872	1.291	2.944
499	AUX JOBS IN EDUC	3	0.577	2.517	1.155	2.646	2.646	3.215	4.041	12.662	3.606	3.464	6.083
511	LIBRARIAN	77	0.964	1.473	0.959	1.418	1.367	3.121	4.538	5.884	2.350	1.311	3.521
521	CLERGYMAN	7	1.113	1.528	0.690	0.900	1.414	3.450	6.067	7.471	2.984	1.512	5.407
522	MONK, BROTHER, NUN	29	1.162	1.595	0.823	1.121	1.760	2.789	6.032	6.028	2.800	2.289	3.708

TABLE 1.2 (continued)

#	GROUP	N	MEANS										
			INFORMATION TEST II (CONTD.)								ENGLISH TEST		
			GAMES (SEDEN)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS	DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION
			R-149	R-150	R-151	R-152	R-162	R-211	R-212	R-220	R-231	R-232	R-233
523	RELIG WORKER (OTHER)	35	2.200	4.943	1.629	5.114	6.800	9.914	16.086	19.371	11.143	31.029	20.886
531	WRITER (NEC)	28	2.679	6.464	2.643	6.179	7.857	9.286	14.321	20.500	11.964	29.429	21.643
532	FICTION WRITER	5	2.800	6.600	2.600	6.000	7.400	10.200	18.600	19.600	11.600	30.200	21.400
533	NONFIC WRTR (EXC JRNLIST)	5	3.200	7.200	2.800	7.000	9.400	11.000	19.800	26.800	14.000	32.200	23.000
534	JOURNALIST/REPORTER	23	2.609	6.652	2.174	6.174	8.130	11.478	15.522	20.870	12.652	31.739	22.870
536	PUBLISHER, ETC.	4	2.750	5.250	2.250	5.750	6.250	10.750	18.500	20.500	13.500	32.500	23.250
537	EDITOR	10	2.700	7.000	2.300	6.200	9.000	10.900	16.400	25.400	13.600	32.300	23.500
539	TRANSLAT, INTERPR, LINGST	13	2.385	6.308	2.154	6.231	9.077	9.846	18.077	25.385	13.000	31.846	23.846
541	FINE ARTS	42	2.571	5.452	2.000	5.405	7.452	9.690	15.786	20.714	11.286	30.452	21.476
545	COMM ARTIST	35	2.029	5.229	1.743	5.171	7.143	9.686	13.743	18.971	10.543	30.457	20.429
547	DESIGNER (CONS GDS)	3	3.000	8.000	3.667	6.000	8.667	11.667	18.333	27.000	14.000	29.667	24.667
551	MUSICIAN	7	2.714	6.000	2.714	6.571	8.571	11.143	18.143	21.571	11.286	27.143	20.286
552	SINGER	13	1.692	4.846	1.462	4.308	6.462	9.231	13.615	18.846	11.154	30.846	19.615
559	MUSIC-RELATED (MISC)	2	2.500	6.000	3.000	6.500	7.000	11.000	16.500	21.000	13.500	32.000	25.500
560	DANCER, CHOREOG	12	2.333	5.167	1.833	4.667	7.000	9.417	12.167	15.583	10.083	30.083	19.333
571	ACTOR	8	3.000	6.750	1.125	5.375	7.625	10.750	14.875	17.500	10.125	31.000	21.000
572	THEATRICAL DIRECTING	2	2.000	7.000	2.000	6.500	6.500	9.500	17.500	24.000	12.500	31.500	26.000
575	THEATRE (OTHER)	11	1.818	5.727	2.545	4.636	7.636	10.818	13.364	19.455	10.182	30.545	21.455
579	MISC PERF ARTS	3	2.333	7.000	2.000	4.333	8.000	13.000	20.333	23.000	11.000	32.000	20.667
581	MODEL	8	2.000	4.500	2.125	5.125	6.500	10.625	12.375	17.250	9.500	30.375	17.625
611	PRO ATHLETE	2	2.500	5.000	2.000	4.500	5.000	7.000	12.500	16.000	9.000	32.000	19.000
621	RECREATION DIR	8	2.375	5.500	1.875	5.000	6.500	9.125	13.750	17.500	10.000	31.750	18.125
631	FARM/RANCH OWNER	3	1.667	4.333	1.333	3.667	6.333	9.333	12.333	15.667	9.000	29.333	18.667
639	FARMING (OTHER)	4	1.750	4.750	1.750	3.750	6.000	10.750	14.250	13.000	8.250	30.000	16.000
661	POLICE (PUBLIC)	5	2.200	4.600	1.800	4.800	6.200	7.800	15.000	18.600	10.600	24.200	18.800
711A	BANKING & FINANCE, I	13	1.923	4.538	1.462	4.077	5.846	9.231	13.000	15.846	10.000	28.846	18.308
711B	BANKING & FINANCE, II	3	3.667	6.000	2.333	6.000	7.333	9.667	14.000	17.333	9.667	31.667	20.667
716	CPA	8	1.875	5.250	1.875	4.625	6.125	10.250	15.125	14.625	11.750	29.875	19.625
717	ACCTANT (EXC CPA)	87	2.253	4.908	1.540	4.989	6.782	9.356	14.207	17.655	11.023	30.805	20.598
721	PURCHASING AGENT	3	2.000	5.333	1.000	5.000	7.000	9.333	12.667	14.667	12.000	32.000	22.333
722	RETAIL BUYER	27	2.296	5.815	2.111	4.352	7.222	10.259	12.926	17.667	10.667	30.667	20.148
724	ADVERTISING	23	2.435	6.696	2.652	5.696	7.783	10.000	15.739	24.913	11.913	31.522	22.304
725	PUBLIC RELATIONS	17	2.353	6.176	2.294	5.059	7.412	8.941	14.471	19.882	12.059	31.294	20.824
726	PERSONNEL ADMIN	21	2.286	5.762	1.667	5.143	7.571	9.762	15.714	19.333	11.476	31.048	22.000
727	APPRAISING/ESTIMATING	16	2.625	5.563	1.750	5.438	6.875	10.000	14.563	21.625	12.313	31.625	21.000
728	LOAN/CREDIT INVESTIG	2	3.000	4.000	1.500	4.500	5.500	9.500	7.000	14.000	11.500	31.000	15.500
730	BUS, MGMT, ADM (NEC)	26	2.115	5.154	1.654	5.231	7.269	8.462	13.192	18.885	11.038	31.231	20.731
732	WHSL/RET TRADE MGMT/MKTG	17	2.412	5.353	2.000	5.471	7.235	9.824	14.235	21.294	10.412	31.118	19.824
738	SUPERVISOR IN BUS	6	2.167	4.833	1.167	4.167	6.833	10.167	11.167	15.333	9.667	30.833	17.167
741	SALESCLERK	36	2.056	4.250	1.000	4.000	5.417	8.472	11.167	13.472	9.639	29.500	17.139
743	STOCKBROKER	2	2.000	3.500	2.500	5.000	6.500	10.000	16.500	10.500	11.000	33.000	25.000
745	REAL EST SLSMAN	5	1.800	4.200	1.400	4.600	6.800	8.200	10.600	17.400	9.600	31.200	19.400
746	INSURANCE SLSMAN	6	2.333	5.333	1.500	4.500	6.500	7.667	8.833	14.833	9.000	31.833	19.167
748	OTHER SLSMAN (NEC)	15	2.133	4.600	1.733	5.133	6.000	8.933	12.667	18.333	10.467	29.800	19.267
751	BOOKKEEPER	100	2.190	4.750	1.340	4.460	6.380	9.840	13.000	16.330	10.630	30.570	19.200
752	TELLER OR BANK CLERK	32	2.063	3.969	1.156	3.875	5.906	9.125	13.313	13.250	10.125	30.031	19.000
753	CASHIER	6	2.333	3.500	1.500	4.500	4.833	8.500	11.167	19.500	11.667	31.167	21.333
755	MISC ACCT RECDG	46	2.022	4.500	1.478	4.717	5.935	9.109	12.130	17.000	10.087	30.478	19.022
756	KEYPUNCH OP	69	2.217	4.812	1.377	4.739	6.000	9.551	11.348	15.333	9.812	30.217	19.130
757	KEYPUNCH INSTRUC	3	2.667	4.000	1.333	3.667	4.667	9.333	12.667	13.333	7.667	28.000	16.667
758	COMPUTER OP	57	1.825	4.719	1.579	4.193	6.333	9.561	13.018	16.140	10.667	30.368	19.368
761	SECRETARY (NEC)	851	2.053	4.870	1.588	4.766	6.459	9.447	13.269	17.054	11.139	30.761	19.966
762	SECRETARY-BOOKKEEPER	26	2.154	5.231	1.692	4.962	6.769	10.615	14.423	18.000	11.500	30.346	20.731
763	MED/DENT SECRETARY	39	1.821	5.154	1.949	4.692	6.923	10.000	13.615	13.564	10.872	31.051	20.308
764	LEGAL SECRETARY	45	2.222	4.978	1.622	4.800	5.533	9.711	13.467	20.156	11.378	30.622	20.444
765	STENO, CRT REPRTR	48	1.979	5.042	1.458	4.708	5.396	9.563	13.521	19.625	11.479	30.729	19.833
766	TYPIST, CLERK TYPIST	68	1.765	3.941	1.279	4.250	5.618	9.118	12.353	15.000	9.985	29.662	18.515
769	CLERK (MISC)	99	2.061	4.222	1.394	4.475	5.636	9.596	11.747	15.121	10.414	30.162	19.162
771	OFFICE SUPERVISOR	18	2.278	5.000	1.500	5.056	7.056	9.833	13.167	19.333	10.167	30.167	18.722
772	OFFICE MANAGER	14	1.643	4.357	1.500	4.857	6.429	10.500	12.214	19.643	11.000	30.286	21.357
781	PHONE, PBX OP	21	1.571	4.476	1.286	4.048	5.238	8.381	12.048	14.190	10.333	29.810	18.048
789	OTHER "PUB CONT" OCCS	38	2.105	4.868	1.579	4.289	6.158	9.447	12.789	17.500	10.842	30.684	19.737
791	RADIO, TELEGR, TELETYPE OP	6	1.833	4.500	1.500	4.333	7.000	9.000	7.167	13.000	8.167	30.000	19.333
797	MISC CLERICAL	25	1.960	3.920	1.440	4.360	5.040	10.720	12.320	16.520	10.840	30.240	18.160
798	MISC ADMINISTRATIVE	14	2.786	5.500	2.500	5.286	7.286	9.571	15.571	16.214	11.143	31.000	21.857
810	ELECTRICIAN	2	2.500	5.000	1.000	4.500	5.000	8.000	9.500	14.500	10.000	30.000	21.500
811	ELECTRONIC TECH	2	2.000	3.000	0.0	3.500	4.500	7.500	5.000	12.000	4.000	28.500	14.000
853	AUTO, BUS, TRUCK DRIVER	2	3.000	2.500	2.500	4.000	5.500	11.000	13.000	11.500	10.000	31.000	19.000
861	PRINTING TRADES	5	3.000	5.200	2.000	4.800	7.000	9.600	16.400	17.400	10.400	29.800	21.200
864	DRAFTSMAN	4	1.750	4.500	1.500	5.500	5.000	9.250	13.750	13.250	8.000	29.750	15.250
865	PHOTOGRAPHY	11	2.727	4.909	1.455	5.364	7.909	9.091	13.091	19.818	11.545	31.455	21.818
866	INTERIOR DECORATOR	31	1.968	5.516	1.935	4.677	6.613	9.839	15.323	18.065	10.613	30.903	19.839
868	CLTHNG & FASHN TRADES	41	1.683	4.195	1.244	4.098	5.390	9.268	12.561	13.756	9.610	29.683	18.171
871	DIETITIAN	17	2.529	5.647	2.235	5.412	7.294	10.588	17.588	16.353	10.588	31.118	21.235
872	HOME ECONOMIST	35	2.400	5.114	1.629	5.143	6.971	9.743	14.571	17.543	11.114	31.686	21.914
873	AIRLINE STEWARD, STEWARDESS	23	2.348	5.217	1.826	4.957	7.043	9.304	15.217	19.348	11.652	31.391	21.174
881	FOOD & BEVERAGE PREP	8	1.625	3.250	0.375	3.375	5.000	7.750	5.500	9.625	8.000	28.750	13.500
891	MISC PERSONAL SERV	23	1.739	3.957	1.478	4.174	5.652	8.696	10.348	11.478	9.957	29.609	16.739
893	HAIRDRESSER	201	1.861	3.990	1.229	4.119	5.443	8.960	11.139	14.313	9.612	29.796	17.692
894	PRACTICAL NURSE	159	1.923	4.482	1.315	4.610	5.036	8.994	11.274	14.637	9.726	29.768	18.286
895	NURSES' AIDE	17	1.588	3.412	1.353	4.176	5.176	8.471	9.765	10.118	8.706	29.412	16.588
899	GENERAL LABORER	62	1.645	3.516	0.935	3.742	4.742	9.177	10.048	10.903	8.597	28.823	15.839
		15423	2.149	5.047	1.683	4.876	6.608	9.700	13.728	17.642	10.883	30.693	20.338

TABLE 1.2 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST II (CONTD.)									ENGLISH TEST	
			GAMES (SEDEN)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS	DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION
			R-149	R-150	R-151	R-152	R-162	R-211	R-212	R-220	R-231	R-232	R-233
523	RELIG WORKER (OTHER)	35	0.759	1.608	0.877	1.367	1.491	3.697	4.853	6.454	2.756	1.680	3.288
531	WRITER (NEC)	29	1.249	1.347	0.989	1.442	1.113	2.608	3.702	7.136	1.710	8.094	2.947
532	FICTION WRITER	5	1.304	1.342	1.342	1.000	2.510	3.194	5.367	9.762	3.435	3.115	4.930
533	NONFIC WRTR (EXC JRNLIST)	5	1.304	0.447	1.304	0.707	0.894	2.646	4.764	3.493	1.000	0.447	2.915
534	JOURNALIST/REPORTER	23	1.118	1.229	0.778	1.267	1.100	2.983	4.144	4.372	2.328	1.054	2.943
536	PUBLISHER, ETC.	4	0.500	2.217	0.957	0.500	1.500	1.258	6.028	5.447	1.732	0.577	1.258
537	EDITOR	10	1.059	0.943	1.494	1.135	0.667	3.381	5.379	5.147	2.366	0.675	2.068
539	TRANSLAT, INTERPR, LINGST	13	0.650	1.494	0.801	1.092	1.115	3.532	6.525	3.798	2.739	1.144	2.193
541	FINE ARTS	62	1.213	1.928	1.082	1.939	1.685	3.119	5.698	5.496	2.752	4.759	2.848
545	COMM ARTIST	35	0.923	1.374	1.039	1.465	1.593	2.784	5.972	5.909	2.704	2.160	3.559
547	DESIGNER (CONS GDS)	3	1.000	0.0	0.577	0.0	0.577	3.786	4.509	4.359	1.732	2.517	2.309
551	MUSICIAN	7	0.756	1.414	0.756	0.976	0.535	3.132	5.146	10.565	6.211	12.034	9.429
552	SINGER	12	1.109	2.410	1.127	1.251	2.145	3.270	4.976	5.655	2.444	1.994	3.525
559	MUSIC-RELATED (MISC)	2	0.707	1.414	0.0	0.707	0.0	5.657	0.707	9.899	3.536	1.414	2.121
560	DANCER, CHOREOG	12	0.888	1.467	1.193	1.435	1.477	2.539	5.718	5.518	2.392	2.021	4.119
571	ACTOR	8	0.926	1.165	1.246	0.518	0.916	2.605	5.668	6.568	1.808	2.070	3.625
572	THEATRICAL DIRECTING	2	0.0	0.0	1.414	0.707	0.707	1.414	9.192	2.828	0.707	0.707	1.414
575	THEATRE (OTHER)	11	0.982	1.849	1.036	1.502	1.120	2.750	7.215	8.407	2.786	1.968	4.569
579	MISC PERF ARTS	3	1.528	1.000	1.000	0.577	1.000	1.000	4.041	4.359	1.000	1.000	0.577
581	MODEL	8	1.195	1.414	0.991	0.835	1.309	2.825	4.955	6.386	3.423	1.126	3.292
611	PRO ATHLETE	2	3.536	2.828	1.414	0.707	4.243	2.828	4.950	14.142	7.071	1.414	7.071
621	RECREATION DIR	8	0.916	1.773	0.641	1.309	1.852	2.475	2.435	7.290	3.117	1.165	3.523
631	FARM/RANCH OWNER	3	0.577	3.215	1.155	1.155	2.082	0.577	4.163	6.658	0.0	2.082	5.686
639	FARMING (OTHER)	4	0.957	1.258	1.258	2.062	3.559	3.594	1.708	6.377	1.500	1.414	3.559
661	POLICE (PUBLIC)	5	0.447	1.140	0.447	1.304	1.789	3.564	6.819	7.925	2.302	12.498	3.564
711A	BANKING & FINANCE, I	12	1.115	1.198	0.776	1.188	1.519	3.700	6.232	5.047	2.646	8.133	3.568
711B	BANKING & FINANCE, II	3	1.155	2.000	1.528	1.000	1.528	4.041	7.937	9.074	4.726	1.528	5.686
716	CPA	8	0.641	1.389	0.835	1.302	0.991	2.053	6.266	7.763	2.765	2.357	3.503
717	ACCTANT (EXC CPA)	37	0.967	1.640	0.974	1.544	1.839	2.961	5.682	6.471	2.318	1.777	3.594
721	PURCHASING AGENT	3	1.000	1.528	1.000	1.000	1.732	3.786	5.508	8.505	3.606	1.000	3.786
722	RETAIL BUYER	27	0.912	1.570	1.013	1.199	1.502	2.474	5.320	7.596	2.496	2.019	3.538
724	ADVERTISING	22	1.273	1.329	0.982	1.363	1.085	2.431	4.956	4.420	2.087	0.994	3.211
725	PUBLIC RELATIONS	17	1.367	1.425	0.849	1.479	1.064	2.436	4.611	6.726	2.436	0.985	2.899
726	PERSONNEL ADMIN	21	1.309	1.411	0.796	1.195	1.165	2.998	5.414	5.961	2.600	1.359	3.421
727	APPRAISING/ESTIMATING	15	1.025	1.590	1.065	1.931	1.455	2.422	5.465	5.110	2.358	1.204	2.556
728	LOAN/CREDIT INVESTIG	2	0.0	1.414	0.707	0.707	2.121	2.121	0.0	2.828	3.536	1.414	3.536
730	BUS, MGMT, ADM (NEC)	26	0.864	1.567	0.797	1.210	1.710	2.746	4.940	5.354	2.676	1.657	3.353
732	WHSL/RET TRADE MGMT/MKTG	17	1.064	1.455	1.275	1.586	1.490	2.651	5.607	4.845	2.152	1.536	3.504
738	SUPERVISOR IN BUS	6	0.408	2.639	0.983	1.602	2.041	2.041	4.070	7.230	2.251	1.722	4.622
741	SALESCLERK	36	0.860	1.574	0.756	1.394	2.062	3.325	4.681	7.000	2.642	2.962	4.549
743	STOCKBROKER	2	0.0	0.707	0.707	1.414	0.707	2.828	10.607	10.607	2.828	0.0	0.0
745	REAL EST SLSMAN	5	0.837	1.483	0.894	1.140	1.789	1.924	4.827	9.792	2.881	0.837	3.847
746	INSURANCE SLSMAN	6	0.516	1.751	1.225	1.225	1.049	1.862	2.714	5.981	3.633	1.169	2.787
748	OTHER SLSMAN (NEC)	15	0.990	1.595	1.100	2.167	2.204	2.789	3.063	7.078	2.532	2.455	3.262
751	BOOKKEEPER	100	0.950	1.760	0.913	1.494	1.825	2.898	5.536	6.212	2.250	1.892	3.795
752	TELLER OR BANK CLERK	32	0.801	1.470	0.847	1.561	2.053	2.848	5.038	5.973	2.860	1.909	3.282
753	CASHIER	6	0.516	2.168	0.837	0.837	2.639	3.507	3.764	5.822	1.366	1.835	2.944
755	MISC ACCT RECDG	46	0.830	1.472	1.027	1.655	1.971	2.505	4.819	6.077	2.782	1.847	3.383
756	KEYPUNCH OP	63	0.905	1.488	0.972	1.368	2.000	3.022	4.922	6.751	2.642	1.739	3.777
757	KEYPUNCH INSTRUC	3	0.577	1.000	1.528	0.577	1.528	1.528	6.429	12.014	1.528	3.464	3.786
758	COMPUTER OP	57	1.002	1.830	1.034	1.663	2.012	3.218	6.067	7.205	2.688	2.304	3.958
761	SECRETARY (NEC)	251	0.951	1.658	1.013	1.479	1.770	3.015	5.363	6.430	2.474	2.408	3.582
762	SECRETARY-BOOKKEEPER	26	1.084	1.583	1.087	1.536	1.883	2.981	5.679	5.374	2.387	3.566	3.965
763	MED/DENT SECRETARY	39	0.854	1.725	0.916	1.341	1.579	2.902	5.664	6.443	2.408	1.276	2.764
764	LEGAL SECRETARY	45	0.927	1.815	1.051	1.618	1.961	3.514	6.137	6.498	2.966	4.807	4.455
765	STENO, CRT REPRTR	43	1.021	1.624	0.922	1.352	1.685	2.775	5.028	5.920	2.278	1.795	3.610
766	TYPIST, CLRK TYPIST	68	0.948	1.647	0.975	1.606	2.022	3.132	5.761	7.052	2.243	4.531	4.550
769	CLERK (MISC)	39	0.913	1.569	0.879	1.650	2.038	2.924	5.029	6.229	2.607	2.606	4.035
771	OFFICE SUPERVISOR	18	1.364	1.847	1.043	1.697	1.697	[illegible]	4.342	5.695	2.640	1.791	3.723
772	OFFICE MANAGER	16	0.497	1.550	0.760	1.875	1.342	[illegible]	6.002	5.329	1.922	1.690	3.319
781	PHONE, PBX OP	21	0.926	1.750	0.962	1.284	1.786	[illegible]	4.189	5.703	2.352	2.977	3.708
789	OTHER "PUB CONT" OCCS	29	1.060	1.614	1.106	1.659	1.925	2.768	6.023	6.259	2.520	2.107	3.978
791	RADIO, TELEGR, TELETYPE OP	6	1.169	1.049	0.548	1.033	[illegible]	2.966	3.869	5.586	1.169	2.366	3.077
797	MISC CLERICAL	25	0.889	2.120	1.193	1.319	2.131	2.337	5.618	6.482	1.930	3.205	3.912
798	MISC ADMINISTRATIVE	16	1.369	1.787	0.941	1.383	2.016	3.610	5.431	6.041	2.627	1.177	3.997
810	ELECTRICIAN	2	0.707	2.828	1.414	2.121	4.243	2.828	6.364	10.607	4.243	4.243	0.707
811	ELECTRONIC TECH	2	1.414	2.828	0.0	0.707	2.121	2.121	7.071	1.414	2.828	0.707	7.071
853	AUTO, BUS, TRUCK DRIVER	2	0.0	0.707	0.707	1.414	2.121	4.243	5.657	0.707	0.0	0.0	1.414
861	PRINTING TRADES	5	1.414	1.924	1.225	2.049	2.121	[illegible]	4.336	4.219	[illegible]	3.115	3.962
864	DRAFTSMAN	4	0.957	3.000	0.577	1.291	1.826	4.031	7.847	4.717	2.160	5.188	3.775
865	PHOTOGRAPHY	11	1.009	1.446	0.934	1.286	1.044	3.081	5.974	[illegible]	3.045	1.214	2.786
866	INTERIOR DECORATOR	31	1.140	1.525	1.063	1.194	1.726	3.023	5.504	[illegible]	2.591	1.777	2.647
868	CLTHNG & FASHN TRADES	41	0.789	1.990	1.179	1.786	2.189	2.335	5.496	[illegible]	2.923	2.296	4.695
871	DIETITIAN	17	1.179	1.766	1.200	1.563	1.829	2.874	5.386	[illegible]	1.906	1.654	3.800
872	HOME ECONOMIST	35	1.063	1.530	0.877	1.192	1.654	3.090	5.315	[illegible]	2.193	1.207	2.954
873	AIRLINE STEWARD, STEWARDESS	23	1.071	1.704	1.267	1.461	1.461	3.211	6.501	[illegible]	1.968	1.118	3.950
881	FOOD & BEVERAGE PREP	8	0.916	1.389	0.518	1.506	2.000	2.915	3.854	5.927	1.690	2.712	2.777
891	MISC PERSONAL SERV	23	1.096	1.397	1.123	1.497	1.824	2.787	4.448	6.908	2.306	1.852	4.319
893	HAIRDRESSER	201	0.813	1.591	0.931	1.416	1.865	3.008	4.994	7.499	2.404	3.227	3.926
894	PRACTICAL NURSE	168	0.991	1.747	0.986	1.596	1.870	3.233	5.074	6.618	2.580	3.431	3.911
895	NURSES' AIDE	17	0.939	1.417	0.996	1.629	2.157	2.741	4.085	4.649	2.339	2.808	5.185
899	GENERAL LABORER	62	0.993	1.555	0.866	1.503	2.142	3.049	4.741	6.813	2.928	3.569	4.185
	TOTAL	15423	1.014	1.737	[illegible]	1.568	1.853	3.009	5.593	6.787	2.648	2.787	3.998

TABLE 1.2 (continued)

#	GROUP	N	MEANS										
			ENG. TEST (CONTD.)									MATH TEST	
			USAGE	EFFECT EXPRESS	WORD FN IN SENT	READING COMP	CREATIVITY	MECH REASONING	VIS IN 2-DIM	VIS IN 3-DIM	ABSTRACT REAS	ARITH REASONING	INTRO HS MATH
			R-234	R-235	R-240	R-250	R-260	R-270	R-281	R-282	R-290	R-311	R-312
000	NO ANSWER	1522	17.158	8.867	10.851	30.532	8.471	8.436	11.662	7.892	8.557	7.824	9.747
001	DON'T KNOW	166	18.211	9.488	12.663	34.500	9.440	9.313	12.524	8.723	9.313	8.343	11.831
010	HOUSEWIFE	6158	17.630	9.293	11.687	32.831	9.116	9.065	12.476	8.509	9.376	8.561	10.262
020	NO SPEC INCOME JOB	4	16.500	10.500	11.500	38.500	11.000	10.500	15.250	9.250	10.250	10.000	10.750
101	EXECUTIVE (NEC)	2	17.000	11.000	15.500	36.000	8.500	13.500	17.500	11.500	10.500	9.000	7.500
102	FOREMAN (NEC)	2	14.000	6.500	12.000	34.000	7.500	5.000	9.000	6.500	8.500	6.000	6.000
111	WORK FOR GOVT (NEC)	31	17.516	9.000	13.226	35.355	9.194	8.290	12.581	8.581	9.903	8.516	11.000
112	IN BUS FOR SELF (NEC)	33	17.182	8.758	10.848	32.000	9.697	8.848	12.667	8.636	8.939	8.273	9.727
120	IND, BUS, COMM (NEC)	26	17.808	9.154	10.500	31.577	7.846	8.038	11.385	8.577	8.462	8.115	9.423
121	RETAIL (NEC)	2	19.000	9.500	20.000	40.500	12.000	9.000	15.500	10.000	13.000	12.500	14.000
122	TRANSPORTATION (NEC)	6	17.833	8.833	11.167	33.667	7.500	8.167	14.000	6.833	8.667	5.333	7.667
123	REAL ESTATE (NEC)	5	17.400	8.000	9.600	33.400	9.800	11.000	12.400	10.000	10.800	8.400	10.800
124	INSURANCE (NEC)	7	16.143	9.429	10.286	30.143	9.714	10.714	12.429	7.714	9.000	7.857	7.286
125	ELECTRONICS (NEC)	2	18.500	9.500	14.500	29.500	6.500	4.500	14.000	6.500	7.500	6.500	10.000
140	"WORK WITH PEOPLE" (NEC)	2	17.500	9.000	7.500	34.000	4.500	13.000	10.500	7.000	9.500	12.000	7.000
141	"WORK W CHILDREN" (NEC)	7	18.143	8.714	9.571	29.714	6.857	9.000	9.286	7.714	9.000	7.857	8.857
211	MATH, STAT	20	19.850	10.100	19.100	41.400	11.550	13.000	15.600	11.150	11.950	13.050	19.250
221	SYSTEMS ANALYST	14	19.429	10.214	18.643	42.286	13.000	14.286	16.429	11.357	11.714	12.143	19.429
222	COMPUTER PROGRAMMER	53	18.717	9.943	16.019	38.925	10.151	11.434	15.736	10.453	11.132	12.019	16.660
229	COMPUTER SPEC (NEC)	4	18.500	10.500	17.500	40.500	12.750	11.250	10.750	10.750	10.000	10.750	16.000
230	PHYSICAL SCI (NEC)	3	19.000	9.333	16.000	42.333	11.667	12.667	12.667	9.000	11.000	9.333	14.333
231	CHEMIST	15	19.200	10.200	19.267	40.333	12.200	12.200	13.800	10.867	11.600	12.867	19.067
299	PHYS SCI, LAB TECH	29	17.931	9.379	12.448	33.310	9.655	9.586	12.207	8.793	9.414	9.034	12.138
310	BIOLOGIST, ZOOLOGIST	20	19.150	10.500	17.350	43.650	11.900	11.250	15.300	10.550	11.300	11.450	15.750
315	PHARMACOLOGIST	4	21.000	10.000	15.500	43.000	11.750	10.500	13.500	11.250	12.500	13.250	17.500
316	MICROBIOLOGIST	13	20.077	9.846	17.154	41.231	13.385	11.308	15.231	10.308	10.692	11.462	15.846
317	BIOCHEMIST	8	20.375	10.375	17.750	43.250	10.500	11.125	15.125	10.125	10.875	12.475	18.875
319	OTHER CHEM SCI	3	16.667	9.000	12.333	31.667	9.000	6.333	11.333	7.000	7.333	6.667	10.000
329	MD-OTHER	8	20.625	10.250	15.875	42.500	11.625	11.500	12.250	10.375	12.125	11.375	18.875
333	VETERINARIAN	2	19.000	12.000	21.000	43.500	13.500	11.500	20.500	13.500	11.500	14.000	14.500
335	PHARMACIST	14	19.143	10.429	17.929	40.429	11.000	11.857	13.929	9.071	10.286	11.357	17.714
337	RN	591	18.814	9.934	15.069	38.333	10.541	10.423	13.597	9.400	10.448	10.352	13.958
341	DENTAL HYGIENIST	32	18.563	9.719	15.844	38.156	10.594	10.625	15.750	9.969	10.750	10.094	14.344
343	PHYSICAL THERAPIST	16	19.688	10.375	16.750	40.563	11.188	11.750	15.125	10.625	11.000	11.313	15.000
344	OCCUPATIONAL THERAP	13	19.692	10.231	17.769	41.538	12.769	13.308	15.462	11.077	11.000	10.923	17.000
346	SPEC THERAP (MISC)	15	20.333	10.533	15.933	41.667	11.067	10.733	14.200	10.000	10.467	10.133	13.667
347	MED/DENT TECHNOLOGIST	93	18.785	10.022	15.688	38.043	10.828	11.032	14.247	9.688	10.688	11.054	15.301
348	MED/DENT TECHNICIAN	133	17.341	9.152	11.399	33.196	9.341	8.957	11.826	8.275	9.652	8.043	10.420
360	PSYCHOLOGIST	47	20.106	10.404	17.511	42.915	11.404	11.277	14.085	9.830	11.404	12.340	16.468
369	PSYCH RES ASST	3	18.667	11.000	20.333	38.000	13.000	10.667	16.667	12.000	13.667	8.333	16.333
370	SOCIAL WORKER	177	19.062	10.056	14.785	38.429	10.181	9.644	13.006	9.107	9.881	10.441	13.825
371	PSYCHIATRIC SOC WRKER	12	17.750	9.750	14.917	41.667	10.917	11.250	13.833	9.583	10.000	10.250	15.250
372	COUNSELING/GUIDANCE	12	18.000	9.667	13.500	37.000	7.917	9.083	12.833	7.417	9.417	9.583	14.250
373	VOC/ED GUIDANCE	40	19.475	10.300	16.825	39.950	11.750	10.875	13.250	9.550	10.450	11.500	16.550
382	ECONOMIST	2	18.000	9.000	17.500	40.500	11.500	12.500	14.500	9.500	12.000	11.500	15.500
383	SOCIOLOGIST	2	19.000	9.500	13.500	38.500	10.000	8.000	10.500	10.500	10.000	8.500	10.500
384	ANTHROPOLOGIST	4	19.750	11.000	14.250	40.500	11.250	11.250	9.250	8.250	7.750	12.750	17.250
389	SOCIAL SCI (MISC)	6	20.000	10.000	17.667	42.000	11.667	11.833	14.333	10.167	12.167	12.167	15.667
391	POLITICIAN	5	18.400	9.200	11.800	39.400	11.600	9.000	12.800	8.600	10.000	10.200	9.000
392	DIPLOMAT	3	19.333	11.667	19.000	43.000	11.000	7.333	12.000	10.000	11.333	13.000	15.000
393	LAWYER	11	20.273	10.000	18.636	44.909	13.182	12.545	14.455	12.000	12.273	13.000	18.273
394	MARKET ANALYST	3	20.333	10.000	17.667	42.333	11.667	14.000	15.667	11.000	11.000	13.667	19.000
398	CITY PLANNER (NEC)	3	20.000	11.000	22.000	46.667	15.333	11.667	12.667	10.000	12.667	14.667	19.667
400	TEACHER (NEC)	1326	19.020	10.085	15.690	38.543	10.341	9.833	13.082	9.211	10.328	10.447	14.272
410	TCHNG YNG CHILDREN	10	18.500	9.200	15.300	36.100	11.300	12.400	14.000	11.200	12.000	10.800	13.100
411	TCHNG PRESCH CHILDREN	30	18.400	9.667	13.133	37.767	9.067	9.000	11.300	8.400	10.267	9.100	12.267
412	TEACHER-ELEM	616	18.657	9.873	15.102	37.434	10.330	9.739	12.753	9.114	10.300	10.232	13.537
420	TEACHER-HS (NEC)	81	19.074	10.272	16.951	40.025	10.815	10.491	13.975	10.247	10.452	10.936	14.741
421	TEACHER-HS MATH	36	19.583	10.139	17.667	39.139	10.778	12.639	15.139	10.306	11.056	12.556	19.250
422	TEACHER-HS SCIENCE	30	19.767	9.933	16.733	40.500	11.900	11.833	14.467	10.700	10.933	11.967	17.100
423	TEACHER-HS SOC STUD	54	18.241	9.815	13.889	39.593	10.333	9.944	14.167	9.574	10.093	10.537	14.444
424	TEACHER-ENGLISH	132	19.765	10.447	16.939	41.182	11.106	10.129	13.235	9.508	10.864	10.795	14.629
425	TEACHER-FOREIGN LANG	46	20.239	10.609	18.848	42.261	10.652	11.000	14.413	9.696	11.152	11.717	16.717
426	TEACHER-COMM ED	57	18.456	9.579	12.772	34.316	9.158	9.140	12.596	8.579	9.807	9.526	10.877
427	TEACHER-HS HOME EC	68	18.455	9.912	14.735	36.750	9.544	9.750	13.456	9.206	10.647	9.897	13.412
428	TEACHER-TRADES	4	18.750	10.500	10.000	41.500	11.250	12.750	17.000	10.250	11.250	11.000	13.000
429	TEACHER-PHYS ED	59	17.492	9.881	13.864	35.729	9.814	10.322	13.780	9.407	10.390	9.203	13.407
431	TEACHER-ART	50	19.140	9.890	14.660	38.560	10.580	10.940	13.380	10.380	10.780	10.180	14.020
432	TEACHER-MUSIC	65	19.200	10.138	15.723	37.492	9.908	10.123	12.892	9.523	10.477	9.677	12.477
440	TEACHER-HANDICAPPED	70	18.529	10.014	15.200	39.186	10.286	9.871	13.500	9.557	10.443	10.043	13.329
441	SPEECH THERAPIST	39	18.949	9.872	14.256	38.641	11.641	10.179	13.077	9.590	10.385	9.718	13.205
450	SCHOOL ADM (EXC COLL)	5	19.400	10.200	13.600	36.800	11.200	9.200	14.400	7.600	10.600	8.200	13.200
460	COLL/UNIV TCHR (NEC)	107	19.570	10.224	16.888	41.888	11.795	11.243	14.692	10.523	11.224	11.505	15.776
461	COLL/UNIV TCHR-MATH	10	19.600	10.300	17.700	41.300	10.900	13.800	14.700	11.200	12.300	12.300	20.000
462	COLL/UNIV TCHR-SCIENCE	17	20.882	10.647	19.000	44.824	12.882	14.000	14.882	12.765	12.059	13.765	19.647
463	COLL/UNIV TCHR-SOC SCI	16	20.188	10.250	17.063	43.125	11.750	9.750	13.688	10.125	11.188	11.563	16.063
464	COLL/UNIV TCHR-ENGLISH	32	20.688	10.531	18.594	43.750	11.969	11.813	14.156	10.844	11.156	13.000	16.875
465	COLL/UNIV TCHR-FOR LANG	19	20.737	10.368	19.211	42.579	12.053	11.053	15.053	8.842	11.526	11.684	16.526
470	COLL/UNIV TCHR-ADM	4	21.500	10.750	18.750	41.500	12.500	10.750	12.500	10.000	11.250	12.000	13.000
499	AUX JOBS IN EDUC	3	16.000	8.333	10.333	19.000	3.667	5.333	9.000	8.333	9.667	6.667	9.000
511	LIBRARIAN	77	19.130	10.156	16.390	39.714	10.442	9.870	13.338	9.273	10.377	10.831	14.351
521	CLERGYMAN	7	18.286	10.429	15.000	38.714	9.143	9.429	12.429	7.857	8.571	9.286	12.286
522	MONK, BROTHER, NUN	29	19.621	10.483	16.931	39.724	11.345	10.310	12.138	9.517	10.069	9.931	15.103

TABLE 1.2 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			ENG. TEST (CONTD.)									MATH TEST	
			USAGE	EFFECT EXPRESS	WORD FN IN SENT	READING COMP	CREATIVITY	MECH REASONING	VIS IN 2-DIM	VIS IN 3-DIM	ABSTRACT REAS	ARITH REASONING	INTRO HS MATH
			R-234	R-235	R-240	R-250	R-260	R-270	R-281	R-282	R-290	R-311	R-312
000	NO ANSWER	1522	3.168	2.198	5.661	10.243	3.845	3.584	5.615	3.017	3.010	3.465	4.622
001	DON'T KNOW	165	3.047	1.887	6.242	10.616	3.996	3.926	5.708	3.125	3.025	3.691	5.469
010	HOUSEWIFE	6159	2.882	1.922	5.425	8.630	3.538	3.380	5.417	2.888	2.653	3.304	4.418
020	NO SPEC INCOME JOB	4	1.732	1.732	8.266	3.873	2.708	3.109	3.304	3.304	1.500	0.816	4.272
101	EXECUTIVE (NEC)	2	2.828	0.0	0.707	2.828	0.707	0.707	2.121	2.121	0.707	0.0	0.707
102	FOREMAN (NEC)	2	4.243	0.707	5.657	12.728	3.536	2.828	0.0	0.707	2.121	4.243	4.243
111	WORK FOR GOVT (NEC)	31	4.611	3.077	6.065	10.669	3.728	3.598	4.897	2.693	2.300	3.696	5.978
112	IN BUS FOR SELF (NEC)	22	4.019	2.646	6.021	9.621	4.058	4.790	6.228	3.656	3.596	4.010	4.798
120	IND, BUS, COMM (NEC)	25	2.263	2.111	5.894	9.597	4.066	3.757	5.044	3.139	2.533	3.468	3.962
121	RETAIL (NEC)	2	1.414	0.707	0.0	0.707	1.414	1.414	9.192	1.414	1.414	2.121	2.828
122	TRANSPORTATION (NEC)	6	1.941	1.722	4.622	7.339	3.209	1.722	6.812	2.639	1.506	2.944	2.251
123	REAL ESTATE (NEC)	5	3.209	2.236	2.302	4.980	4.087	2.121	5.941	3.536	1.483	2.881	4.658
124	INSURANCE (NEC)	7	2.795	1.397	4.536	9.173	3.773	3.147	6.373	2.928	3.215	3.388	2.138
125	ELECTRONICS (NEC)	2	0.707	2.121	0.707	0.707	0.707	3.536	1.414	2.121	0.707	0.707	0.0
140	"WORK WITH PEOPLE" (NEC)	2	2.121	0.0	0.707	2.828	0.707	4.243	2.121	1.414	0.707	0.0	0.0
141	"WORK W CHILDREN" (NEC)	7	2.268	1.496	4.315	7.111	1.464	2.944	6.473	2.430	2.646	2.268	3.485
211	MATH, STAT	20	1.814	1.410	3.726	5.915	4.513	3.509	4.661	3.117	1.849	2.305	3.754
221	SYSTEMS ANALYST	16	1.950	1.051	4.217	4.428	2.935	1.939	4.108	2.468	1.637	2.713	3.736
222	COMPUTER PROGRAMMER	53	2.507	1.737	5.454	8.002	3.640	3.445	5.579	2.664	1.861	3.147	4.686
229	COMPUTER SPEC (NEC)	4	5.802	1.000	4.435	10.472	2.500	2.630	1.258	2.500	1.414	4.031	7.071
230	PHYSICAL SCI (NEC)	3	1.732	1.528	5.568	4.726	3.512	2.517	2.082	1.000	1.000	2.887	2.082
231	CHEMIST	15	2.243	1.424	2.219	5.052	2.957	3.468	4.916	3.044	1.765	2.560	3.555
299	PHYS SCI, LAB TECH	29	2.137	1.741	5.648	8.989	3.985	4.656	6.172	3.040	2.612	3.698	6.010
310	BIOLOGIST, ZOOLOGIST	27	1.814	1.100	3.856	3.407	3.307	3.669	5.352	2.870	1.487	3.154	4.711
315	PHARMACOLOGIST	4	1.826	1.633	6.137	1.826	2.986	1.291	10.083	3.304	2.646	1.893	3.697
316	MICROBIOLOGIST	12	2.253	2.230	5.398	8.054	4.134	3.301	4.146	3.066	2.926	2.876	4.525
317	BIOCHEMIST	6	1.598	1.768	5.230	2.605	3.024	2.167	2.295	2.696	1.553	2.326	2.167
319	OTHER CHEM SCI	3	3.055	2.646	7.767	12.583	1.732	2.082	2.082	2.000	2.309	3.055	3.464
329	MD-OTHER	4	3.159	2.252	3.643	4.140	3.623	4.721	3.955	1.598	2.232	3.462	3.091
333	VETERINARIAN	2	0.0	0.0	0.0	3.536	0.707	3.536	0.707	0.707	0.707	1.414	2.121
335	PHARMACIST	14	2.568	1.453	4.891	4.941	3.783	4.470	6.070	3.025	2.234	3.586	3.539
337	RN	521	2.334	1.566	4.952	5.935	3.206	3.339	5.252	2.808	2.120	2.770	4.140
341	DENTAL HYGIENIST	32	3.926	2.188	4.266	4.725	3.537	3.572	5.187	3.011	2.502	3.622	4.240
343	PHYSICAL THERAPIST	15	2.522	1.258	4.712	4.939	2.664	3.317	5.290	2.802	1.592	3.535	4.926
344	OCCUPATIONAL THERAP	13	2.840	1.787	4.206	3.573	3.140	3.119	5.190	3.121	1.528	2.565	3.958
346	SPEC THERAP (MISC)	15	1.589	1.457	4.008	4.639	3.575	4.367	5.401	2.619	2.748	2.669	4.530
347	MED/DENT TECHNOLOGIST	33	2.358	1.459	5.576	8.184	3.109	3.367	4.422	2.711	1.788	2.857	4.408
348	MED/DENT TECHNICIAN	138	3.317	2.021	5.242	7.735	3.077	3.441	5.262	2.986	2.632	3.169	4.578
360	PSYCHOLOGIST	47	2.267	1.513	4.699	4.221	3.849	3.871	5.500	3.053	2.007	2.129	4.731
369	PSYCH RES ASST	3	1.155	1.000	2.887	3.606	1.732	3.215	7.572	2.000	0.577	3.786	2.082
370	SOCIAL WORKER	177	2.438	1.695	5.623	7.981	3.585	3.661	5.784	3.072	2.557	3.266	4.901
371	PSYCHIATRIC SOC WRKER	12	2.417	2.137	5.282	5.069	1.505	3.388	3.129	2.937	2.629	4.115	5.562
372	COUNSELING/GUIDANCE	12	2.174	1.435	5.000	7.471	3.029	3.397	5.718	2.778	2.937	3.118	4.309
373	VOC/ED GUIDANCE	40	2.195	1.652	5.022	8.184	3.788	3.236	4.727	3.029	2.309	2.801	4.344
382	ECONOMIST	2	0.0	2.828	2.121	6.364	0.707	4.950	2.121	6.364	1.414	2.121	2.121
383	SOCIOLOGIST	2	1.414	2.121	4.950	6.364	0.0	2.828	3.536	2.121	1.414	4.950	0.707
384	ANTHROPOLOGIST	4	2.363	0.0	7.500	9.849	3.862	4.031	5.909	3.775	2.500	2.062	6.898
389	SOCIAL SCI (MISC)	6	1.789	2.280	5.680	7.183	3.327	2.858	7.005	3.371	2.041	3.061	5.465
391	POLITICIAN	5	3.209	2.588	7.727	7.765	5.683	3.391	3.701	3.050	3.606	3.962	6.519
392	DIPLOMAT	3	0.577	0.577	6.557	3.000	2.000	2.517	3.606	2.646	1.155	1.000	5.292
393	LAWYER	11	2.611	1.612	3.722	2.663	3.945	3.446	4.083	2.408	2.195	2.793	4.002
394	MARKET ANALYST	3	4.163	1.000	3.215	4.726	2.517	1.732	6.658	4.359	1.732	1.528	1.732
398	CITY PLANNER (NEC)	3	1.000	1.000	2.000	0.577	4.163	2.309	7.371	0.0	1.528	1.528	3.055
400	TEACHER (NEC)	1326	2.458	1.533	4.952	6.976	3.386	3.339	5.200	2.945	2.269	3.195	4.440
410	TCHNG YNG CHILDREN	10	2.759	1.619	4.139	6.707	2.201	3.169	5.011	2.300	2.404	3.084	5.446
411	TCHNG PRESCH CHILDREN	30	3.212	1.988	5.987	6.569	3.704	3.686	5.059	2.094	2.100	3.458	4.394
412	TEACHER-ELEM	515	2.616	1.672	4.976	6.851	3.342	3.307	5.303	2.872	2.208	2.982	4.388
420	TEACHER-HS (NEC)	41	2.578	1.761	4.917	6.912	3.937	3.296	4.728	2.681	2.242	2.813	4.821
421	TEACHER-HS MATH	35	2.285	1.533	4.727	8.672	3.958	3.164	4.183	3.276	2.124	2.971	2.970
422	TEACHER-HS SCIENCE	27	2.635	2.100	5.291	7.300	3.556	4.128	4.761	3.385	3.140	2.988	4.809
423	TEACHER-HS SOC STUD	54	2.027	1.781	5.476	7.110	3.452	3.194	5.312	2.956	2.174	2.827	4.294
424	TEACHER-ENGLISH	132	2.308	1.579	4.345	6.407	3.537	3.432	4.739	2.728	2.182	2.863	4.033
425	TEACHER-FOREIGN LANG	46	2.424	1.220	3.910	5.179	3.121	4.115	4.573	2.812	1.563	2.536	4.920
426	TEACHER-COMM ED	57	2.605	1.927	5.227	8.255	3.654	3.598	5.199	2.933	3.020	3.449	3.689
427	TEACHER-HS HOME EC	64	2.256	1.533	4.612	6.654	3.538	3.483	5.227	2.950	2.107	3.130	3.891
428	TEACHER-TRADES	4	1.258	1.291	5.831	1.732	2.872	1.500	3.464	3.862	0.957	3.464	5.888
429	TEACHER-PHYS ED	59	2.515	1.555	5.637	8.102	3.646	3.235	5.971	2.895	2.593	2.803	4.931
431	TEACHER-ART	50	3.037	1.913	5.586	9.252	3.488	3.835	5.745	3.446	2.234	3.497	4.736
432	TEACHER-MUSIC	65	2.501	1.590	4.715	6.270	3.376	3.533	5.475	2.796	2.180	3.226	4.377
440	TEACHER-HANDICAPPED	70	2.238	1.378	4.904	6.477	3.298	3.563	5.484	2.882	2.193	3.368	4.282
441	SPEECH THERAPIST	30	2.188	1.361	5.185	5.199	3.004	3.553	5.013	3.135	1.995	2.946	4.601
450	SCHOOL ADM (EXC COLL)	5	3.286	1.304	6.580	11.777	5.630	4.183	5.771	3.362	1.517	4.207	6.723
460	COLL/UNIV TCHR (NEC)	107	2.552	1.525	4.793	5.319	3.752	3.626	5.344	2.840	2.143	2.963	4.808
461	COLL/UNIV TCHR-MATH	10	1.647	1.159	5.755	6.961	4.095	3.458	6.617	4.264	1.636	2.998	2.981
462	COLL/UNIV TCHR-SCIENCE	17	1.728	1.169	3.298	2.099	3.887	2.550	4.742	2.078	1.560	1.437	2.805
463	COLL/UNIV TCHR-SOC SCI	16	2.344	1.291	4.358	4.992	3.838	3.804	4.468	3.403	1.721	2.966	5.000
464	COLL/UNIV TCHR-ENGLISH	32	2.235	1.270	4.142	2.615	2.901	3.412	5.010	2.784	2.142	2.048	4.218
465	COLL/UNIV TCHR-FOR LANG	10	1.695	1.300	3.441	3.185	3.908	3.643	5.390	2.853	1.867	2.428	5.125
470	COLL/UNIV TCHR-ADM	4	1.000	1.258	2.062	4.359	1.915	2.986	8.185	2.160	1.258	2.160	3.916
499	AUX JOBS IN EDUC	3	3.464	2.517	7.506	19.468	5.508	2.887	6.557	4.619	2.082	5.508	6.245
511	LIBRARIAN	77	2.567	1.717	5.066	7.238	3.792	3.574	5.258	3.210	2.978	3.164	4.795
521	CLERGYMAN	7	2.690	1.512	5.164	9.995	3.078	3.309	4.928	2.911	2.637	3.861	5.880
522	MONK, BROTHER, NUN	29	2.259	1.479	5.934	6.047	3.558	4.089	5.249	3.429	2.374	3.981	4.858

TABLE 1.2 (continued)

			MEANS										
			ENG. TEST (CONTD.)									MATH TEST	
#	GROUP	N	USAGE	EFFECT EXPRESS	WORD FN IN SENT	READING COMP	CREATIVITY	MECH REASONING	VIS IN 2-DIM	VIS IN 3-DIM	ABSTRACT REAS	ARITH REASONING	INTRO HS MATH
			R-234	R-235	R-240	R-250	R-260	R-270	R-281	R-282	R-290	R-311	R-312
523	RELIG WORKER (OTHER)	35	18.800	9.929	14.114	36.771	9.943	9.486	14.800	9.429	9.829	8.971	12.029
531	WRITER (NEC)	28	19.036	10.393	14.821	39.107	11.143	9.821	13.071	9.250	9.393	10.000	13.214
532	FICTION WRITER	5	19.000	10.000	15.000	39.400	11.400	9.000	9.000	8.400	9.800	11.600	13.600
533	NONFIC WRTR (EXC JRNLIST)	5	20.800	10.000	18.000	43.000	12.900	13.800	17.000	12.400	12.200	11.800	17.200
534	JOURNALIST/REPORTER	23	19.652	10.957	17.000	42.696	11.913	11.826	13.174	9.696	10.348	10.913	15.261
536	PUBLISHER, ETC.	4	18.500	9.750	13.500	39.000	10.250	9.000	12.750	8.500	9.000	9.500	14.000
537	EDITOR	10	21.000	9.800	18.200	43.200	11.700	11.800	13.500	10.400	12.100	10.900	15.800
539	TRANSLAT, INTERPR, LINGST	13	20.231	10.846	18.308	42.385	10.462	10.846	16.077	10.231	11.231	11.692	15.308
541	FINE ARTS	42	18.857	9.952	14.738	39.405	11.548	11.833	14.024	11.262	11.000	10.357	13.476
545	COMM ARTIST	35	18.657	9.714	13.114	39.171	10.800	11.343	15.257	10.400	10.543	8.900	9.886
547	DESIGNER (CONS GDS)	3	21.667	11.667	19.333	45.667	12.667	14.333	22.000	13.667	13.667	12.333	21.333
551	MUSICIAN	7	18.957	9.286	16.857	37.143	11.571	11.286	14.714	9.857	9.714	12.429	17.714
552	SINGER	13	17.462	8.923	12.308	35.385	8.769	9.000	10.846	7.846	8.154	8.000	10.769
559	MUSIC-RELATED (MISC)	2	19.500	11.500	17.500	44.500	11.000	10.500	13.500	8.500	10.000	9.500	11.000
560	DANCER, CHOREOG	12	17.333	10.000	11.417	33.917	8.917	10.000	12.167	8.417	9.750	7.750	9.583
571	ACTOR	8	18.625	10.250	14.875	36.000	11.000	8.375	11.500	7.875	9.500	8.000	11.250
572	THEATRICAL DIRECTING	2	19.000	10.000	18.500	40.500	14.000	9.000	14.000	9.000	10.000	5.000	8.000
575	THEATRE (OTHER)	11	17.727	9.727	14.364	36.909	11.727	11.636	14.909	9.545	9.727	8.818	13.455
579	MISC PERF ARTS	3	21.667	11.000	15.667	41.333	9.333	7.667	14.667	10.000	11.000	10.000	11.333
581	MODEL	9	16.375	8.875	9.875	31.125	8.875	9.250	14.625	9.000	9.750	7.625	7.750
611	PRO ATHLETE	2	16.500	8.500	10.500	24.500	10.000	14.500	22.000	11.000	10.500	9.000	12.500
621	RECREATION DIR	8	18.875	10.250	10.250	33.000	8.500	9.875	10.250	8.000	9.250	9.250	12.875
631	FARM/RANCH OWNER	3	18.667	9.667	8.333	34.333	9.333	10.000	17.000	9.000	11.000	7.667	11.000
639	FARMING (OTHER)	4	16.250	9.250	7.500	33.250	6.750	11.250	16.000	10.750	9.250	8.500	9.750
661	POLICE (PUBLIC)	5	16.600	9.000	9.600	32.200	9.800	10.600	15.000	8.000	10.600	8.000	9.000
711A	BANKING & FINANCE, I	13	17.615	9.000	11.692	31.846	8.538	8.538	12.462	8.000	9.308	8.077	8.769
711B	BANKING & FINANCE, II	3	16.333	9.333	16.333	40.667	12.333	13:000	15.333	10.333	10.667	10.667	13.333
716	CPA	8	18.375	10.250	13.250	33.625	10.250	9.625	13.500	9.250	9.375	9.625	14.625
717	ACCTANT (EXC CPA)	97	17.874	9.402	13.161	34.962	9.851	9.667	14.402	9.701	10.368	9.885	12.345
721	PURCHASING AGENT	3	19.000	11.000	14.333	31.000	8.667	11.000	10.000	9.667	10.333	12.000	16.000
722	RETAIL BUYER	27	17.815	9.556	12.667	34.333	8.556	9.259	12.444	8.889	9.741	8.852	12.333
724	ADVERTISING	23	19.652	9.913	15.261	39.739	12.348	11.391	15.565	9.957	11.087	10.696	14.000
725	PUBLIC RELATIONS	17	18.882	9.765	16.294	36.882	10.176	10.176	12.059	9.294	9.882	8.647	11.412
726	PERSONNEL ADMIN	21	18.667	10.190	15.143	40.333	11.571	12.810	14.476	10.810	11.048	11.190	14.048
727	APPRAISING/ESTIMATING	16	18.875	10.188	13.688	36.625	10.813	10.938	13.750	9.063	10.875	9.313	12.500
728	LOAN/CREDIT INVESTIG	2	18.500	10.000	11.000	28.000	7.000	7.000	10.000	7.500	5.500	7.500	5.000
730	BUS, MGMT, ADM (NEC)	26	18.077	9.654	14.115	37.115	10.577	9.731	12.654	9.923	10.000	9.692	12.038
32	WHSL/RET TRADE MGMT/MKTG	17	18.824	10.353	13.588	35.529	10.000	10.706	14.118	9.529	11.118	10.647	12.059
738	SUPERVISOR IN BUS	6	18.000	8.333	11.500	28.333	9.833	9.833	9.833	6.667	7.500	7.167	8.833
741	SALESCLERK	36	16.611	8.444	8.722	26.944	7.167	8.056	10.472	7.333	7.306	6.722	7.944
743	STOCKBROKER	2	18.500	9.000	15.000	33.000	10.500	10.000	13.500	13.000	12.000	9.500	11.000
745	REAL EST SLSMAN	5	17.200	9.800	8.600	34.200	8.400	9.600	11.800	7.800	9.600	10.000	10.200
746	INSURANCE SLSMAN	6	18.833	9.833	10.167	33.333	8.833	8.500	10.833	7.667	9.167	8.667	8.833
748	OTHER SLSMAN (NEC)	15	17.200	9.400	11.400	32.800	8.533	8.200	13.267	8.400	8.067	8.533	10.000
751	BOOKKEEPER	100	17.410	9.000	11.530	31.540	8.750	8.770	11.930	8.330	9.070	9.050	9.900
752	TELLER OR BANK CLERK	32	17.094	9.156	8.688	29.625	8.313	7.875	10.563	7.875	8.969	8.000	9.938
753	CASHIER	6	18.333	9.000	11.167	28.667	7.000	5.833	9.000	5.667	7.500	9.667	10.167
755	MISC ACCT RECDG	46	16.609	8.826	10.587	30.348	8.152	8.283	12.348	7.717	8.783	7.761	9.283
756	KEYPUNCH OP	69	16.377	8.797	10.536	31.000	9.188	9.101	12.783	8.319	9.043	7.913	9.681
757	KEYPUNCH INSTRUC	3	14.000	8.667	9.667	25.000	5.667	6.333	7.333	6.000	6.000	8.667	5.667
758	COMPUTER OP	57	17.123	9.088	10.912	30.754	7.719	8.404	12.368	8.298	8.719	8.351	9.877
761	SECRETARY (NEC)	951	17.779	9.390	11.865	33.276	9.119	8.741	11.840	8.411	9.415	8.516	9.953
762	SECRETARY-BOOKKEEPER	26	17.923	9.462	13.808	33.577	9.231	8.385	13.077	8.808	9.462	9.192	11.423
763	MED/DENT SECRETARY	39	18.103	9.718	11.872	33.231	9.795	9.385	12.692	7.385	9.231	9.077	10.744
764	LEGAL SECRETARY	45	18.467	9.556	13.156	35.000	9.400	8.667	12.156	8.111	9.578	9.133	10.444
765	STENO, CRT REPRTR	48	17.729	8.896	11.063	33.208	8.917	8.792	12.000	8.438	9.792	8.458	10.458
766	TYPIST, CLRK TYPIST	68	16.882	9.912	10.235	29.515	7.912	8.294	11.765	9.147	9.338	7.500	9.588
769	CLERK (MISC)	99	16.949	9.646	10.293	28.949	9.051	8.141	11.051	8.071	8.838	7.818	9.212
771	OFFICE SUPERVISOR	18	17.222	8.722	11.222	34.944	9.389	9.444	11.889	8.278	9.556	8.944	10.000
772	OFFICE MANAGER	14	17.786	9.214	11.143	34.429	9.214	9.429	13.643	8.071	8.357	8.357	10.429
781	PHONE, PBX OP	21	17.048	9.524	7.381	28.285	8.095	8.000	10.333	7.286	7.429	5.952	7.476
789	OTHER "PUB CONT" OCCS	38	17.474	9.079	12.447	32.368	9.105	8.711	11.632	8.395	9.000	8.789	10.500
791	RADIO, TELEGR, TELETYPE OP	6	16.333	8.667	7.333	37.667	8.000	9.167	11.667	10.000	9.333	8.833	9.333
797	MISC CLERICAL	25	16.680	8.480	9.600	31.240	9.440	8.560	11.080	7.840	7.880	8.360	9.680
798	MISC ADMINISTRATIVE	14	17.786	9.286	14.429	38.357	10.571	9.143	11.286	7.929	10.143	10.643	15.286
810	ELECTRICIAN	2	16.500	8.500	11.000	29.500	8.000	8.500	9.500	7.500	5.500	6.000	12.000
811	ELECTRONIC TECH	2	15.000	7.000	7.500	19.000	10.000	8.000	16.000	7.000	7.000	5.500	6.500
853	AUTO, BUS, TRUCK DRIVER	2	17.500	6.500	7.000	25.000	6.500	9.500	19.000	7.500	9.500	7.000	10.000
861	PRINTING TRADES	5	17.600	9.400	14.800	31.600	9.200	10.600	13.600	10.800	11.000	10.000	12.200
864	DRAFTSMAN	4	16.250	9.000	8.250	30.500	6.500	7.250	7.500	9.000	8.000	7.000	9.250
865	PHOTOGRAPHY	11	18.818	8.727	13.545	37.182	9.545	11.818	15.455	9.727	10.818	9.818	11.455
866	INTERIOR DECORATOR	31	18.484	9.613	13.452	36.452	10.258	11.032	14.258	9.806	9.903	9.613	10.516
868	CLTHNG & FASHN TRADES	41	16.780	8.488	10.707	28.439	7.683	8.561	10.585	8.707	8.244	7.902	9.805
871	DIETITIAN	17	19.059	9.882	15.471	37.412	11.706	10.941	14.353	10.235	9.824	11.235	14.588
872	HOME ECONOMIST	35	19.514	9.543	13.714	36.714	10.686	9.943	13.800	10.171	10.171	10.229	12.657
873	AIRLINE STEWARD, STEWARDESS	23	17.565	9.783	13.000	34.870	10.217	10.696	13.043	10.348	10.957	9.087	11.739
881	FOOD & BEVERAGE PREP	9	15.500	6.875	5.125	23.250	5.500	7.375	9.250	6.625	6.125	3.125	6.000
891	MISC PERSONAL SERV	23	15.217	8.087	8.174	27.696	7.652	7.739	10.522	6.913	7.957	6.435	7.826
893	HAIRDRESSER	201	16.398	8.622	9.796	28.015	7.861	8.512	11.478	9.035	8.741	7.264	8.672
894	PRACTICAL NURSE	168	16.274	8.863	9.655	30.250	8.351	8.530	11.179	8.286	8.530	7.667	9.387
895	NURSES' AIDE	17	16.529	8.412	8.000	23.941	6.941	6.706	9.941	6.941	6.824	5.882	7.059
899	GENERAL LABORER	62	16.048	7.806	8.323	23.887	7.000	7.048	10.355	7.129	6.984	6.387	7.484
	TOTAL	15423	17.958	9.447	12.716	34.272	9.459	9.324	12.594	8.714	9.586	9.040	11.390

TABLE 1.2 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			ENG. TEST (CONTD.)									MATH TEST	
			USAGE	EFFECT EXPRESS	WORD FN IN SENT	READING COMP	CREATIVITY	MECH REASONING	VIS IN 2-DIM	VIS IN 3-DIM	ABSTRACT REAS	ARITH REASONING	INTRO HS MATH
			R-234	R-235	R-240	R-250	R-260	R-270	R-281	R-282	R-290	R-311	R-312
523	RELIG WORKER (OTHER)	35	2.908	1.636	5.656	7.693	3.539	3.649	4.720	2.862	2.370	3.626	4.482
531	WRITER (NEC)	29	2.081	1.771	6.147	9.094	3.969	4.065	5.689	3.395	3.304	3.712	5.280
532	FICTION WRITER	5	5.196	2.915	6.364	8.503	3.209	3.317	6.042	1.517	2.387	4.879	5.320
533	NONFIC WRTR (EXC JRNLIST)	5	1.483	0.707	2.550	1.000	1.643	3.633	3.000	1.342	1.924	2.387	4.919
534	JOURNALIST/REPORTER	23	2.124	1.147	3.680	3.878	3.604	3.460	4.579	3.007	2.166	2.762	3.864
536	PUBLISHER, ETC.	4	0.577	2.062	4.655	2.708	3.304	2.449	2.986	1.732	1.826	2.517	2.944
537	EDITOR	10	1.155	1.619	3.615	3.399	4.596	3.994	5.622	3.502	2.331	2.807	3.765
539	TRANSLAT, INTERPR, LINGST	13	1.691	0.801	5.483	4.908	3.777	3.023	3.685	3.270	2.242	2.750	4.733
541	FINE ARTS	42	2.746	1.710	5.137	6.533	3.195	4.054	5.403	2.777	2.252	2.870	4.712
545	COMM ARTIST	35	2.645	1.655	5.268	5.737	2.898	3.244	5.055	2.603	2.318	3.037	3.652
547	DESIGNER (CONS GDS)	3	2.517	0.577	1.155	3.215	3.215	2.082	1.732	1.528	0.577	2.082	2.887
551	MUSICIAN	7	8.572	4.192	7.883	16.436	5.827	5.880	7.544	4.981	4.386	2.573	5.282
552	SINGER	12	3.152	1.891	6.613	10.421	3.811	3.055	5.757	3.105	2.115	4.340	5.630
559	MUSIC-RELATED (MISC)	2	4.950	0.707	2.121	0.707	1.414	3.536	0.707	4.950	2.828	2.121	4.243
560	DANCER, CHOREOG	12	2.674	1.044	5.435	9.529	2.503	3.668	7.069	3.288	2.379	3.841	4.981
571	ACTOR	9	2.722	1.669	7.240	9.055	3.546	3.926	4.175	2.416	2.000	3.071	4.062
572	THEATRICAL DIRECTING	2	2.828	2.828	4.950	6.364	1.414	4.243	2.828	2.828	2.828	0.0	1.414
575	THEATRE (OTHER)	11	2.649	2.054	6.772	9.669	3.663	3.501	6.268	2.945	2.867	3.430	6.251
579	MISC PERF ARTS	3	1.528	1.000	3.055	1.528	2.082	3.512	8.387	5.196	1.732	1.000	3.215
581	MODEL	9	2.326	2.031	5.276	6.010	1.959	2.493	7.328	2.138	2.375	3.204	3.694
611	PRO ATHLETE	2	7.778	2.121	4.950	10.607	7.071	3.536	2.828	0.0	0.707	4.243	6.364
621	RECREATION DIR	8	2.800	1.165	6.205	14.803	4.175	5.463	7.106	4.721	4.200	4.027	6.266
631	FARM/RANCH OWNER	3	1.528	0.577	2.082	10.693	2.082	1.732	9.539	2.646	0.0	5.132	6.083
639	FARMING (OTHER)	4	2.630	1.708	3.109	10.079	5.737	5.252	6.928	4.193	2.062	4.359	6.021
661	POLICE (PUBLIC)	5	3.782	0.707	4.827	8.843	1.095	1.140	3.937	3.162	2.793	2.345	2.739
711A	BANKING & FINANCE, I	13	2.902	2.708	6.575	8.678	3.971	3.526	3.230	2.345	2.840	3.201	2.682
711B	BANKING & FINANCE, II	3	1.528	1.528	4.933	2.082	3.786	1.000	6.351	3.055	2.309	3.215	3.215
716	CPA	9	2.504	1.035	4.743	8.280	4.132	4.307	4.375	2.816	3.462	4.241	6.346
717	ACCTANT (EXC CPA)	97	2.605	1.807	5.009	8.853	4.036	3.694	5.323	2.866	2.141	3.153	4.868
721	PURCHASING AGENT	3	1.000	1.000	5.132	7.000	1.528	4.000	8.000	4.163	3.055	1.000	4.583
722	RETAIL BUYER	27	2.573	1.847	4.756	10.247	3.826	3.437	6.123	3.093	2.836	2.931	5.144
724	ADVERTISING	22	2.269	1.345	5.011	6.510	3.880	3.115	5.401	3.377	1.474	2.636	4.612
725	PUBLIC RELATIONS	17	2.261	1.715	3.721	6.707	3.147	3.107	6.359	2.229	3.180	2.805	2.451
726	PERSONNEL ADMIN	21	1.683	1.537	4.778	4.509	3.668	3.558	3.790	3.124	2.109	2.768	4.307
727	APPRAISING/ESTIMATING	14	2.363	1.559	5.793	7.856	2.926	3.415	6.777	2.542	2.029	3.807	4.705
728	LOAN/CREDIT INVESTIG	2	2.121	0.0	5.657	15.556	4.243	1.414	1.414	0.707	4.950	0.707	0.0
730	BUS, MGMT, ADM (NEC)	26	2.415	1.696	5.785	6.695	3.501	2.974	5.713	2.756	2.514	3.620	5.318
732	WHSL/RET TRADE MGMT/MKTG	17	2.456	1.412	4.229	7.186	3.021	3.478	6.009	2.211	2.027	1.656	4.493
738	SUPERVISOR IN BUS	6	2.191	3.204	4.231	6.683	2.994	4.446	5.193	2.733	4.037	2.994	3.656
741	SALESCLERK	26	2.988	2.286	4.785	10.693	3.668	3.585	5.374	2.530	3.319	2.914	3.711
743	STOCKBROKER	2	0.707	1.414	8.485	12.728	3.536	1.414	0.707	2.828	2.828	0.707	5.657
745	REAL EST SLSMAN	5	1.643	1.643	4.722	6.573	2.074	2.074	4.025	2.168	2.702	3.082	3.194
746	INSURANCE SLSMAN	6	1.722	1.472	5.115	7.257	3.920	1.225	5.707	3.141	2.317	2.422	2.317
748	OTHER SLSMAN (NEC)	15	2.624	1.454	5.475	7.912	3.314	2.933	5.625	2.558	2.344	3.204	3.723
751	BOOKKEEPER	100	2.270	2.005	5.389	7.454	3.283	3.244	5.387	2.708	2.772	2.921	3.826
752	TELLER OR BANK CLERK	32	3.135	2.187	4.395	8.669	3.632	2.814	4.832	3.119	2.469	3.069	3.983
753	CASHIER	6	1.751	2.098	6.113	6.408	1.265	2.317	5.967	2.875	3.271	3.266	4.021
755	MISC ACCT RECDG	46	2.134	1.936	4.810	8.330	3.608	3.692	5.997	2.705	2.973	3.114	3.132
756	KEYPUNCH OP	62	2.875	2.266	4.770	9.686	3.528	3.647	5.610	2.857	2.719	3.333	4.005
757	KEYPUNCH INSTRUC	3	4.000	1.155	4.041	6.245	1.155	5.132	4.041	1.732	3.606	1.528	4.619
758	COMPUTER OP	57	2.612	1.864	6.087	9.639	3.825	3.348	5.297	2.940	3.069	3.503	4.721
761	SECRETARY (NEC)	951	2.685	1.836	5.325	7.923	3.468	3.416	5.489	2.800	2.593	3.136	3.921
762	SECRETARY-BOOKKEEPER	26	2.813	1.923	5.433	9.034	3.141	3.251	5.075	2.433	2.453	3.476	3.890
763	MED/DENT SECRETARY	33	2.634	1.638	5.791	8.998	3.481	3.781	5.777	3.314	2.879	3.382	4.241
764	LEGAL SECRETARY	45	3.823	2.127	5.588	7.793	3.732	3.820	6.212	3.524	2.676	3.715	4.751
765	STENO, CRT REPRTR	48	2.915	1.871	5.050	7.486	3.024	3.608	4.985	2.720	2.673	3.389	4.047
766	TYPIST, CLRK TYPIST	68	3.675	2.050	5.076	8.963	3.573	3.139	5.839	2.610	2.930	3.732	4.317
769	CLERK (MISC)	90	2.678	1.934	5.450	8.369	3.526	3.332	5.437	3.075	2.683	3.154	4.383
771	OFFICE SUPERVISOR	18	2.157	2.539	4.333	7.288	5.078	3.399	5.551	2.469	3.776	3.605	4.130
772	OFFICE MANAGER	14	2.547	2.751	6.395	8.591	3.167	3.056	5.638	2.129	4.031	4.106	4.586
781	PHONE, PBX OP	21	2.636	1.965	4.544	6.474	2.663	2.828	6.003	2.533	2.293	2.500	2.926
789	OTHER "PUB CONT" OCCS	33	2.699	2.123	5.510	9.254	4.298	3.601	6.051	3.374	2.701	3.677	4.092
791	RADIO, TELEGR, TELETYPE OP	6	3.266	1.366	3.830	4.082	2.280	2.041	2.658	3.742	2.944	1.722	2.582
797	MISC CLERICAL	25	2.641	2.434	4.778	9.435	3.560	3.885	5.590	3.105	2.759	3.426	3.783
798	MISC ADMINISTRATIVE	14	2.577	1.139	6.085	7.121	4.327	3.527	6.627	2.674	3.183	2.977	3.583
810	ELECTRICIAN	2	4.950	2.121	5.657	13.435	7.071	4.950	2.121	2.121	3.536	2.828	1.414
811	ELECTRONIC TECH	2	0.0	1.414	2.121	0.0	0.0	0.0	2.828	1.414	1.414	2.121	0.707
853	AUTO, BUS, TRUCK DRIVER	2	3.536	0.707	2.828	5.657	4.950	0.707	4.243	2.121	2.121	1.414	..828
861	PRINTING TRADES	5	4.775	1.817	3.421	12.300	5.404	4.393	5.857	2.775	2.646	3.082	6.760
864	DRAFTSMAN	4	3.594	1.826	4.193	11.030	3.416	2.062	3.697	3.916	2.944	3.464	4.717
865	PHOTOGRAPHY	11	2.089	1.794	5.165	9.735	3.475	3.371	5.663	3.133	2.401	2.994	5.027
866	INTERIOR DECORATOR	31	2.580	1.783	5.458	6.947	3.493	3.060	5.385	2.880	2.548	3.303	3.855
868	CLTHNG & FASHN TRADES	61	3.283	2.357	5.654	11.234	3.460	3.640	6.172	3.326	3.129	3.368	4.900
871	DIETITIAN	17	2.585	1.833	5.125	9.837	3.496	3.561	5.159	2.562	2.298	2.635	4.836
872	HOME ECONOMIST	35	2.705	1.900	5.773	7.579	3.748	3.180	4.788	2.738	2.135	2.850	5.363
873	AIRLINE STEWARD, STEWARDESS	23	2.952	1.476	5.649	9.392	3.516	2.976	5.709	2.964	1.796	3.604	4.614
881	FOOD & BEVERAGE PREP	3	2.000	1.808	2.532	5.898	2.563	3.583	5.392	2.615	3.944	1.126	2.619
891	MISC PERSONAL SERV	23	2.275	1.756	3.950	10.187	2.886	3.374	5.256	2.372	3.457	2.313	2.516
893	HAIRDRESSER	201	2.864	1.910	4.613	8.922	3.302	3.309	5.457	2.701	2.748	3.226	3.738
894	PRACTICAL NURSE	158	2.936	1.997	4.986	8.894	3.430	3.561	5.652	2.814	3.175	3.032	4.128
895	NURSES' AIDE	17	3.243	2.526	5.037	11.966	2.609	2.995	4.408	2.512	3.026	3.352	4.250
899	GENERAL LABORER	62	3.628	2.141	4.700	9.848	3.167	2.939	5.873	2.961	2.689	2.836	3.212
	TOTAL	15423	2.920	1.931	5.720	8.999	3.663	3.546	5.485	2.991	2.709	3.440	4.903

TABLE 1.2 (continued)

#	GROUP	N	MEANS										
			MTH TST(CD.)										L.I.
			ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH
			R-333	F-410	F-420	F-430	F-440	A-410	A-420	A-430	A-440	A-500	P-701
000	NO ANSWER	1522	2.940	28.624	10.418	28.783	22.133	41.373	15.501	43.776	25.414	57.486	11.970
001	DON'T KNOW	166	3.795	31.976	10.861	28.849	23.367	41.663	15.211	41.693	25.560	52.886	13.789
010	HOUSEWIFE	6163	2.972	33.293	11.496	30.452	23.417	42.981	15.939	43.103	25.901	57.864	10.921
020	NO SPEC INCOME JOB	4	1.750	35.500	7.750	35.500	23.250	38.500	14.250	42.500	24.750	49.250	14.000
101	EXECUTIVE (NEC)	2	3.000	25.500	6.500	28.500	22.500	41.500	11.500	44.500	31.500	55.500	20.000
102	FOREMAN (NEC)	2	1.000	7.000	8.000	18.000	18.000	39.000	15.000	38.000	21.000	77.000	10.000
111	WORK FOR GOVT (NEC)	31	3.903	33.226	10.065	29.290	22.065	41.355	14.387	45.677	24.710	57.516	15.387
112	IN BUS FOR SELF (NEC)	33	3.091	30.970	11.061	34.758	22.091	41.636	14.939	43.485	25.182	61.182	11.970
120	IND, BUS, COMM (NEC)	26	2.731	30.269	18.769	29.923	23.385	44.269	22.538	45.923	27.538	61.154	12.654
121	RETAIL (NEC)	2	5.500	48.000	9.000	17.500	24.500	54.000	17.000	45.500	25.500	54.500	21.500
122	TRANSPORTATION (NEC)	6	2.333	21.500	13.333	34.500	24.167	44.833	17.333	47.833	24.833	71.833	8.000
123	REAL ESTATE (NEC)	5	1.600	30.800	13.000	44.400	22.400	38.800	15.300	52.400	24.400	71.600	11.600
124	INSURANCE (NEC)	7	2.429	35.000	8.571	21.286	23.429	40.714	14.000	36.143	26.286	56.714	13.286
125	ELECTRONICS (NEC)	2	2.000	32.000	11.500	22.500	23.000	40.000	14.500	32.500	25.000	61.000	16.000
140	"WORK WITH PEOPLE" (NEC)	2	2.000	39.500	10.000	26.000	20.500	41.500	14.000	32.000	24.500	54.500	8.500
141	"WORK W CHILDREN" (NEC)	7	2.143	32.143	11.857	23.571	24.571	42.429	15.286	37.357	26.000	54.857	16.857
211	MATH, STAT	20	6.500	50.700	12.050	32.100	24.700	54.500	18.750	41.900	26.100	55.350	27.550
221	SYSTEMS ANALYST	14	7.714	46.786	10.857	32.500	22.357	50.214	19.429	41.929	24.643	50.071	23.857
222	COMPUTER PROGRAMMER	53	6.132	40.660	12.019	37.340	24.396	46.245	16.472	45.038	26.547	54.245	21.208
229	COMPUTER SPEC (NEC)	4	6.250	39.000	25.750	30.000	24.000	45.000	32.750	46.000	27.000	50.250	20.000
230	PHYSICAL SCI (NEC)	3	2.333	35.667	13.333	23.667	29.667	45.333	19.667	42.333	30.333	64.000	21.000
231	CHEMIST	15	6.400	44.933	11.200	30.800	24.733	48.933	15.733	41.733	26.067	58.267	23.933
299	PHYS SCI, LAB TECH	29	4.310	33.276	11.172	30.552	22.448	42.793	15.345	44.621	26.103	56.724	19.000
310	BIOLOGIST, ZOOLOGIST	20	5.200	41.250	9.450	32.550	26.700	47.450	15.650	40.750	27.700	63.300	21.800
315	PHARMACOLOGIST	4	7.500	40.250	12.250	33.000	30.250	47.250	14.750	40.000	30.250	55.000	18.500
316	MICROBIOLOGIST	13	4.692	44.231	12.231	39.154	27.077	50.077	21.615	55.769	28.769	60.462	22.154
317	BIOCHEMIST	8	7.125	45.125	12.125	36.750	23.625	51.625	16.375	41.750	24.375	52.250	20.875
319	OTHER CHEM SCI	3	4.333	33.667	9.667	16.000	22.000	41.667	13.667	42.667	23.667	57.000	27.333
329	MD-OTHER	8	6.500	43.250	10.625	31.500	22.250	49.250	13.125	41.000	24.750	56.750	25.125
333	VETERINARIAN	2	5.000	46.500	16.000	44.500	33.500	48.500	18.000	52.500	36.500	53.500	23.500
335	PHARMACIST	14	5.643	43.714	10.714	30.000	25.143	50.286	16.857	43.714	30.000	61.500	24.071
337	RN	591	4.305	38.120	11.931	33.171	23.878	46.567	16.208	43.755	25.963	57.068	15.912
341	DENTAL HYGIENIST	32	4.563	39.656	12.813	33.406	23.219	45.406	16.688	45.406	25.281	55.031	18.031
343	PHYSICAL THERAPIST	16	5.625	42.875	12.563	39.375	26.250	47.625	19.188	48.375	28.500	55.875	13.063
344	OCCUPATIONAL THERAP	13	4.769	45.385	11.308	38.538	25.000	49.385	17.923	45.000	24.077	60.308	15.308
346	SPEC THERAP (MISC)	15	5.000	38.333	9.333	38.800	26.600	46.867	16.267	46.533	29.933	61.533	18.533
347	MED/DENT TECHNOLOGIST	93	4.667	42.215	12.011	32.989	24.000	48.409	16.742	43.556	26.021	57.699	19.763
348	MED/DENT TECHNICIAN	138	3.167	32.406	12.333	29.630	24.232	42.493	16.232	43.804	26.681	59.435	14.225
360	PSYCHOLOGIST	47	6.298	42.809	12.106	36.872	23.702	49.340	19.702	47.511	25.447	56.255	19.702
369	PSYCH RES ASST	3	5.667	42.000	13.333	41.667	28.667	50.000	19.333	47.000	32.667	68.000	21.667
370	SOCIAL WORKER	177	4.328	35.785	11.994	35.062	23.599	45.277	16.684	46.429	25.712	59.475	15.266
371	PSYCHIATRIC SOC WRKER	12	5.500	35.417	11.750	32.167	27.000	42.417	16.533	41.833	28.333	48.333	15.667
372	COUNSELING/GUIDANCE	12	4.417	43.250	11.500	27.250	26.417	50.583	14.833	47.917	28.750	60.500	17.417
373	VOC/ED GUIDANCE	40	4.875	43.925	10.875	35.425	24.000	49.925	15.925	45.225	26.250	55.700	17.675
382	ECONOMIST	2	5.500	55.000	9.500	10.500	26.500	61.000	15.500	46.500	29.500	48.500	22.500
383	SOCIOLOGIST	2	4.000	20.000	9.000	30.000	29.500	30.000	14.000	44.000	34.500	50.500	18.500
384	ANTHROPOLOGIST	4	7.250	46.500	8.750	21.000	21.500	48.500	15.750	32.000	22.500	60.500	25.250
389	SOCIAL SCI (MISC)	6	6.167	41.000	17.167	36.667	30.167	47.667	20.167	48.000	31.833	61.333	20.500
391	POLITICIAN	5	4.200	27.800	7.400	22.800	24.000	39.800	13.800	38.800	24.800	83.400	9.600
392	DIPLOMAT	3	4.000	46.000	7.333	34.333	23.000	46.000	14.667	46.333	24.333	50.333	14.000
393	LAWYER	11	7.182	40.636	10.364	36.818	25.182	49.727	16.364	43.364	26.636	59.182	20.909
394	MARKET ANALYST	3	6.333	44.667	23.000	42.333	28.333	56.667	27.667	50.333	29.000	52.000	13.333
398	CITY PLANNER (NEC)	3	8.333	43.000	10.000	38.000	26.000	48.333	15.333	43.333	28.000	64.000	12.333
400	TEACHER (NEC)	1325	4.525	38.831	11.593	33.112	23.505	46.584	16.527	44.204	25.767	57.437	14.452
410	TCHNG YNG CHILDREN	10	4.200	36.600	14.900	35.200	26.100	44.200	18.300	44.400	27.300	49.100	16.600
411	TCHNG PRESCH CHILDREN	30	4.033	34.967	11.533	29.533	23.600	43.367	15.733	41.933	25.867	57.300	13.600
412	TEACHER-ELEM	616	4.278	38.195	11.982	32.338	23.458	45.591	16.391	43.890	25.721	56.677	13.901
420	TEACHER-HS (NEC)	81	4.630	38.383	11.111	31.272	25.407	47.568	16.049	44.012	27.185	57.938	15.346
421	TEACHER-HS MATH	36	6.972	43.194	12.222	30.083	24.722	50.306	18.000	46.194	26.444	58.833	22.833
422	TEACHER-HS SCIENCE	30	5.867	41.200	12.067	33.833	25.233	50.267	17.133	43.967	26.967	53.033	21.800
423	TEACHER-HS SOC STUD	54	4.519	39.630	13.056	33.278	24.278	46.593	16.907	49.611	25.241	60.778	15.259
424	TEACHER-ENGLISH	132	4.402	39.894	10.742	35.205	24.447	47.318	15.955	44.932	26.735	58.598	14.371
425	TEACHER-FOREIGN LANG	46	5.543	39.217	11.804	33.217	23.913	49.174	15.630	42.174	25.435	50.717	15.261
426	TEACHER-COMM ED	57	3.019	36.632	12.491	30.754	23.632	45.053	16.912	44.158	25.702	57.614	10.807
427	TEACHER-HS HOME EC	68	4.176	39.250	10.691	32.103	24.574	45.779	16.662	43.863	25.838	56.279	13.647
428	TEACHER-TRADES	4	4.500	36.250	11.750	41.000	23.000	44.250	17.250	53.000	23.500	62.250	19.250
429	TEACHER-PHYS ED	59	4.492	35.780	11.915	35.576	23.441	46.559	16.424	47.305	26.559	59.373	16.288
431	TEACHER-ART	50	4.540	37.820	10.540	27.680	25.720	43.820	15.140	41.360	27.000	52.680	14.960
432	TEACHER-MUSIC	65	4.000	36.015	10.800	30.831	22.938	45.969	16.923	43.200	25.431	56.062	14.708
440	TEACHER-HANDICAPPED	70	4.243	34.643	12.914	36.729	26.286	46.986	17.800	45.786	28.286	59.443	14.229
441	SPEECH THERAPIST	39	4.462	36.795	12.590	32.974	24.103	45.000	15.667	42.513	26.205	58.538	15.538
450	SCHOOL ADM (EXC COLL)	5	4.200	35.000	13.600	40.000	23.600	39.800	16.400	47.200	26.800	54.600	17.400
460	COLL/UNIV TCHR (NEC)	127	5.701	38.495	11.047	34.093	25.000	47.766	16.598	45.271	27.374	58.925	19.150
461	COLL/UNIV TCHR-MATH	10	7.800	43.300	13.600	39.100	24.100	54.100	19.200	47.500	25.300	63.700	24.800
462	COLL/UNIV TCHR-SCIENCE	17	8.294	45.059	11.941	37.294	26.235	49.294	16.176	43.412	25.941	54.471	26.471
463	COLL/UNIV TCHR-SOC SCI	16	5.250	47.375	10.063	34.750	21.938	50.625	18.563	47.250	24.813	59.688	17.188
464	COLL/UNIV TCHR-ENGLISH	32	4.188	43.313	12.438	32.375	26.344	48.438	16.688	42.375	27.344	57.531	19.875
465	COLL/UNIV TCHR-FOR LANG	19	5.842	45.316	13.632	36.368	24.105	50.158	17.737	45.632	26.000	55.789	18.158
470	COLL/UNIV TCHR-ADM	4	5.750	33.000	22.250	31.750	28.250	51.000	25.250	48.750	29.250	59.250	14.500
499	AUX JOBS IN EDUC	3	1.000	34.667	12.667	33.000	23.000	41.333	15.333	45.000	23.667	42.000	26.000
511	LIBRARIAN	77	4.714	35.493	11.571	32.714	22.688	45.104	15.831	44.091	25.000	57.883	14.870
521	CLERGYMAN	7	3.286	44.857	11.714	28.286	25.000	48.857	15.714	37.429	26.429	69.857	18.000
522	MONK, BROTHER, NUN	29	4.621	37.655	10.552	30.276	24.379	45.103	14.552	40.621	25.828	49.448	17.828

TABLE 1.2 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			MTH TST(CD.)										I.I.
			ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH
			B-333	F-410	F-420	F-430	F-440	A-410	A-420	A-430	A-440	A-500	P-701
000	NO ANSWER	1522	2.076	20.919	8.473	19.827	7.871	9.938	8.123	14.878	6.804	21.192	7.835
001	DON'T KNOW	156	2.662	15.532	7.097	16.289	7.692	9.487	6.562	13.585	7.513	16.414	8.504
010	HOUSEWIFE	6168	2.078	16.316	7.413	17.858	7.092	9.094	7.630	13.561	6.512	20.493	7.382
020	NO SPEC INCOME JOB	4	1.708	2.887	2.630	8.583	2.872	1.732	5.560	8.426	1.708	7.228	10.033
101	EXECUTIVE (NEC)	2	0.0	2.121	0.707	4.950	10.607	3.536	4.950	6.364	2.121	19.092	11.314
102	FOREMAN (NEC)	2	0.0	50.912	0.0	8.485	7.071	22.627	4.243	14.142	2.828	46.669	9.899
111	WORK FOR GOVT (NEC)	31	3.070	15.496	5.756	18.347	7.375	12.513	6.114	12.888	6.133	21.616	9.436
112	IN BUS FOR SELF (NEC)	23	1.990	15.310	6.388	18.707	9.599	10.523	5.466	17.030	8.454	17.098	6.147
120	IND, BUS, COMM (NEC)	26	2.031	16.699	15.542	17.085	8.045	10.865	16.222	17.392	8.155	31.009	9.037
121	RETAIL (NEC)	2	2.121	2.828	0.0	13.435	9.192	0.0	2.828	13.435	7.778	27.577	4.950
122	TRANSPORTATION (NEC)	5	1.966	38.041	5.502	18.523	9.109	10.778	9.374	20.517	8.519	28.576	8.877
123	REAL ESTATE (NEC)	5	1.673	13.809	9.566	18.623	7.797	6.535	8.701	18.836	8.989	41.717	8.142
124	INSURANCE (NEC)	7	1.512	10.279	5.094	22.463	3.690	5.251	5.686	12.747	4.152	11.086	7.868
125	ELECTRONICS (NEC)	2	1.414	7.071	0.707	14.849	2.828	1.414	0.707	6.364	0.0	36.770	4.243
140	"WORK WITH PEOPLE" (NEC)	2	1.414	3.536	1.414	5.657	3.536	0.707	1.414	2.828	2.121	23.335	0.707
141	"WORK W CHILDREN" (NEC)	7	2.116	8.688	5.900	16.602	7.635	3.155	2.628	16.036	6.683	11.682	3.891
211	MATH, STAT	20	2.544	9.108	4.310	12.727	5.895	8.550	3.851	8.226	6.146	17.178	5.942
221	SYSTEMS ANALYST	14	2.730	8.772	4.975	13.358	5.597	7.361	4.274	9.539	5.017	11.539	7.989
222	COMPUTER PROGRAMMER	53	3.101	9.994	4.204	14.389	7.373	8.392	4.770	13.804	6.603	17.646	9.130
229	COMPUTER SPEC (NEC)	4	3.096	10.296	29.982	22.716	10.583	8.124	26.625	20.494	9.018	20.435	13.392
230	PHYSICAL SCI (NEC)	3	2.517	11.676	2.517	8.083	9.074	4.509	9.815	5.774	8.737	12.166	9.849
231	CHEMIST	15	1.765	8.892	4.858	17.539	7.759	6.519	3.576	10.457	7.704	22.212	8.948
299	PHYS SCI, LAB TECH	23	2.904	15.446	6.959	19.926	8.567	11.207	6.537	15.564	7.729	19.559	8.602
310	BIOLOGIST, ZOOLOGIST	20	2.931	9.743	5.987	18.071	7.138	9.682	7.415	14.334	7.313	28.684	7.302
315	PHARMACOLOGIST	6	2.646	5.560	3.403	8.287	6.551	2.986	3.304	4.690	6.551	7.616	7.853
316	MICROBIOLOGIST	12	1.974	15.023	12.451	18.161	10.704	10.020	7.784	12.722	10.256	14.621	5.080
317	BIOCHEMIST	8	1.246	10.789	2.749	9.346	6.675	7.855	3.623	7.086	6.323	9.301	11.294
319	OTHER CHEM SCI	3	3.055	5.132	6.351	6.557	8.000	5.508	6.658	27.209	10.263	28.471	3.512
329	MD-OTHER	8	2.563	13.802	3.420	8.036	3.284	9.483	3.271	6.118	1.488	16.167	8.709
333	VETERINARIAN	2	1.414	2.121	4.243	2.121	4.950	0.707	4.243	3.536	3.536	0.707	7.778
335	PHARMACIST	14	2.134	15.399	4.375	18.514	9.130	10.179	3.697	12.149	5.670	13.461	8.109
337	RN	551	2.186	14.609	6.418	16.556	6.475	7.817	6.480	12.826	6.220	18.449	7.055
341	DENTAL HYGIENIST	32	2.299	13.849	5.438	17.649	6.009	10.466	4.922	11.427	5.088	18.042	7.872
343	PHYSICAL THERAPIST	16	1.857	10.366	6.132	22.202	8.299	6.956	5.706	9.287	7.755	13.421	6.577
344	OCCUPATIONAL THERAP	12	2.351	7.676	4.803	11.530	7.627	8.262	3.730	9.495	7.889	20.758	8.654
346	SPEC THERAP (MISC)	15	1.773	5.888	4.515	14.374	5.705	6.116	2.492	13.881	6.006	21.061	10.211
347	MED/DENT TECHNOLOGIST	51	1.996	11.461	5.321	15.940	7.046	7.992	5.097	13.609	6.972	18.783	7.646
348	MED/DENT TECHNICIAN	133	2.187	13.743	7.284	18.071	6.624	9.987	7.209	14.298	6.748	23.048	8.538
360	PSYCHOLOGIST	47	2.874	8.749	6.179	16.996	6.307	8.127	5.722	14.891	6.573	14.268	8.306
369	PSYCH RES ASST	3	2.082	10.440	4.933	14.434	1.155	11.533	5.508	19.468	4.163	5.292	8.505
370	SOCIAL WORKER	177	2.459	17.505	6.742	20.003	6.048	8.456	7.206	14.452	5.887	24.017	8.185
371	PSYCHIATRIC SOC WRKER	12	2.431	13.780	5.956	11.101	6.902	7.428	3.895	11.134	6.199	14.355	8.690
372	COUNSELING/GUIDANCE	12	2.712	11.553	2.714	30.422	3.848	6.345	3.904	9.160	4.454	14.903	7.621
373	VOC/ED GUIDANCE	60	2.893	10.422	4.778	20.717	7.355	7.818	4.414	11.969	6.732	22.690	8.879
382	ECONOMIST	2	0.707	7.071	4.950	26.163	0.707	15.556	7.778	7.778	0.707	30.406	9.192
383	SOCIOLOGIST	2	0.0	0.0	5.657	9.899	3.536	2.828	7.071	7.071	7.778	0.707	3.536
384	ANTHROPOLOGIST	6	2.986	15.695	8.221	3.559	3.416	14.364	2.062	5.715	3.000	6.658	12.447
389	SOCIAL SCI (MISC)	6	4.167	10.296	11.923	16.170	5.707	8.937	13.467	22.795	6.047	43.546	3.271
391	POLITICIAN	5	4.919	10.378	3.847	18.458	6.633	2.775	1.789	11.606	5.020	49.692	8.019
392	DIPLOMAT	3	2.000	13.077	1.155	11.150	2.646	13.077	1.155	11.150	2.082	10.693	8.185
393	LAWYER	11	2.676	14.362	2.248	10.543	3.545	9.264	2.942	6.592	3.171	17.[illegible]16	12.012
394	MARKET ANALYST	2	2.309	7.234	17.349	17.214	8.505	13.869	18.502	20.984	9.644	10.000	3.786
398	CITY PLANNER (NEC)	3	4.041	6.557	1.000	5.000	4.583	9.737	1.528	4.726	5.568	5.292	7.371
400	TEACHER (NEC)	1326	2.389	12.859	6.858	16.305	6.736	9.153	6.893	12.724	6.246	18.701	7.984
410	TCHNG YNG CHILDREN	10	2.936	12.660	7.430	14.320	4.095	10.528	9.476	12.518	3.917	15.864	7.367
411	TCHNG PRESCH CHILDREN	30	2.710	13.558	5.476	14.952	6.683	8.185	5.192	10.882	6.776	17.007	6.484
412	TEACHER-ELEM	616	2.357	13.152	6.874	17.018	6.757	7.806	6.890	12.658	6.413	21.404	7.873
420	TEACHER-HS (NEC)	91	2.624	15.334	5.718	15.839	6.180	8.994	4.853	11.464	6.122	23.261	8.605
421	TEACHER-HS MATH	36	2.348	15.209	6.311	24.328	7.386	8.335	6.912	14.792	7.431	20.481	7.718
422	TEACHER-HS SCIENCE	30	2.837	13.288	6.518	15.554	6.420	8.021	7.001	14.740	6.425	12.422	8.600
423	TEACHER-HS SOC STUD	64	2.321	12.779	9.502	17.751	6.467	7.764	9.231	14.262	6.375	19.125	8.414
424	TEACHER-ENGLISH	132	2.370	12.024	5.186	16.468	6.861	7.791	4.847	12.520	6.452	21.335	7.614
425	TEACHER-FOREIGN LANG	46	2.168	17.994	7.132	13.884	5.236	8.810	6.661	11.168	5.171	13.276	9.760
426	TEACHER-COMM ED	57	1.620	13.686	9.495	15.037	7.100	9.412	9.261	13.070	6.322	22.636	7.195
427	TEACHER-HS HOME EC	68	2.375	10.586	7.101	16.421	6.461	7.629	8.577	11.916	5.939	22.057	6.731
428	TEACHER-TRADES	4	1.291	21.329	2.217	7.703	3.651	12.920	2.872	9.832	4.123	15.086	12.312
429	TEACHER-PHYS ED	60	2.247	10.193	5.177	15.781	8.127	8.118	4.886	14.547	7.290	17.760	7.645
431	TEACHER-ART	62	2.358	10.195	4.016	19.443	7.530	7.816	5.039	13.609	7.682	16.086	8.398
432	TEACHER-MUSIC	46	2.494	18.644	6.852	14.449	6.989	8.805	9.171	11.587	6.167	22.760	8.805
440	TEACHER-HANDICAPPED	70	2.156	24.048	5.359	16.914	7.273	7.490	5.029	12.819	7.273	20.140	8.318
441	SPEECH THERAPIST	30	2.246	11.728	5.447	14.971	7.380	8.379	6.106	13.151	6.416	17.155	7.518
450	SCHOOL ADM (EXC COLL)	5	3.271	11.446	6.618	14.089	9.343	11.054	6.309	15.222	6.058	13.631	5.320
460	COLL/UNIV TCHR (NEC)	127	2.603	17.997	7.248	15.550	5.756	8.076	7.111	13.048	5.217	18.416	7.730
461	COLL/UNIV TCHR-MATH	10	2.898	19.866	9.834	15.366	8.198	9.712	8.066	18.555	8.407	28.060	7.983
462	COLL/UNIV TCHR-SCIENCE	17	2.085	9.045	5.238	13.303	6.006	6.498	4.142	10.241	6.280	16.260	7.019
463	COLL/UNIV TCHR-SOC SCI	16	2.887	8.539	3.586	20.777	6.403	6.761	4.990	15.343	5.636	21.546	10.458
464	COLL/UNIV TCHR-ENGLISH	22	2.669	9.865	3.793	13.217	5.790	6.059	3.856	10.342	5.938	18.610	10.022
465	COLL/UNIV TCHR-FOR LANG	19	3.701	8.628	7.661	11.092	5.446	6.449	6.590	11.011	5.260	18.177	6.833
470	COLL/UNIV TCHR-ADM	4	1.893	24.617	20.451	31.288	4.425	5.715	19.534	11.529	4.349	11.701	7.937
499	AUX JOBS IN EDUC	3	1.000	33.650	6.658	29.462	9.849	27.574	6.028	21.071	10.693	19.001	6.557
511	LIBRARIAN	77	2.564	14.868	4.306	15.295	5.943	9.146	4.824	14.310	5.140	25.421	9.523
521	CLERGYMAN	7	1.604	9.494	1.254	8.693	4.243	9.839	2.360	3.994	4.198	34.561	9.220
522	MONK, BROTHER, NUN	23	1.656	11.188	4.032	15.429	5.428	10.523	3.869	10.936	5.892	17.233	7.788

TABLE 1.2 (continued)

#	GROUP	N	MEANS										
			MTH TST(CD.)										I.I.
			ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH
			R-333	F-410	F-420	F-430	F-440	A-410	A-420	A-430	A-440	A-500	P-701
523	RELIG WORKER (OTHER)	35	3.886	36.000	10.971	30.171	23.000	43.657	15.571	44.914	25.171	59.000	12.514
531	WRITER (NEC)	28	3.857	35.571	10.107	37.179	24.393	43.571	15.250	46.321	25.821	56.071	13.643
532	FICTION WRITER	5	4.400	40.400	5.600	26.400	22.000	45.200	16.400	40.000	23.200	59.800	10.000
533	NONFIC WRTR (EXC JRNLIST)	5	5.200	23.400	10.600	32.000	24.600	54.600	17.400	51.200	29.800	49.800	23.000
534	JOURNALIST/REPORTER	23	3.826	38.783	9.130	33.391	22.826	45.043	13.478	38.435	24.130	56.696	14.652
536	PUBLISHER, ETC.	4	4.500	37.000	13.500	37.750	24.000	46.000	16.500	41.750	26.000	52.000	17.250
537	EDITOR	10	6.400	44.400	12.600	44.500	26.400	48.400	20.200	51.700	28.000	52.400	17.700
539	TRANSLAT, INTERPR, LINGST	13	4.385	34.615	11.538	27.462	23.077	43.231	16.000	44.385	26.000	56.231	13.615
541	FINE ARTS	42	4.452	31.881	11.310	33.786	26.595	45.405	16.500	45.119	29.310	54.310	14.643
545	COMM ARTIST	35	3.600	28.314	8.943	28.229	24.371	40.657	14.429	42.971	25.714	59.286	13.629
547	DESIGNER (CONS GDS)	3	6.667	52.333	14.667	41.667	33.333	60.333	20.667	45.667	34.667	57.667	31.333
551	MUSICIAN	7	5.857	44.714	9.286	40.571	21.714	49.286	16.000	47.429	23.714	69.571	19.714
552	SINGER	13	3.308	23.385	8.462	21.077	19.077	44.000	13.077	39.231	24.154	55.000	12.923
559	MUSIC-RELATED (MISC)	2	2.000	24.500	9.000	37.000	23.000	42.500	12.000	43.000	27.000	57.000	13.500
560	DANCER, CHOREOG	12	2.833	20.833	9.083	23.417	22.917	38.833	14.083	40.417	25.583	46.583	10.583
571	ACTOR	8	3.875	22.125	12.000	32.875	26.375	44.625	14.750	48.875	27.125	74.375	9.875
572	THEATRICAL DIRECTING	2	2.500	17.500	9.500	25.500	24.500	41.500	12.500	42.500	25.500	46.000	12.500
575	THEATRE (OTHER)	11	4.636	31.636	9.364	23.636	24.455	44.000	15.545	43.273	28.091	55.636	15.364
579	MISC PERF ARTS	3	3.333	35.333	22.333	31.667	26.000	43.333	25.000	46.333	29.000	59.000	7.333
581	MODEL	8	2.625	24.500	13.750	34.250	24.750	36.000	18.500	49.750	29.750	61.750	9.750
611	PRO ATHLETE	2	3.000	36.000	15.000	51.500	33.500	44.000	22.000	59.500	33.500	73.000	14.000
621	RECREATION DIR	8	2.750	30.250	12.250	33.000	20.125	40.750	17.250	42.000	22.125	59.500	12.750
631	FARM/RANCH OWNER	3	5.000	29.333	10.000	40.333	19.333	40.000	14.667	51.000	20.000	48.333	5.333
639	FARMING (OTHER)	4	3.000	35.000	12.500	30.250	24.500	47.000	19.500	43.250	27.000	67.750	18.750
661	POLICE (PUBLIC)	5	3.400	29.000	9.800	22.600	26.800	42.600	13.000	41.000	29.600	46.200	12.000
711A	BANKING & FINANCE, I	13	1.615	34.615	13.231	36.308	25.769	43.231	17.538	47.077	28.538	68.000	13.462
711B	BANKING & FINANCE, II	3	6.333	38.667	10.333	49.000	32.000	48.000	16.333	59.667	33.333	52.667	9.333
716	CPA	8	4.250	34.375	14.375	38.625	23.125	42.375	17.875	45.125	25.375	54.625	18.500
717	ACCTANT (EXC CPA)	37	3.586	39.046	12.379	31.575	24.494	45.391	16.402	43.575	26.425	56.690	13.299
721	PURCHASING AGENT	3	3.667	46.000	15.333	47.000	24.667	47.333	17.333	47.000	25.333	53.333	15.667
722	RETAIL BUYER	27	4.185	34.630	13.000	33.815	22.630	43.667	17.667	43.593	27.667	61.667	11.815
724	ADVERTISING	23	4.391	42.870	11.957	39.304	27.043	48.609	16.304	48.000	30.261	66.739	11.609
725	PUBLIC RELATIONS	17	3.059	34.588	10.706	32.059	23.647	47.529	14.353	44.059	25.647	63.941	9.059
726	PERSONNEL ADMIN	21	4.905	35.619	10.714	30.524	23.857	46.667	15.476	43.857	25.714	63.905	17.524
727	APPRAISING/ESTIMATING	16	3.500	32.250	12.375	26.500	25.250	43.750	16.750	42.250	26.750	57.063	13.000
728	LOAN/CREDIT INVESTIG	2	2.500	33.500	8.000	26.000	14.000	45.500	15.000	44.000	21.000	48.500	4.500
730	BUS, MGMT, ADM (NEC)	26	3.923	33.154	9.846	30.385	21.731	44.538	19.231	44.231	26.115	57.115	14.231
732	WHSL/RET TRADE MGMT/MKTG	17	4.000	38.765	13.471	35.294	26.882	45.824	19.235	45.412	28.882	54.765	12.706
738	SUPERVISOR IN BUS	6	2.333	26.167	17.000	30.667	26.333	35.500	20.333	48.000	27.667	53.500	11.500
741	SALESCLERK	36	2.472	31.806	9.417	22.278	19.139	39.028	12.750	36.611	21.806	54.444	9.194
743	STOCKBROKER	2	1.500	37.000	-1.500	21.500	29.000	45.000	18.500	47.500	32.000	44.500	11.000
745	REAL EST SLSMAN	5	3.200	36.600	11.800	25.600	25.800	43.800	13.800	48.800	28.200	47.600	9.600
746	INSURANCE SLSMAN	6	2.333	18.333	10.833	26.667	25.000	36.333	15.500	44.000	26.000	58.000	10.333
748	OTHER SLSMAN (NEC)	15	2.800	33.600	13.067	38.867	25.533	41.600	17.200	50.867	27.133	66.400	9.600
751	BOOKKEEPER	100	2.920	34.530	11.760	30.300	23.250	44.170	16.140	43.620	25.950	62.350	10.920
752	TELLER OR BANK CLERK	32	2.750	28.313	9.063	22.500	22.688	41.913	14.000	41.975	25.563	58.719	11.125
753	CASHIER	6	2.667	44.333	11.333	45.667	25.500	51.000	15.000	49.000	26.500	70.500	8.000
755	MISC ACCT RECDG	46	2.348	32.609	12.500	34.630	25.130	45.391	17.500	49.326	28.130	65.609	11.065
756	KEYPUNCH OP	59	2.638	33.349	10.029	29.725	22.783	42.101	14.596	44.203	25.333	58.609	13.377
757	KEYPUNCH INSTRUC	3	3.333	31.000	6.333	18.333	20.667	37.667	17.000	38.333	22.667	54.333	10.333
758	COMPUTER OP	57	2.544	32.421	11.877	31.386	23.333	41.614	15.667	43.877	25.368	52.246	12.368
761	SECRETARY (NEC)	951	2.760	33.799	11.663	30.120	23.095	43.435	16.177	43.962	25.694	58.523	10.519
762	SECRETARY-BOOKKEEPER	26	2.885	40.577	13.192	35.038	23.923	47.346	18.500	46.731	26.077	62.923	10.192
763	MED/DENT SECRETARY	39	2.923	33.205	10.333	30.821	22.436	42.846	14.436	42.000	23.821	54.872	11.769
764	LEGAL SECRETARY	45	3.400	34.822	13.089	34.911	24.467	44.689	16.600	47.178	27.267	59.378	9.600
765	STENO, CRT REPRTR	48	2.729	36.208	12.542	33.938	24.417	44.875	17.208	46.604	26.542	62.042	12.042
766	TYPIST, CLRK TYPIST	68	2.647	28.647	10.544	23.015	20.809	40.353	15.044	42.544	23.544	52.662	10.897
769	CLERK (MISC)	99	2.657	31.586	9.848	31.778	21.747	41.606	15.303	43.050	24.717	56.364	10.960
771	OFFICE SUPERVISOR	18	3.667	36.389	9.000	24.222	22.833	45.056	16.556	44.222	26.278	64.389	11.667
772	OFFICE MANAGER	14	3.429	29.500	15.571	34.357	22.571	43.786	20.286	45.500	24.429	58.286	10.429
781	PHONE, PBX OP	21	2.810	26.048	9.619	21.810	19.905	39.381	13.905	44.476	25.524	58.952	11.048
789	OTHER "PUB CONT" OCCS	38	2.474	30.447	12.553	30.316	25.079	42.763	17.237	44.421	28.132	56.237	10.368
791	RADIO, TELEGR, TELETYPE OP	6	2.333	39.333	11.667	27.000	23.333	45.333	14.333	41.667	24.667	55.667	17.333
797	MISC CLERICAL	25	2.360	23.800	11.680	29.760	19.920	43.960	17.520	44.320	24.880	63.880	14.320
798	MISC ADMINISTRATIVE	14	5.429	42.786	9.143	29.714	23.500	46.500	13.714	45.857	25.786	60.429	13.071
810	ELECTRICIAN	2	1.500	35.000	10.500	27.500	25.000	39.000	13.500	39.500	25.000	93.500	4.000
811	ELECTRONIC TECH	2	2.500	8.000	6.000	29.500	27.000	24.000	10.000	49.500	28.000	54.000	11.000
853	AUTO, BUS, TRUCK DRIVER	2	3.000	35.000	8.500	15.000	22.500	45.000	12.500	43.000	23.500	70.000	12.000
861	PRINTING TRADES	5	4.400	11.200	12.000	34.600	23.000	49.600	16.400	37.800	24.200	53.000	13.000
864	DRAFTSMAN	4	2.750	24.250	7.750	25.500	19.000	39.250	11.750	39.500	25.500	62.000	25.500
865	PHOTOGRAPHY	11	3.182	36.818	11.364	38.636	24.273	44.091	15.909	48.091	27.545	58.727	14.909
866	INTERIOR DECORATOR	31	3.645	33.484	12.226	31.613	24.839	42.129	16.290	45.677	27.548	53.806	12.968
868	CLTHNG & FASHN TRADES	41	2.756	21.878	8.683	24.732	21.415	42.366	14.049	44.146	25.171	58.634	10.537
871	DIETITIAN	17	4.412	38.588	11.647	31.294	25.941	45.412	16.118	42.588	27.941	65.941	18.471
872	HOME ECONOMIST	35	3.914	37.429	13.800	33.857	24.257	44.629	17.571	42.314	25.714	56.743	14.086
873	AIRLINE STEWARD, STEWARDESS	23	3.870	36.304	10.478	37.522	25.217	44.130	19.174	47.087	27.130	58.957	12.217
881	FOOD & BEVERAGE PREP	8	1.500	20.125	8.250	17.125	17.750	38.625	13.250	45.125	23.250	66.875	11.625
891	MISC PERSONAL SERV	23	1.739	26.826	7.261	21.609	19.522	40.391	13.783	41.261	22.478	54.609	10.391
893	HAIRDRESSER	201	2.438	26.378	11.080	24.607	22.945	39.214	15.100	42.935	25.642	58.935	10.935
894	PRACTICAL NURSE	168	2.619	30.089	10.226	25.202	21.738	40.804	14.988	42.321	24.548	58.792	14.018
895	NURSES' AIDE	17	2.118	20.471	6.471	26.353	17.647	34.118	12.235	45.176	22.000	64.294	11.176
899	GENERAL LABORER	62	2.323	27.097	10.097	29.048	22.210	39.677	16.065	45.177	24.952	54.661	11.355
	TOTAL	15423	3.453	34.196	11.405	30.928	23.381	43.817	16.054	43.687	25.881	57.749	12.620

TABLE 1.2 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			MTH TST(CD.)										I.I.
			ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH
			R-333	F-410	F-420	F-430	F-440	A-410	A-420	A-430	A-440	A-500	P-701
523	RELIG WORKER (OTHER)	35	2.298	12.975	5.255	16.395	7.380	9.152	6.784	12.634	6.841	13.994	6.814
531	WRITER (NEC)	29	2.578	10.483	5.600	17.142	7.365	9.628	7.619	15.651	7.424	16.609	7.544
532	FICTION WRITER	5	2.881	9.813	6.986	21.686	7.036	11.256	6.229	20.187	7.050	18.992	9.354
533	NONFIC WRTR (EXC JRNLIST)	5	3.633	46.747	3.647	18.480	2.881	10.262	3.782	18.992	5.891	29.218	8.093
534	JOURNALIST/REPORTER	23	2.516	15.184	3.429	11.908	4.559	8.488	4.640	10.045	4.615	14.947	7.679
536	PUBLISHER, ETC.	4	2.887	10.551	5.447	13.889	14.491	8.206	4.359	10.500	14.166	13.928	8.883
537	EDITOR	10	2.221	8.099	5.481	13.826	2.271	5.400	6.015	13.573	3.197	8.017	8.486
539	TRANSLAT, INTERPR, LINGST	12	1.938	23.863	5.995	13.992	5.090	7.452	5.902	11.544	5.788	15.249	6.410
541	FINE ARTS	42	2.998	17.561	5.005	15.118	5.768	8.568	9.118	12.905	6.580	14.626	9.150
545	COMM ARTIST	35	2.265	20.726	5.562	21.518	6.585	8.585	4.804	14.474	5.534	20.734	7.436
547	DESIGNER (CONS GDS)	3	2.082	11.151	1.528	6.429	4.509	10.970	2.887	9.866	4.726	0.580	7.506
551	MUSICIAN	7	3.976	7.973	7.204	24.013	10.161	8.301	7.789	26.318	11.856	45.368	11.856
552	SINGER	13	1.974	36.845	3.597	21.658	11.521	10.551	4.232	8.814	9.379	14.770	6.563
559	MUSIC-RELATED (MISC)	2	1.414	9.192	2.828	22.627	7.071	4.950	1.414	19.799	7.071	11.314	6.364
560	DANCER, CHOREOG	12	3.040	18.732	7.255	23.983	8.218	6.952	5.885	14.625	8.218	20.251	6.345
571	ACTOR	9	2.295	35.990	5.831	26.670	6.906	12.443	5.574	16.366	7.298	27.989	6.312
572	THEATRICAL DIRECTING	2	0.707	23.335	2.121	2.121	2.121	4.950	0.707	2.121	0.707	1.414	0.707
575	THEATRE (OTHER)	11	2.803	20.675	5.784	18.965	9.501	13.161	4.156	10.470	7.134	27.598	8.936
579	MISC PERF ARTS	3	1.528	12.014	18.824	35.303	8.544	10.786	18.358	17.039	8.544	13.528	7.095
581	MODEL	9	1.685	11.844	7.778	21.822	7.555	6.234	7.426	16.167	6.628	18.645	3.919
611	PRO ATHLETE	2	0.0	15.556	4.243	17.678	7.778	9.899	11.314	6.364	7.778	42.426	8.485
621	RECREATION DIR	8	2.493	9.982	15.926	27.087	8.951	7.459	14.240	20.171	9.538	24.360	9.939
631	FARM/RANCH OWNER	3	1.000	13.051	2.646	22.279	2.517	7.810	0.577	20.075	3.606	10.970	3.786
639	FARMING (OTHER)	4	0.0	5.477	7.234	19.190	2.380	4.082	10.083	16.919	4.830	29.915	9.215
661	POLICE (PUBLIC)	5	0.894	16.078	1.924	14.724	5.541	8.562	1.581	9.487	7.570	16.559	8.860
711A	BANKING & FINANCE, I	13	1.193	14.967	7.758	12.358	5.732	8.056	8.847	15.052	5.995	33.377	7.677
711B	BANKING & FINANCE, II		2.517	17.243	5.508	18.248	8.185	9.165	5.508	20.648	7.371	14.742	8.505
716	CPA	9	3.495	7.782	13.731	15.127	6.289	7.782	12.241	14.177	7.782	8.700	12.558
717	ACCTANT (EXC CPA)	97	2.390	11.715	5.230	16.720	6.751	7.954	5.211	13.126	6.742	17.507	8.328
721	PURCHASING AGENT	3	2.082	5.000	3.055	6.557	1.528	5.508	2.309	6.557	0.577	7.638	8.327
722	RETAIL BUYER	27	2.589	14.348	9.888	15.445	10.441	8.115	9.278	13.810	6.439	17.524	8.932
724	ADVERTISING	23	1.006	9.547	[illegible]	14.748	8.880	5.606	5.668	13.301	7.927	32.370	4.793
725	PUBLIC RELATIONS	14	1.301	10.211	2.910	17.580	5.623	11.517	2.893	14.337	6.010	12.367	4.815
726	PERSONNEL ADMIN	21	2.469	15.259	2.572	19.446	7.052	9.270	4.457	13.085	6.857	25.324	7.600
727	APPRAISING/ESTIMATING	15	2.000	14.763	6.376	19.180	6.981	8.120	4.091	13.107	7.169	20.375	11.255
728	LOAN/CREDIT INVESTIG	2	3.536	13.435	1.414	9.899	12.728	7.778	2.828	4.243	5.657	6.364	4.950
730	BUS, MGMT, ADM (NEC)	26	2.038	13.561	12.243	20.020	10.675	7.737	12.897	13.574	6.127	19.221	7.977
732	WHSL/RET TRADE MGMT/MKTG	17	1.936	12.503	11.684	13.008	6.508	7.994	11.222	15.593	7.457	17.584	9.577
738	SUPERVISOR IN BUS	6	2.503	13.393	15.646	20.973	7.285	9.333	13.426	19.110	8.959	3.726	5.394
741	SALESCLERK	36	1.594	13.450	5.385	14.793	8.047	9.422	4.384	14.399	7.091	16.623	6.585
743	STOCKBROKER	2	0.707	7.071	17.678	23.335	2.828	7.071	2.121	9.192	4.243	6.364	5.657
745	REAL EST SLSMAN	5	2.280	14.536	3.834	35.465	3.633	10.183	3.271	11.498	4.382	14.206	9.017
746	INSURANCE SLSMAN	6	1.366	15.371	6.178	27.245	9.295	10.558	6.156	21.550	10.060	6.870	8.710
748	OTHER SLSMAN (NEC)	15	1.897	6.501	10.215	19.313	6.446	5.705	10.087	16.488	6.875	28.625	7.258
751	BOOKKEEPER	100	2.259	17.029	5.903	15.865	7.488	8.201	6.278	13.479	5.989	20.445	7.959
752	TELLER OR BANK CLERK	32	1.646	15.497	6.069	18.987	5.975	8.468	5.842	13.583	6.853	20.415	5.835
753	CASHIER	6	1.751	11.776	3.327	17.119	7.556	7.797	4.817	17.413	6.595	38.391	5.215
755	MISC ACCT RECDG	46	1.402	17.471	7.533	22.537	7.280	8.701	6.950	18.056	7.111	23.403	8.681
756	KEYPUNCH OP	60	1.757	12.357	6.479	19.606	7.372	7.643	5.521	16.163	6.314	18.406	7.515
757	KEYPUNCH INSTRUC	3	0.577	3.464	6.506	26.502	10.599	5.033	7.810	16.442	11.930	22.121	7.024
758	COMPUTER OP	57	1.743	17.149	8.878	18.227	7.029	10.660	9.544	15.952	7.223	19.635	6.973
761	SECRETARY (NEC)	951	1.896	16.182	7.625	18.936	6.907	8.845	7.529	13.477	6.515	22.245	7.188
762	SECRETARY-BOOKKEEPER	26	1.796	9.567	8.514	17.789	5.932	7.216	7.845	13.466	5.321	27.543	7.305
763	MED/DENT SECRETARY	33	1.783	11.108	6.063	17.293	7.210	6.580	5.215	12.927	7.465	14.133	7.499
764	LEGAL SECRETARY	55	2.270	17.594	5.865	19.553	7.076	10.133	5.960	14.023	6.129	22.698	7.518
765	STENO, CRT REPRTR	49	2.029	12.735	10.183	15.282	5.618	8.162	10.133	13.813	6.355	24.559	7.418
766	TYPIST, CLRK TYPIST	42	2.035	25.008	8.265	24.958	6.970	10.746	8.010	13.485	6.794	15.938	6.877
769	CLERK (MISC)	99	2.105	16.870	6.505	18.543	7.367	8.757	6.893	13.700	6.684	27.837	6.859
771	OFFICE SUPERVISOR	18	2.376	17.978	8.353	26.459	7.725	6.005	6.662	13.207	6.551	17.570	7.300
772	OFFICE MANAGER	14	2.593	29.443	17.324	19.025	7.154	10.942	17.336	17.853	7.335	15.158	7.335
781	PHONE, PBX OP	21	1.365	12.014	6.111	18.592	7.266	8.267	7.314	14.088	6.013	27.547	7.419
789	OTHER "PUB CONT" OCCS	38	1.969	14.001	7.055	19.991	7.434	9.098	7.488	14.271	7.462	22.605	6.643
791	RADIO, TELEGR, TELETYPE OP	6	1.033	6.653	2.582	13.900	6.919	4.844	4.320	9.158	6.743	14.278	8.501
797	MISC CLERICAL	25	1.753	34.294	11.324	16.902	10.836	11.865	9.509	15.826	7.310	16.644	9.525
798	MISC ADMINISTRATIVE	14	2.102	7.434	4.073	24.237	5.681	6.297	3.474	15.679	6.066	31.100	8.783
810	ELECTRICIAN	2	0.707	14.142	7.778	27.577	21.213	8.485	6.364	16.263	21.213	3.536	1.414
811	ELECTRONIC TECH	2	2.121	0.0	1.414	40.305	9.899	5.657	7.071	34.648	8.485	2.828	2.828
853	AUTO, BUS, TRUCK DRIVER	2	0.0	21.213	4.950	4.243	0.707	7.071	4.950	4.243	2.121	12.728	4.243
861	PRINTING TRADES	5	2.510	62.914	4.062	10.213	8.775	13.334	3.209	9.628	7.430	17.986	5.612
864	DRAFTSMAN	4	2.062	6.185	7.500	11.902	7.616	13.574	7.500	14.978	9.399	17.833	5.447
865	PHOTOGRAPHY	11	1.779	11.453	5.085	18.375	5.236	8.093	5.612	16.361	7.326	23.963	7.516
866	INTERIOR DECORATOR	31	1.872	11.228	5.482	18.718	6.563	8.078	5.990	12.486	7.220	14.483	7.125
868	CLTHNG & FASHN TRADES	41	2.245	32.639	5.392	16.956	7.253	11.287	5.380	13.350	7.228	20.517	8.331
871	DIETITIAN	17	2.694	12.273	4.415	12.820	7.075	7.946	5.442	12.400	5.921	14.025	8.931
872	HOME ECONOMIST	35	2.536	11.418	11.980	16.519	6.469	7.989	11.543	11.245	5.399	26.697	7.965
873	AIRLINE STEWARD, STEWARDESS	23	2.510	13.213	11.212	13.568	7.513	8.556	9.599	14.403	7.777	25.885	7.039
881	FOOD & BEVERAGE PREP	8	1.309	19.037	5.574	31.674	9.362	10.155	5.365	16.626	6.159	45.174	5.263
891	MISC PERSONAL SERV	23	1.176	15.308	7.263	22.140	7.310	6.794	5.081	12.057	6.508	16.927	7.572
893	HAIRDRESSER	201	1.763	16.945	8.298	21.787	6.891	8.266	7.916	14.430	6.669	23.776	8.012
894	PRACTICAL NURSE	169	1.641	17.136	7.089	20.449	7.720	9.189	6.450	14.006	7.294	23.393	8.174
895	NURSES' AIDE	17	1.965	23.101	7.451	23.919	7.262	8.131	4.711	18.180	6.134	29.945	8.575
899	GENERAL LABORER	62	1.457	17.026	12.528	20.612	7.168	9.204	12.375	16.326	7.571	19.700	7.814
	TOTAL	15423	2.344	16.779	7.429	18.174	7.164	9.199	7.455	13.702	6.605	20.751	8.090

TABLE 1.2 (continued)

#	GROUP	N	MEANS										
			INTEREST INVENTORY (CONTD.)										
			BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE	ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION
			P-702	P-703	P-704	P-705	P-706	P-707	P-708	P-709	P-710	P-711	P-712
000	NO ANSWER	1522	16.522	11.572	21.140	23.865	21.520	18.597	19.510	15.384	16.261	13.913	15.537
001	DON'T KNOW	166	17.729	12.211	22.163	21.861	22.446	18.940	19.049	16.452	15.470	12.596	14.506
010	HOUSEWIFE	6148	14.977	10.275	19.966	23.670	20.492	17.176	19.353	14.503	15.705	13.907	16.379
020	NO SPEC INCOME JOB	4	11.500	9.250	16.250	16.250	20.000	16.750	24.000	10.750	12.500	8.250	8.750
101	EXECUTIVE (NEC)	2	16.500	13.000	30.000	20.500	30.000	38.000	20.000	15.000	16.000	7.000	25.000
102	FOREMAN (NEC)	2	10.500	3.500	13.500	17.500	9.000	11.000	11.500	10.000	4.000	11.000	10.500
111	WORK FOR GOVT (NEC)	31	18.677	18.839	24.613	23.774	21.516	16.806	19.323	15.677	17.613	15.258	18.032
112	IN BUS FOR SELF (NEC)	33	17.030	13.545	22.970	25.788	22.636	18.152	21.455	18.636	17.939	16.515	16.667
120	IND, BUS, COMM (NEC)	26	14.154	15.423	22.115	23.423	19.846	19.500	20.115	12.538	17.308	14.500	18.346
121	RETAIL (NEC)	2	23.500	20.500	28.000	23.000	28.000	26.000	23.500	25.500	24.000	22.500	26.500
122	TRANSPORTATION (NEC)	6	13.500	10.000	20.333	24.333	22.333	25.000	17.500	12.333	15.000	14.000	14.167
123	REAL ESTATE (NEC)	5	16.400	8.900	13.000	18.600	27.000	23.600	15.000	19.200	12.600	10.400	14.400
124	INSURANCE (NEC)	7	14.286	16.286	19.714	23.143	19.714	19.429	22.286	16.857	19.429	19.000	23.429
125	ELECTRONICS (NEC)	2	27.500	11.000	27.500	28.500	20.500	20.500	17.000	5.000	19.000	9.500	25.000
140	"WORK WITH PEOPLE" (NEC)	2	9.500	0.0	19.500	17.000	14.000	18.000	19.000	26.500	8.500	10.000	9.000
141	"WORK W CHILDREN" (NEC)	7	27.286	14.857	24.714	31.429	24.571	19.000	22.429	19.857	20.571	19.429	13.571
211	MATH, STAT	20	24.100	16.150	24.600	24.150	24.600	21.350	29.000	16.900	17.450	13.000	22.600
221	SYSTEMS ANALYST	14	19.714	19.571	24.143	21.857	25.286	23.214	21.357	13.500	21.786	17.643	22.429
222	COMPUTER PROGRAMMER	53	19.925	13.925	21.887	23.038	21.377	19.528	20.906	13.868	17.264	14.604	19.000
229	COMPUTER SPEC (NEC)	4	19.000	7.500	20.250	22.500	21.750	21.750	16.500	23.250	19.500	7.750	12.750
230	PHYSICAL SCI (NEC)	3	30.000	9.333	26.667	17.667	25.333	25.333	13.667	20.000	9.000	8.000	5.000
231	CHEMIST	15	24.867	16.933	26.400	22.800	26.000	25.600	20.133	18.000	17.200	12.133	19.133
299	PHYS SCI, LAB TECH	29	22.034	15.103	25.345	25.414	23.793	20.690	25.345	13.345	17.621	13.241	16.862
310	BIOLOGIST, ZOOLOGIST	20	30.700	18.700	23.050	22.750	23.350	20.650	24.050	19.150	14.050	9.950	14.500
315	PHARMACOLOGIST	4	27.250	6.500	18.500	22.500	14.250	22.000	22.750	16.750	10.250	11.000	7.250
316	MICROBIOLOGIST	13	31.462	15.539	27.692	21.308	25.077	22.154	23.769	13.692	12.846	11.692	13.077
317	BIOCHEMIST	8	26.625	21.375	25.500	21.250	26.000	24.300	21.750	16.625	14.375	10.750	12.250
319	OTHER CHEM SCI	3	30.333	20.000	29.333	28.000	29.333	33.000	27.667	24.667	17.667	18.667	23.333
329	MD-OTHER	8	35.000	17.625	23.500	29.000	22.125	27.500	27.250	15.375	17.625	11.500	15.375
333	VETERINARIAN	2	33.500	17.000	26.000	26.500	31.500	21.000	24.000	13.500	14.500	6.000	13.500
335	PHARMACIST	14	31.143	17.929	24.500	27.071	22.714	26.714	22.929	17.786	20.000	17.500	15.214
337	RN	591	29.445	12.555	21.966	26.738	21.122	20.372	22.240	17.222	14.330	11.269	13.406
341	DENTAL HYGIENIST	32	23.656	12.844	23.594	27.875	25.000	20.594	20.781	15.938	17.531	15.750	19.188
343	PHYSICAL THERAPIST	16	25.000	14.313	24.063	25.438	25.313	19.125	26.063	22.688	18.313	14.250	13.438
344	OCCUPATIONAL THERAP	13	24.154	12.539	25.077	27.385	27.000	27.385	23.769	23.231	15.615	14.385	13.385
346	SPEC THERAP (MISC)	15	23.733	16.667	30.467	28.000	26.333	25.667	25.600	21.533	19.267	14.067	13.600
347	MED/DENT TECHNOLOGIST	93	27.183	14.054	21.978	25.194	22.215	21.452	22.591	17.839	15.634	12.946	17.602
348	MED/DENT TECHNICIAN	138	23.565	12.036	20.348	24.507	21.275	17.572	21.797	17.152	15.667	14.370	14.891
360	PSYCHOLOGIST	47	25.979	18.702	26.723	25.277	25.319	23.021	22.915	15.447	17.149	14.085	15.000
369	PSYCH RES ASST	3	29.667	25.000	30.000	27.000	29.000	25.333	22.000	23.333	20.333	19.000	15.000
370	SOCIAL WORKER	177	20.542	16.729	26.508	26.960	24.203	21.559	22.226	16.040	18.153	15.136	14.023
371	PSYCHIATRIC SOC WRKER	12	23.083	9.833	25.500	23.250	21.000	22.333	19.917	15.750	14.833	11.333	13.917
372	COUNSELING/GUIDANCE	12	22.250	18.333	23.500	23.917	18.583	15.833	20.083	12.583	18.083	12.167	13.333
373	VOC/ED GUIDANCE	40	22.750	15.050	27.150	27.500	25.325	23.275	22.025	15.025	17.725	14.550	15.575
382	ECONOMIST	2	24.000	33.500	34.500	20.500	35.000	13.000	25.000	15.500	29.000	20.000	18.500
383	SOCIOLOGIST	2	24.500	9.500	27.500	25.500	25.000	32.000	22.000	13.000	11.000	12.000	10.000
384	ANTHROPOLOGIST	4	29.500	23.000	28.500	20.750	27.000	24.000	22.500	20.750	20.250	14.750	17.250
389	SOCIAL SCI (MISC)	6	22.667	20.333	29.333	26.333	26.000	24.333	22.000	16.667	18.500	16.333	17.500
391	POLITICIAN	5	11.400	14.200	25.400	19.800	17.000	23.600	16.000	11.800	8.400	10.800	8.000
392	DIPLOMAT	3	11.667	30.000	30.000	33.000	33.667	30.000	29.333	21.333	19.667	17.667	15.333
393	LAWYER	11	19.727	26.091	32.818	25.818	22.182	26.000	24.909	12.909	23.909	19.182	19.364
394	MARKET ANALYST	3	30.000	20.333	17.333	21.000	26.000	12.000	21.667	13.333	19.667	15.000	16.000
398	CITY PLANNER (NEC)	3	16.000	24.333	35.000	25.333	29.333	24.667	26.667	13.000	16.333	13.000	8.000
400	TEACHER (NEC)	1326	19.782	15.239	25.313	27.410	23.478	21.633	21.899	15.472	17.511	14.636	15.581
410	TCHNG YNG CHILDREN	10	21.300	15.300	27.800	29.700	20.200	27.100	24.700	16.600	17.000	15.400	16.300
411	TCHNG PRESCH CHILDREN	30	20.700	15.767	26.433	27.467	27.500	23.667	21.133	17.867	18.567	17.400	14.967
412	TEACHER-ELEM	616	18.797	13.570	24.295	23.258	22.907	21.516	20.723	14.426	16.885	14.320	15.891
420	TEACHER-HS (NEC)	81	19.852	16.160	25.407	26.469	23.136	20.321	21.963	16.111	17.506	13.469	14.309
421	TEACHER-HS MATH	36	20.333	14.389	23.222	25.944	21.861	21.306	21.333	14.361	16.861	13.083	23.694
422	TEACHER-HS SCIENCE	30	27.333	9.967	23.633	25.600	20.867	18.233	23.767	19.800	12.900	9.400	15.300
423	TEACHER-HS SOC STUD	54	20.352	19.611	28.352	27.000	24.444	19.611	22.185	13.870	18.963	13.519	14.481
424	TEACHER-ENGLISH	132	20.258	15.894	29.295	26.667	25.962	24.614	23.644	15.811	17.826	13.727	12.742
425	TEACHER-FOREIGN LANG	46	17.065	14.217	27.630	25.870	23.130	23.348	21.391	16.652	15.761	11.804	14.130
426	TEACHER-COMM ED	57	13.825	13.263	21.930	25.281	19.825	20.035	19.895	13.614	19.982	16.649	21.193
427	TEACHER-HS HOME EC	68	19.279	14.515	24.794	27.221	25.868	21.544	20.353	15.838	18.015	16.809	16.618
428	TEACHER-TRADES	4	23.500	9.250	26.750	30.250	30.750	16.500	25.000	15.750	16.500	18.000	14.750
429	TEACHER-PHYS ED	59	20.610	14.169	22.017	26.271	20.932	19.000	31.424	23.220	16.305	11.068	13.559
431	TEACHER-ART	50	19.800	16.700	26.280	24.660	34.300	24.160	22.940	19.560	16.900	14.900	12.140
432	TEACHER-MUSIC	65	19.400	13.646	26.492	27.123	25.831	35.846	20.092	16.215	16.185	13.631	15.138
440	TEACHER-HANDICAPPED	70	21.643	15.286	24.814	27.357	23.329	21.371	21.043	13.700	15.771	13.000	13.600
441	SPEECH THERAPIST	39	23.231	14.718	24.846	25.795	25.692	21.308	22.821	17.333	16.769	15.385	13.128
450	SCHOOL ADM (EXC COLL)	5	27.400	13.600	30.800	32.400	28.600	27.400	26.000	21.200	18.800	11.000	16.400
460	COLL/UNIV TCHR (NEC)	107	23.458	18.944	27.561	25.607	29.421	27.056	23.112	17.514	17.486	14.664	14.953
461	COLL/UNIV TCHR-MATH	10	24.900	19.000	29.600	28.000	27.100	30.400	27.400	19.400	20.300	15.500	21.600
462	COLL/UNIV TCHR-SCIENCE	17	30.824	16.529	28.765	26.000	24.941	22.882	25.647	20.235	16.706	12.647	18.471
463	COLL/UNIV TCHR-SOC SCI	16	21.375	23.250	29.125	27.813	24.313	24.625	19.188	17.938	17.250	16.188	14.250
464	COLL/UNIV TCHR-ENGLISH	32	25.063	20.625	33.906	27.563	30.844	26.344	24.000	15.250	18.938	16.719	14.750
465	COLL/UNIV TCHR-FOR LANG	19	23.632	15.579	31.684	24.842	27.000	27.579	21.316	14.895	15.053	12.474	17.211
470	COLL/UNIV TCHR-ADM	4	21.250	11.250	30.500	27.500	29.750	31.000	22.750	9.250	19.750	15.250	20.250
499	AUX JOBS IN EDUC	3	29.000	19.667	29.333	28.667	21.000	15.333	28.000	21.000	25.333	18.667	29.333
511	LIBRARIAN	77	17.935	15.299	27.299	25.221	24.299	24.130	19.844	14.494	15.948	13.675	14.143
521	CLERGYMAN	7	23.571	17.286	29.286	30.143	25.429	27.143	23.143	23.143	19.143	19.286	20.143
522	MONK, BROTHER, NUN	29	22.517	12.379	22.862	28.552	20.759	13.759	22.897	15.793	15.207	10.897	16.448

TABLE 1.2 (continued)

#	GROUP	N	STANDARD DEVIATIONS INTEREST INVENTORY (CONTD.) BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE	ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION
			P-702	P-703	P-704	P-705	P-706	P-707	P-708	P-709	P-710	P-711	P-712
000	NO ANSWER	1522	10.394	11.076	8.977	7.458	10.058	11.309	9.856	11.914	7.715	9.150	8.598
001	DON'T KNOW	166	10.177	11.821	9.568	7.988	9.739	11.200	10.222	11.183	7.974	9.814	9.133
010	HOUSEWIFE	6168	10.220	10.460	8.661	7.157	7.826	11.117	9.457	11.224	7.514	9.767	8.620
020	NO SPEC INCOME JOB	6	12.871	16.520	7.805	6.238	4.899	10.243	9.764	2.872	6.557	6.994	7.500
101	EXECUTIVE (NEC)	2	2.121	12.728	8.485	2.121	9.899	2.828	19.799	11.314	4.243	0.0	8.485
102	FOREMAN (NEC)	2	13.435	4.950	10.607	3.536	8.485	12.728	2.121	9.899	5.657	5.657	10.607
111	WORK FOR GOVT (NEC)	11	11.129	13.943	9.415	9.065	9.359	10.445	10.313	12.682	8.846	10.902	11.783
112	IN BUS FOR SELF (NEC)	33	9.796	12.199	8.619	7.511	8.403	13.172	9.408	10.790	8.750	10.293	7.536
120	IND, BUS, COMM (NEC)	16	10.495	10.167	8.458	7.134	11.120	12.034	9.497	11.563	7.098	7.926	9.554
121	RETAIL (NEC)	2	6.364	4.950	7.071	4.243	11.314	11.314	6.364	9.192	7.071	6.364	14.849
122	TRANSPORTATION (NEC)	6	11.760	8.899	10.424	6.713	12.044	15.937	7.868	8.208	6.986	9.187	12.024
123	REAL ESTATE (NEC)	5	11.610	13.027	4.062	9.450	15.604	10.139	10.559	15.897	8.562	11.632	8.961
124	INSURANCE (NEC)	7	8.381	12.500	9.032	6.568	5.499	12.791	7.653	12.020	7.208	9.019	7.547
125	ELECTRONICS (NEC)	2	2.121	1.414	2.121	4.950	4.950	19.092	4.243	7.071	2.828	4.950	1.414
140	"WORK WITH PEOPLE" (NEC)	2	4.950	0.0	9.192	15.556	14.142	22.627	5.657	9.192	9.192	14.142	1.414
141	"WORK W CHILDREN" (NEC)	7	7.111	8.707	6.237	3.690	8.715	12.923	7.185	15.507	5.473	5.062	5.740
211	MATH, STAT	30	8.885	11.113	7.956	5.687	8.970	9.832	8.310	8.065	6.669	7.643	9.896
221	SYSTEMS ANALYST	14	8.014	11.346	8.538	7.378	10.110	12.783	6.440	10.339	4.726	10.638	9.290
222	COMPUTER PROGRAMMER	63	11.180	10.961	9.772	8.918	10.688	11.374	9.363	8.882	7.879	8.186	9.342
229	COMPUTER SPEC (NEC)	6	12.623	6.455	3.304	5.568	6.076	3.500	9.469	10.079	3.697	3.304	3.594
230	PHYSICAL SCI (NEC)	3	6.557	15.308	9.815	8.963	10.116	18.903	9.238	20.000	4.359	7.937	4.359
231	CHEMIST	15	10.535	12.372	8.567	8.579	9.289	11.217	10.569	10.309	7.282	5.181	7.308
299	PHYS SCI, LAB TECH	20	8.724	10.648	5.839	7.043	8.046	11.279	9.275	12.754	6.678	7.472	8.365
310	BIOLOGIST, ZOOLOGIST	30	5.090	12.913	8.550	7.312	9.632	10.033	9.372	10.961	8.192	7.097	9.333
315	PHARMACOLOGIST	4	6.500	4.509	5.000	2.887	9.605	16.733	7.500	11.644	7.136	10.677	4.573
316	MICROBIOLOGIST	13	5.592	13.157	7.510	6.143	11.071	10.991	9.121	8.901	5.273	7.478	7.433
317	BIOCHEMIST	8	8.766	12.727	10.770	8.730	9.071	10.744	12.221	11.313	10.405	7.704	9.765
319	OTHER CHEM SCI	3	7.767	10.000	1.528	4.359	2.517	8.660	10.970	9.074	6.506	7.638	7.638
329	MD-OTHER	3	5.292	10.169	4.472	4.721	12.518	9.668	10.607	12.535	6.323	7.091	10.070
333	VETERINARIAN	2	0.707	24.042	11.314	3.536	12.021	15.556	0.0	9.192	14.849	8.485	4.950
335	PHARMACIST	14	6.781	14.573	9.566	7.498	12.443	11.704	11.221	13.622	10.303	11.223	9.082
337	RN	651	8.066	11.114	8.725	6.399	9.972	10.741	9.021	11.401	7.344	8.116	8.354
341	DENTAL HYGIENIST	33	9.691	11.171	8.285	5.972	8.436	10.295	8.051	11.004	6.505	8.744	7.128
343	PHYSICAL THERAPIST	14	7.685	12.070	6.608	5.865	9.023	9.280	10.318	10.091	8.179	9.805	9.270
344	OCCUPATIONAL THERAP	13	9.082	11.970	5.693	5.867	9.434	4.789	9.409	10.216	6.886	7.859	10.129
346	SPEC THERAP (MISC)	15	8.754	9.186	4.673	7.061	7.613	8.959	4.940	9.501	8.049	8.388	7.337
347	MED/DENT TECHNOLOGIST	33	9.342	11.199	8.812	6.952	9.893	10.040	9.410	11.304	7.573	8.015	8.377
348	MED/DENT TECHNICIAN	130	11.222	10.216	8.779	7.716	10.127	10.819	8.945	11.827	7.231	8.408	8.171
360	PSYCHOLOGIST	47	8.808	11.215	7.192	6.107	9.206	9.790	8.180	11.870	7.538	9.360	10.367
369	PSYCH RES ASST	3	11.015	9.539	6.083	6.557	7.810	11.015	6.083	11.547	6.506	2.646	6.245
370	SOCIAL WORKER	177	10.287	12.017	7.653	6.706	9.222	10.978	8.917	11.296	6.846	8.007	8.208
371	PSYCHIATRIC SOC WRKER	13	11.843	8.674	8.785	5.972	9.085	8.723	5.384	12.850	9.024	8.457	9.802
372	COUNSELING/GUIDANCE	12	11.971	12.302	10.817	9.501	12.273	12.401	9.681	8.949	6.288	8.695	8.845
373	VOC/ED GUIDANCE	50	9.106	11.320	7.294	7.568	7.727	12.952	8.731	9.728	7.289	8.159	8.953
382	ECONOMIST	2	8.485	7.778	2.121	7.778	7.071	5.657	15.556	19.092	4.243	11.314	10.607
383	SOCIOLOGIST	2	9.192	12.021	3.536	4.950	11.314	11.314	9.899	0.0	7.071	7.071	11.314
384	ANTHROPOLOGIST	4	14.572	13.342	9.147	12.420	10.801	14.877	8.347	7.411	10.500	11.295	14.361
389	SOCIAL SCI (MISC)	4	5.279	11.656	4.131	6.743	8.438	10.073	7.537	12.894	5.167	6.314	4.970
391	POLITICIAN	5	10.738	6.979	7.301	10.085	10.198	15.323	12.669	11.735	8.933	11.345	8.832
392	DIPLOMAT	3	7.024	8.888	6.083	2.646	2.517	14.000	6.658	5.132	11.590	15.044	4.726
393	LAWYER	11	11.191	12.333	6.897	8.010	7.795	9.295	9.407	7.609	7.700	7.534	8.846
394	MARKET ANALYST	3	7.810	0.577	5.508	5.196	8.660	5.292	5.132	13.503	4.163	11.358	12.490
398	CITY PLANNER (NEC)	3	7.000	17.214	1.000	4.619	10.214	9.866	10.970	1.732	9.292	3.000	6.557
400	TEACHER (NEC)	1326	10.092	11.481	8.148	6.727	9.559	11.190	9.618	11.074	7.661	8.929	8.691
410	TCHNG YNG CHILDREN	13	6.929	11.786	7.495	5.314	8.728	10.181	9.298	11.017	7.040	9.640	6.750
411	TCHNG PRESCH CHILDREN	22	8.941	11.230	8.089	5.841	8.525	10.433	9.220	10.608	6.179	8.080	8.308
412	TEACHER-ELEM	616	9.994	11.212	8.175	5.816	9.675	11.048	9.309	11.014	7.312	8.446	8.606
420	TEACHER-HS (NEC)	81	9.505	11.612	7.510	6.217	9.230	10.764	8.577	9.743	7.596	8.211	9.135
421	TEACHER-HS MATH	35	9.439	9.619	8.596	6.315	10.656	11.194	9.568	10.529	7.051	7.085	8.414
422	TEACHER-HS SCIENCE	30	8.798	10.820	8.668	6.734	10.801	10.750	8.621	12.680	6.531	7.735	9.308
423	TEACHER-HS SOC STUD	56	9.441	12.118	7.729	7.481	9.338	11.588	8.374	9.578	8.005	9.265	8.328
424	TEACHER-ENGLISH	132	10.293	12.598	6.874	7.404	9.279	10.665	9.783	10.870	7.880	8.581	8.288
425	TEACHER-FOREIGN LANG	66	11.132	11.779	7.246	6.260	9.174	12.015	9.579	12.071	5.911	7.426	8.408
426	TEACHER-COMM ED	57	9.111	10.721	8.106	6.346	8.386	9.910	9.172	9.949	7.379	8.851	8.323
427	TEACHER-HS HOME EC	68	9.363	11.901	7.907	6.667	8.816	10.640	9.717	11.544	7.699	8.859	8.098
428	TEACHER-TRADES	4	10.344	12.816	3.304	3.594	2.363	9.147	9.764	12.038	6.557	3.916	10.966
429	TEACHER-PHYS ED	50	9.374	11.604	8.760	6.467	9.616	11.349	7.637	12.494	8.018	9.163	8.065
431	TEACHER-ART	60	9.910	13.126	8.403	7.729	6.319	9.921	9.618	12.289	8.029	9.159	7.864
432	TEACHER-MUSIC	65	10.513	11.442	7.720	6.797	8.603	5.057	8.520	10.447	7.075	8.289	8.558
440	TEACHER-HANDICAPPED	70	10.569	11.897	7.524	7.345	9.976	11.388	9.642	10.650	7.468	8.889	9.027
441	SPEECH THERAPIST	30	9.258	12.002	8.038	7.031	8.853	10.521	8.294	11.162	7.662	8.403	7.385
450	SCHOOL ADM (EXC COLL)	5	6.427	9.607	6.834	4.159	12.137	13.740	10.075	17.810	7.918	6.164	7.701
460	COLL/UNIV TCHR (NEC)	107	9.140	10.910	7.486	7.247	8.530	10.965	9.705	10.459	6.847	8.767	7.977
461	COLL/UNIV TCHR-MATH	10	7.767	10.873	6.835	7.674	8.396	7.933	8.356	13.689	6.767	8.885	7.575
462	COLL/UNIV TCHR-SCIENCE	17	7.161	12.450	7.014	6.275	7.644	10.839	8.838	10.256	7.760	6.412	8.833
463	COLL/UNIV TCHR-SOC SCI	15	13.114	11.812	9.660	3.816	9.343	10.424	7.679	10.804	6.826	10.477	8.136
464	COLL/UNIV TCHR-ENGLISH	32	10.349	12.082	5.943	6.435	10.013	10.473	7.683	11.780	6.599	9.535	8.309
465	COLL/UNIV TCHR-FOR LANG	10	8.248	9.974	4.773	7.762	7.916	10.966	8.788	8.900	6.561	7.011	10.003
470	COLL/UNIV TCHR-ADM	4	12.527	10.532	4.933	6.137	8.180	8.406	2.630	2.872	8.302	7.365	7.632
499	AUX JOBS IN EDUC	3	6.557	17.098	2.517	4.163	8.544	15.011	8.660	18.520	2.517	15.044	4.933
511	LIBRARIAN	77	10.381	12.809	8.384	8.019	10.484	11.227	10.015	11.309	8.225	8.436	8.497
521	CLERGYMAN	7	12.726	10.177	7.847	5.146	9.414	13.508	6.768	8.989	5.521	8.939	7.777
522	MONK, BROTHER, NUN	20	9.257	11.528	8.883	6.220	10.277	12.414	8.653	11.004	6.614	8.347	9.542

TABLE 1.2 (continued)

#	GROUP	N	BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE	ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION
			MEANS										
			INTEREST INVENTORY (CONTD.)										
			P-702	P-703	P-704	P-705	P-706	P-707	P-708	P-709	P-710	P-711	P-712
523	RELIG WORKER (OTHER)	35	15.571	12.714	24.400	27.657	22.343	22.629	20.657	13.743	15.257	13.114	16.314
531	WRITER (NEC)	28	17.929	12.643	29.286	20.286	26.750	25.607	17.536	14.107	15.071	12.821	9.750
532	FICTION WRITER	5	15.800	19.000	29.800	20.800	25.400	22.900	27.800	29.400	17.000	14.800	7.000
533	NONFIC WRTR (EXC JRNLIST)	5	23.200	19.000	31.000	26.200	25.800	20.200	23.200	18.000	20.200	14.200	16.200
534	JOURNALIST/REPORTER	23	19.043	19.217	32.174	22.696	25.870	22.261	21.043	13.087	17.913	13.435	10.652
536	PUBLISHER, ETC.	4	31.000	19.000	31.000	25.500	23.250	35.000	20.750	15.000	17.000	14.750	12.000
537	EDITOR	10	22.200	14.900	29.800	25.000	28.000	24.400	15.400	11.600	15.800	12.600	11.400
539	TRANSLAT, INTERPR, LINGST	13	19.154	14.692	30.538	25.923	28.615	27.462	22.385	13.462	17.077	17.077	13.923
541	FINE ARTS	42	20.429	13.571	24.024	23.238	33.571	32.452	18.643	15.286	15.643	12.429	[illegible]
545	COMM ARTIST	35	20.400	11.229	24.971	19.771	35.400	22.229	21.371	21.686	14.543	15.086	11.429
547	DESIGNER (CONS GDS)	3	23.667	14.667	25.667	19.667	36.667	19.333	24.333	42.000	12.000	10.333	17.667
551	MUSICIAN	7	17.714	16.429	25.714	22.857	23.571	37.143	17.143	11.429	15.714	14.000	16.714
552	SINGER	13	16.615	15.692	28.462	24.308	26.154	32.077	18.923	13.615	17.385	10.154	13.538
559	MUSIC-RELATED (MISC)	2	20.000	23.000	35.000	27.500	27.000	35.000	24.000	21.500	23.000	23.500	12.500
560	DANCER, CHOREOG	12	20.083	11.417	25.000	23.667	23.250	[illegible]	23.833	20.333	16.333	13.500	11.250
571	ACTOR	8	14.875	16.000	25.125	19.750	25.500	[illegible]	14.875	22.000	15.125	11.500	9.250
572	THEATRICAL DIRECTING	2	17.000	15.000	32.500	24.000	34.000	34.000	16.000	18.500	20.000	18.500	5.500
575	THEATRE (OTHER)	11	25.273	11.636	25.273	23.364	25.455	26.818	27.000	22.545	16.636	13.909	12.545
579	MISC PERF ARTS	3	9.000	1.000	21.000	21.333	15.000	7.333	14.333	4.333	10.000	9.667	8.667
581	MODEL	8	13.875	13.750	23.125	24.875	25.625	23.625	22.125	20.125	19.000	16.000	11.125
611	PRO ATHLETE	2	18.500	6.500	18.000	20.000	31.500	22.000	28.500	35.000	11.500	12.000	17.500
621	RECREATION DIR	8	19.000	13.750	24.625	25.750	22.875	24.875	22.000	23.250	14.125	9.500	9.750
631	FARM/RANCH OWNER	3	10.000	4.667	18.333	15.000	15.667	11.333	19.000	20.000	9.333	9.000	4.667
639	FARMING (OTHER)	4	25.750	19.500	24.750	23.000	28.000	20.500	27.500	23.250	19.250	19.500	23.000
661	POLICE (PUBLIC)	5	13.200	7.800	16.500	23.000	18.000	13.800	26.400	24.200	14.400	12.400	16.200
711A	BANKING & FINANCE, I	13	15.538	11.462	18.692	22.692	17.154	16.692	20.000	14.000	17.077	13.000	23.000
711B	BANKING & FINANCE, II	3	15.667	24.000	25.000	22.000	26.333	14.667	23.333	21.000	15.000	20.667	14.333
716	CPA	8	16.875	18.375	21.125	24.375	21.500	26.250	22.750	17.875	18.875	15.000	18.875
717	ACCTANT (EXC CPA)	87	14.230	12.368	20.287	23.264	22.770	18.483	13.172	13.287	17.011	14.989	21.943
721	PURCHASING AGENT	3	10.667	11.667	26.333	30.333	17.000	24.667	17.000	11.000	25.000	22.667	31.667
722	RETAIL BUYER	27	15.111	11.778	20.300	20.741	25.111	16.370	19.556	14.000	15.926	14.185	12.370
724	ADVERTISING	23	15.174	14.609	27.652	21.435	22.565	24.304	21.826	19.783	16.217	14.565	13.217
725	PUBLIC RELATIONS	17	16.412	17.000	26.000	22.412	24.706	19.647	20.765	19.882	16.647	11.294	9.235
726	PERSONNEL ADMIN	21	21.048	13.095	25.810	23.095	24.571	21.429	19.667	15.310	16.095	12.810	15.391
727	APPRAISING/ESTIMATING	16	13.688	10.188	20.188	22.875	13.563	15.625	17.438	15.375	14.750	10.875	14.875
728	LOAN/CREDIT INVESTIG	2	9.500	1.500	0.000	14.500	9.500	6.000	4.500	1.500	2.500	10.000	11.500
730	BUS, MGMT, ADM (NEC)	26	17.615	16.308	23.808	23.462	22.154	21.962	20.115	16.308	18.385	17.038	19.962
732	WHSL/RET TRADE MGMT/MKTG	17	18.941	14.941	22.294	20.941	23.588	23.176	18.059	15.765	20.118	15.412	14.118
738	SUPERVISOR IN BUS	6	20.167	6.667	13.167	20.333	21.333	14.000	26.333	27.167	10.667	11.667	13.000
741	SALESCLERK	36	12.806	11.139	13.056	23.583	16.778	15.417	19.361	13.389	16.306	15.250	16.341
743	STOCKBROKER	2	13.500	21.000	26.500	25.500	25.500	15.000	17.500	8.000	28.500	30.000	28.500
745	REAL EST SLSMAN	5	10.200	13.000	15.000	21.200	16.400	12.800	13.000	6.600	16.400	12.200	13.800
746	INSURANCE SLSMAN	6	11.333	20.333	21.833	25.500	16.167	18.333	25.333	13.500	17.000	19.167	16.500
748	OTHER SLSMAN (NEC)	15	13.467	12.333	20.933	24.800	22.800	22.733	17.267	12.467	17.333	15.333	16.267
751	BOOKKEEPER	100	12.960	10.320	18.410	22.830	19.040	15.210	19.140	13.350	16.640	15.040	20.640
752	TELLER OR BANK CLERK	32	15.563	10.563	22.094	26.438	22.375	21.063	20.938	13.344	17.938	13.531	17.938
753	CASHIER	6	8.000	5.333	16.500	22.167	14.500	9.667	15.667	7.167	15.500	13.833	21.500
755	MISC ACCT RECDG	46	15.239	6.978	14.609	22.174	16.913	14.783	20.457	14.826	14.739	12.457	15.696
756	KEYPUNCH OP	63	14.984	11.349	21.063	23.587	22.174	19.857	21.254	19.667	18.810	16.667	20.130
757	KEYPUNCH INSTRUC	3	17.667	3.667	9.667	24.333	13.333	15.667	11.667	3.333	17.333	12.333	16.000
758	COMPUTER OP	57	15.825	14.211	20.930	24.614	20.175	19.123	20.825	14.035	17.614	14.684	19.140
761	SECRETARY (NEC)	951	13.943	11.201	20.740	23.732	20.048	17.490	19.153	13.692	16.642	14.532	17.079
762	SECRETARY-BOOKKEEPER	26	12.731	13.500	21.423	25.692	21.077	14.077	13.192	12.269	18.808	10.269	23.500
763	MED/DENT SECRETARY	39	19.641	12.564	21.128	24.308	20.333	20.513	21.487	15.436	16.410	12.513	16.333
764	LEGAL SECRETARY	45	11.778	12.733	21.800	25.667	20.667	15.911	18.711	13.244	17.533	15.022	17.733
765	STENO, CRT REPRTR	48	15.458	12.333	21.104	24.125	19.396	18.604	19.896	15.771	18.188	14.792	21.188
766	TYPIST, CLRK TYPIST	68	13.897	10.074	20.309	24.485	19.618	16.853	19.250	11.441	16.632	14.647	17.088
769	CLERK (MISC)	99	14.242	11.677	19.475	23.525	18.525	18.192	19.172	13.283	16.172	13.717	17.697
771	OFFICE SUPERVISOR	18	13.111	15.333	21.944	23.944	17.056	17.222	20.611	12.778	16.611	17.111	20.444
772	OFFICE MANAGER	14	17.000	9.857	22.643	25.143	19.500	24.357	18.786	13.286	16.786	12.143	18.286
781	PHONE, PBX OP	21	13.571	11.429	20.810	23.333	22.476	13.286	21.190	17.952	15.952	15.000	16.857
789	OTHER "PUB CONT" OCCS	38	13.237	13.368	21.763	25.000	22.237	18.237	19.053	12.000	17.789	17.763	16.579
791	RADIO, TELEGR, TELETYPE OP	6	18.333	18.833	26.000	23.667	25.333	17.333	24.167	20.500	22.667	21.833	21.833
797	MISC CLERICAL	25	16.960	14.920	21.280	24.480	20.400	17.560	22.920	19.560	18.040	17.080	18.520
798	MISC ADMINISTRATIVE	14	14.643	14.714	23.714	20.357	23.929	13.571	15.857	15.429	16.000	15.214	19.714
810	ELECTRICIAN	2	2.500	2.500	16.500	20.500	10.000	10.000	9.500	0.0	18.500	16.500	18.000
811	ELECTRONIC TECH	2	13.000	5.000	20.500	21.000	17.000	16.000	2.000	1.500	17.500	13.000	25.500
853	AUTO, BUS, TRUCK DRIVER	2	17.000	22.000	18.500	19.000	16.500	14.000	27.000	18.500	23.000	15.000	15.000
861	PRINTING TRADES	5	15.600	16.200	24.800	26.200	32.600	29.600	24.200	19.400	22.800	21.000	18.000
864	DRAFTSMAN	4	17.000	5.000	19.750	24.500	32.500	21.500	30.500	22.500	16.750	10.000	12.750
865	PHOTOGRAPHY	11	17.727	15.455	22.818	22.909	25.182	23.091	24.909	20.636	17.545	18.818	17.000
866	INTERIOR DECORATOR	31	16.194	14.000	23.355	23.097	23.774	20.871	19.484	14.903	16.323	15.645	12.323
868	CLTHNG & FASHN TRADES	41	13.976	9.098	20.098	22.000	22.390	16.439	16.390	13.585	16.219	13.341	14.195
871	DIETITIAN	17	19.882	17.706	24.176	22.529	24.471	21.882	24.235	17.706	17.353	12.588	16.412
872	HOME ECONOMIST	35	17.086	17.343	24.314	25.629	26.657	22.114	21.686	15.143	17.914	17.143	17.771
873	AIRLINE STEWARD, STEWARDESS	23	14.870	10.696	20.087	19.652	24.391	19.261	21.304	15.370	14.043	11.957	11.957
881	FOOD & BEVERAGE PREP	8	13.250	9.750	15.375	24.500	22.750	10.250	19.000	13.375	17.250	13.000	13.[illegible]50
891	MISC PERSONAL SERV	23	16.478	10.652	18.826	19.957	19.565	16.870	15.435	18.435	15.957	10.913	14.435
893	HAIRDRESSER	201	15.607	9.721	19.562	22.970	20.517	17.701	19.090	14.811	15.010	12.493	14.891
894	PRACTICAL NURSE	168	24.018	10.667	19.095	24.833	19.226	17.702	20.530	16.637	14.321	11.690	13.673
895	NURSES' AIDE	17	15.765	9.119	18.588	23.588	16.588	19.412	18.294	17.647	13.353	14.235	14.941
899	GENERAL LABORER	62	14.629	11.419	19.661	22.939	17.790	15.968	19.469	15.548	16.758	13.661	16.419
	TOTAL	15423	17.282	12.087	21.791	24.578	21.656	19.000	20.182	15.144	16.243	13.968	16.034

TABLE 1.2 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INTEREST INVENTORY (CONTD.)										
			BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE	ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION
			P-702	P-703	P-704	P-705	P-706	P-707	P-708	P-709	P-710	P-711	P-712
523	RELIG WORKER (OTHER)	35	9.027	12.011	8.226	6.936	8.875	11.941	9.582	11.244	6.568	7.970	9.097
531	WRITER (NEC)	23	9.981	11.029	6.814	6.841	7.560	12.871	8.934	14.250	7.736	8.973	7.147
532	FICTION WRITER	5	9.149	17.972	8.167	4.438	11.149	13.387	14.394	11.696	12.309	11.904	6.633
533	NONFIC WRTR (EXC JRNLIST)	5	12.518	10.654	7.382	7.694	10.085	11.916	10.918	10.677	8.585	7.463	8.585
534	JOURNALIST/REPORTER	23	11.002	12.660	5.573	9.594	9.901	10.708	9.570	13.754	8.538	10.535	9.432
536	PUBLISHER, ETC.	4	8.907	15.033	8.718	3.786	7.228	6.000	10.145	15.684	9.933	13.817	7.616
537	EDITOR	10	9.247	9.339	6.339	6.037	8.582	10.617	7.291	10.373	9.343	7.102	6.240
539	TRANSLAT, INTERPR, LINGST	13	8.133	10.491	4.630	7.029	8.322	11.230	7.217	11.110	6.512	9.412	7.251
541	FINE ARTS	42	10.533	12.206	9.661	7.070	5.927	12.021	9.474	13.311	7.641	8.031	7.760
545	COMM ARTIST	35	10.333	9.293	8.449	8.785	4.924	11.424	9.300	11.968	7.713	9.574	6.938
547	DESIGNER (CONS GDS)	3	11.846	19.655	12.503	9.074	5.774	12.702	14.224	0.0	7.810	9.292	13.650
551	MUSICIAN	7	12.038	14.864	10.828	8.533	10.390	4.598	10.090	8.772	10.436	11.195	9.844
552	SINGER	13	8.884	13.381	7.423	7.341	8.905	8.351	11.288	11.229	5.237	7.358	9.180
559	MUSIC-RELATED (MISC)	2	7.071	8.485	1.414	0.707	14.142	7.071	12.728	26.163	2.828	4.950	10.607
560	DANCER, CHOREOG	12	11.221	11.516	10.269	7.152	11.537	9.909	11.769	12.018	8.500	8.990	8.303
571	ACTOR	9	5.866	10.351	5.890	6.251	6.676	9.099	9.203	7.764	7.318	6.887	6.649
572	THEATRICAL DIRECTING	2	4.243	16.971	2.121	11.314	0.0	5.657	11.314	2.121	8.485	9.192	0.707
575	THEATRE (OTHER)	11	12.240	11.544	9.991	7.941	11.246	13.541	7.669	10.866	8.418	11.414	10.083
579	MISC PERF ARTS	3	6.083	1.732	6.000	5.686	9.544	6.429	9.074	2.309	4.000	2.517	9.018
581	MODEL	9	6.875	15.917	10.063	8.741	10.042	12.351	9.978	12.766	7.502	10.114	6.151
611	PRO ATHLETE	2	0.707	4.950	7.071	1.414	2.121	5.657	3.536	7.071	3.536	2.828	7.778
621	RECREATION DIR	9	11.904	13.112	7.501	4.132	9.568	14.865	7.131	13.499	6.643	5.555	6.065
631	FARM/RANCH OWNER	3	12.288	7.234	12.342	9.849	18.502	6.110	11.000	18.682	3.512	6.928	4.163
639	FARMING (OTHER)	4	13.985	9.983	8.016	4.690	8.287	2.517	6.608	8.884	4.787	8.386	8.327
661	POLICE (PUBLIC)	5	10.710	9.859	6.504	6.595	11.023	13.424	1.517	10.909	5.899	8.019	7.563
711A	BANKING & FINANCE, I	12	11.559	13.470	8.939	8.577	8.678	9.050	7.627	9.941	8.558	9.670	9.363
711B	BANKING & FINANCE, II	3	13.796	21.166	8.544	11.533	13.013	9.452	10.693	13.115	9.849	15.695	11.590
716	CPA	9	11.594	14.501	8.903	6.368	8.569	17.384	12.092	12.124	8.132	11.551	9.078
717	ACCTANT (EXC CPA)	97	10.098	11.692	8.964	7.348	9.948	12.074	10.264	11.800	7.920	9.105	9.501
721	PURCHASING AGENT	4	6.658	9.504	6.429	2.517	8.898	14.468	3.606	8.544	8.544	16.623	10.116
722	RETAIL BUYER	27	11.036	11.778	11.358	7.955	9.756	13.241	10.910	12.902	8.836	9.612	8.495
724	ADVERTISING	22	9.007	9.815	7.395	7.384	9.199	10.683	10.071	11.217	7.292	9.853	9.303
725	PUBLIC RELATIONS	17	9.715	13.384	9.467	7.641	7.051	10.908	6.897	10.167	7.632	7.728	6.619
726	PERSONNEL ADMIN	21	9.351	11.357	6.794	8.809	10.122	11.426	6.199	10.191	7.516	7.998	8.588
727	APPRAISING/ESTIMATING	15	13.898	11.303	9.717	7.429	11.355	13.841	10.086	10.601	7.280	7.957	7.491
728	LOAN/CREDIT INVESTIG	2	13.435	2.121	12.728	9.192	7.778	8.485	6.364	2.121	3.536	14.142	12.021
730	BUS, MGMT, ADM (NEC)	26	10.159	11.879	7.884	7.431	9.027	11.087	9.378	12.142	7.585	10.274	9.306
732	WHSL/RET TRADE MGMT/MKTG	17	10.467	12.372	8.290	6.941	10.332	11.749	8.250	12.402	7.841	8.581	9.137
738	SUPERVISOR IN BUS	6	7.782	7.581	6.432	8.524	8.066	13.023	10.838	6.911	7.633	10.875	5.831
741	SALESCLERK	36	9.861	11.344	7.668	8.520	8.479	11.845	10.340	9.936	8.481	10.001	8.616
743	STOCKBROKER	2	0.707	11.314	3.536	3.536	6.364	7.071	3.536	7.071	3.536	0.0	7.778
745	REAL EST SLSMAN	5	9.654	14.000	9.823	8.758	11.675	12.696	7.450	8.532	9.397	9.418	9.011
746	INSURANCE SLSMAN	6	11.656	13.216	8.909	4.930	7.985	9.070	7.146	6.058	8.075	7.985	8.093
748	OTHER SLSMAN (NEC)	15	9.538	13.344	12.009	7.711	11.977	12.606	12.527	11.904	11.108	12.169	12.015
751	BOOKKEEPER	103	9.194	9.540	8.139	6.730	9.485	10.970	11.102	10.898	7.972	9.388	8.819
752	TELLER OR BANK CLERK	32	9.405	11.359	9.491	7.379	9.695	10.370	8.576	9.462	7.679	9.500	8.813
753	CASHIER	6	7.874	4.457	11.362	8.841	12.470	8.430	12.094	14.689	6.775	11.303	9.333
755	MISC ACCT RECDG	46	10.993	9.639	10.012	8.980	11.679	11.266	9.930	11.780	6.631	9.416	8.443
756	KEYPUNCH OP	60	10.514	10.020	9.080	7.530	9.448	12.387	8.588	10.884	7.327	9.489	8.530
757	KEYPUNCH INSTRUC	3	10.693	6.351	5.508	5.508	3.512	3.215	5.774	5.774	8.145	11.240	12.166
758	COMPUTER OP	57	10.087	12.083	7.986	6.355	10.497	10.559	9.028	10.897	7.328	7.917	9.454
761	SECRETARY (NEC)	951	9.832	10.585	8.553	7.485	9.949	11.613	9.478	11.128	7.733	8.883	8.746
762	SECRETARY-BOOKKEEPER	24	9.387	12.114	7.936	7.703	9.740	12.046	10.461	10.887	7.746	8.702	8.668
763	MED/DENT SECRETARY	39	9.930	11.911	8.138	7.536	8.942	10.321	9.514	12.613	8.178	9.133	8.477
764	LEGAL SECRETARY	63	8.293	12.374	10.161	6.616	10.423	12.271	10.275	11.670	8.005	8.986	8.998
765	STENO, CRT REPRTR	43	9.248	11.365	8.367	8.165	10.524	10.599	11.186	11.800	7.154	9.285	8.753
766	TYPIST, CLRK TYPIST	69	8.802	9.843	9.253	6.944	9.477	10.732	9.899	9.498	7.655	8.574	9.332
769	CLERK (MISC)	99	9.450	11.233	7.754	5.953	9.044	11.507	9.138	10.870	8.192	8.316	8.540
771	OFFICE SUPERVISOR	19	10.203	13.434	9.264	8.667	9.097	12.836	9.481	11.497	6.427	9.970	8.658
772	OFFICE MANAGER	14	9.511	8.831	7.919	5.447	6.136	8.280	6.830	11.632	7.658	8.960	9.417
781	PHONE, PBX OP	21	9.765	11.919	9.781	6.414	10.211	11.988	10.038	13.287	7.952	8.087	9.414
789	OTHER "PUB CONT" OCCS	39	7.827	10.218	8.248	7.237	9.263	11.269	10.235	9.965	7.666	9.266	8.417
791	RADIO, TELEGR, TELETYPE OP	6	12.832	10.870	5.254	9.791	11.147	11.978	9.411	9.628	7.062	8.998	8.773
797	MISC CLERICAL	25	12.143	12.345	9.897	9.042	10.801	9.653	10.388	12.728	8.018	11.273	8.257
798	MISC ADMINISTRATIVE	14	10.330	14.959	7.770	8.652	9.794	9.104	9.599	12.340	9.315	7.127	9.327
810	ELECTRICIAN	2	3.536	3.536	12.021	0.707	5.657	11.314	3.536	0.0	14.849	12.021	12.728
811	ELECTRONIC TECH	2	0.0	1.414	2.121	2.828	8.485	1.414	1.414	2.121	2.121	4.243	12.021
853	AUTO, BUS, TRUCK DRIVER	2	11.314	21.213	17.678	11.314	10.607	8.485	4.243	12.021	4.243	2.828	9.899
861	PRINTING TRADES	5	11.632	16.882	6.140	7.563	7.403	5.899	9.338	11.437	6.834	3.391	5.050
864	DRAFTSMAN	4	15.100	5.598	12.339	6.758	10.661	12.477	15.000	20.273	3.403	8.124	10.500
865	PHOTOGRAPHY	11	8.522	8.395	7.427	3.754	8.647	7.880	6.379	11.048	6.802	10.088	10.109
866	INTERIOR DECORATOR	31	10.252	11.975	7.961	6.973	6.662	10.902	8.679	11.282	7.404	9.068	8.109
868	CLTHNG & FASHN TRADES	41	10.338	10.370	9.399	8.758	11.395	11.715	9.036	11.582	8.064	8.329	9.479
871	DIETITIAN	17	11.629	12.317	8.848	8.186	10.168	12.678	9.769	10.576	8.085	10.186	9.097
872	HOME ECONOMIST	35	9.531	12.044	6.872	7.096	8.250	10.602	9.619	10.947	7.192	9.007	8.328
873	AIRLINE STEWARD, STEWARDESS	23	10.947	12.249	10.326	7.761	9.708	11.671	8.997	10.279	7.208	9.906	8.631
881	FOOD & BEVERAGE PREP	8	7.005	13.604	5.999	7.426	10.687	6.475	10.170	11.057	8.259	9.396	6.671
891	MISC PERSONAL SERV	23	11.305	12.623	10.543	7.559	11.942	12.704	10.599	12.310	10.666	8.754	8.447
893	HAIRDRESSER	203	10.195	9.835	8.058	6.775	8.927	11.534	9.106	10.852	7.417	7.867	8.091
894	PRACTICAL NURSE	158	10.059	10.135	8.407	6.626	10.115	11.093	9.098	12.194	7.709	8.274	7.980
895	NURSES' AIDE	17	11.082	10.977	9.152	7.229	9.434	14.331	12.771	15.227	8.923	8.899	8.422
899	GENERAL LABORER	62	10.100	11.338	9.117	6.626	9.516	11.461	9.710	11.884	8.046	8.313	7.012
	TOTAL	15423	10.734	11.228	8.964	7.322	10.021	11.492	9.621	11.414	7.661	8.865	8.794

TABLE 1.2 (continued)

#	GROUP	N	MEANS										
			INTEREST INVENTORY (CONTD.)					STUDENT ACTIVITIES INVENTORY					
			OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES	FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS
			P-713	P-714	P-715	P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606
000	NO ANSWER	1522	23.873	8.416	8.664	13.949	7.606	7.056	5.380	2.080	3.633	4.537	6.329
001	DON'T KNOW	166	19.747	9.614	8.301	14.590	7.096	6.018	5.102	2.301	3.464	4.434	5.584
010	HOUSEWIFE	4158	25.306	7.946	8.639	14.071	7.721	7.300	5.338	1.977	3.668	4.550	6.436
020	NO SPEC INCOME JOB	4	22.500	8.250	5.750	19.500	6.250	6.000	5.500	2.500	3.500	2.500	7.000
101	EXECUTIVE (NEC)	2	35.500	3.000	3.000	12.500	3.500	6.000	5.000	2.000	4.000	5.000	7.000
102	FOREMAN (NEC)	2	18.000	5.500	7.500	4.500	4.000	5.500	3.500	1.000	3.000	1.500	3.500
111	WORK FOR GOVT (NEC)	31	22.581	8.710	8.419	14.516	5.903	6.161	6.290	2.226	3.419	5.258	6.548
112	IN BUS FOR SELF (NEC)	33	24.606	9.636	9.636	16.333	9.273	7.667	5.364	2.303	4.394	4.818	5.848
120	IND, BUS, COMM (NEC)	26	26.500	8.192	8.192	11.346	7.731	7.308	5.500	1.923	3.769	4.769	7.077
121	RETAIL (NEC)	2	25.000	11.000	10.500	25.000	6.000	4.500	4.500	2.000	4.000	4.500	6.500
122	TRANSPORTATION (NEC)	6	21.000	7.500	7.833	13.333	7.333	7.667	5.000	0.500	4.500	3.667	7.000
123	REAL ESTATE (NEC)	5	17.600	6.600	5.800	15.000	6.600	8.800	5.800	2.600	4.400	5.200	5.800
124	INSURANCE (NEC)	7	28.286	15.000	13.571	20.000	13.571	6.714	5.286	0.857	2.286	4.857	7.000
125	ELECTRONICS (NEC)	2	39.500	7.000	12.000	9.500	6.500	9.500	5.000	2.500	4.500	4.500	4.500
140	"WORK WITH PEOPLE" (NEC)	2	15.500	14.500	7.000	21.500	7.000	7.500	4.000	1.500	4.500	6.500	6.500
141	"WORK W CHILDREN" (NEC)	7	18.000	9.571	11.857	13.143	7.571	8.571	5.143	2.143	3.714	4.143	6.857
211	MATH, STAT	20	18.300	12.400	8.250	16.250	7.700	6.150	4.450	2.050	4.850	5.950	6.300
221	SYSTEMS ANALYST	14	15.857	12.857	8.429	14.429	5.714	6.714	5.500	2.429	3.071	5.643	6.714
222	COMPUTER PROGRAMMER	53	18.547	10.792	7.660	13.547	6.377	6.491	5.585	2.358	3.434	4.849	6.208
229	COMPUTER SPEC (NEC)	4	17.250	11.500	8.750	16.000	6.500	6.000	4.750	2.250	2.750	4.500	5.250
230	PHYSICAL SCI (NEC)	3	3.333	13.000	11.000	15.667	5.000	1.667	4.333	1.000	3.333	3.667	4.333
231	CHEMIST	15	16.467	12.400	8.133	19.067	7.000	5.933	4.533	2.067	5.067	4.400	6.333
299	PHYS SCI, LAB TECH	29	20.724	11.310	8.000	16.586	6.414	6.862	4.966	2.172	3.621	5.310	5.379
310	BIOLOGIST, ZOOLOGIST	20	11.950	11.600	7.500	18.600	4.400	6.850	5.100	2.050	4.300	5.600	5.400
315	PHARMACOLOGIST	4	6.250	7.250	3.500	12.000	4.000	2.750	3.750	2.250	1.500	3.750	4.750
316	MICROBIOLOGIST	13	13.538	8.154	4.923	11.385	2.231	6.846	5.692	2.692	4.077	5.538	5.769
317	BIOCHEMIST	8	14.375	10.625	6.000	12.375	4.125	6.375	5.750	3.250	4.000	5.875	6.750
319	OTHER CHEM SCI	3	28.333	21.667	14.333	20.667	8.667	3.000	6.000	2.000	2.667	5.333	3.667
329	MD-OTHER	8	7.000	11.375	8.750	20.625	7.500	6.125	6.250	1.875	4.625	6.250	6.625
333	VETERINARIAN	2	7.000	11.000	6.500	26.500	3.500	8.500	7.500	2.000	5.000	8.000	3.500
335	PHARMACIST	14	18.929	11.786	8.071	19.500	7.643	6.786	6.286	2.000	3.571	6.071	7.286
337	RN	521	18.051	9.152	8.068	15.526	6.946	7.437	5.912	2.249	4.382	5.364	6.848
341	DENTAL HYGIENIST	32	22.063	10.469	9.563	16.938	8.438	7.563	5.656	2.156	4.250	5.688	7.406
343	PHYSICAL THERAPIST	16	16.063	8.188	7.750	18.188	8.875	7.938	5.250	2.313	4.188	4.500	5.188
344	OCCUPATIONAL THERAP	13	15.923	11.154	11.385	19.385	10.385	8.077	6.462	2.231	4.923	5.769	8.000
346	SPEC THERAP (MISC)	15	20.267	11.733	9.067	15.800	7.200	8.133	6.600	3.800	4.333	5.333	6.933
347	MED/DENT TECHNOLOGIST	93	20.226	10.785	8.054	14.538	6.860	7.161	6.022	2.151	4.430	5.419	7.333
348	MED/DENT TECHNICIAN	138	21.261	9.130	8.196	14.833	6.449	7.464	5.514	1.899	4.072	4.681	6.500
360	PSYCHOLOGIST	47	14.426	8.851	7.340	14.149	5.574	7.574	6.638	2.149	3.489	5.745	6.957
369	PSYCH RES ASST	3	14.333	11.333	8.667	17.333	9.000	7.000	5.000	1.333	2.667	5.333	4.667
370	SOCIAL WORKER	177	18.040	8.706	7.723	13.972	6.797	7.311	5.932	2.395	4.181	5.288	5.418
371	PSYCHIATRIC SOC WRKER	12	15.667	8.667	7.500	12.417	5.000	7.500	6.500	1.833	4.333	5.417	6.667
372	COUNSELING/GUIDANCE	12	18.167	9.417	7.083	10.333	4.333	7.750	5.667	3.000	4.167	5.667	6.917
373	VOC/ED GUIDANCE	40	16.250	9.800	7.425	13.025	4.875	8.100	5.550	2.475	5.000	5.600	6.375
382	ECONOMIST	2	20.500	12.500	9.500	16.000	16.500	6.500	6.500	1.000	1.500	6.000	5.000
383	SOCIOLOGIST	2	11.500	14.000	8.500	17.000	14.500	6.500	4.500	3.500	5.500	6.000	2.500
384	ANTHROPOLOGIST	4	17.000	11.750	9.000	20.000	6.250	5.750	5.250	3.500	4.000	4.750	8.000
389	SOCIAL SCI (MISC)	6	14.500	8.667	7.333	14.500	5.000	8.833	6.167	3.167	3.000	6.167	5.500
391	POLITICIAN	5	10.600	5.800	5.600	9.400	4.800	5.400	4.600	2.600	3.600	5.200	6.800
392	DIPLOMAT	3	16.333	9.667	10.333	30.333	8.667	7.333	6.000	2.333	4.667	4.667	5.667
393	LAWYER	11	15.000	9.636	5.727	16.364	5.727	7.545	6.727	4.273	4.364	6.000	3.818
394	MARKET ANALYST	3	11.333	10.667	7.333	17.000	4.667	8.333	6.667	2.667	4.667	7.000	5.667
398	CITY PLANNER (NEC)	3	12.000	5.000	5.000	15.333	9.000	4.000	5.333	3.000	2.333	6.333	4.667
400	TEACHER (NEC)	1376	20.161	8.299	7.995	14.403	6.821	7.532	5.923	2.027	4.250	5.342	6.686
410	TCHNG YNG CHILDREN	10	22.500	9.100	11.000	15.700	8.700	6.600	5.100	2.400	3.600	4.700	5.700
411	TCHNG PRESCH CHILDREN	30	19.733	9.100	10.133	17.533	6.867	7.700	6.067	2.333	4.633	4.633	6.433
412	TEACHER-ELEM	615	20.995	8.000	8.131	14.244	6.799	7.445	5.886	1.815	3.945	5.143	6.700
420	TEACHER-HS (NEC)	81	18.691	7.827	7.173	15.519	6.333	7.346	5.605	2.259	4.272	5.457	6.148
421	TEACHER-HS MATH	36	19.000	11.750	7.389	15.306	6.333	6.361	5.722	1.500	4.250	5.639	7.222
422	TEACHER-HS SCIENCE	30	14.767	10.367	6.633	16.667	4.967	6.267	5.467	2.100	4.200	6.067	5.900
423	TEACHER-HS SOC STUD	54	16.463	7.889	7.407	14.759	6.500	7.056	6.444	2.056	3.315	5.204	6.963
424	TEACHER-ENGLISH	142	18.008	7.697	7.515	15.227	6.530	7.068	6.295	2.621	4.174	5.371	6.841
425	TEACHER-FOREIGN LANG	46	16.261	8.152	6.804	12.065	5.783	6.891	6.109	2.217	4.304	5.261	6.109
426	TEACHER-COMM ED	57	27.456	7.421	7.596	10.333	6.368	7.140	5.895	2.018	3.719	5.053	7.351
427	TEACHER-HS HOME EC	68	22.559	9.044	10.265	15.838	8.118	7.632	6.000	1.559	4.206	5.632	7.706
428	TEACHER-TRADES	4	21.500	12.500	12.000	20.500	8.000	6.250	5.750	2.250	2.000	3.750	5.500
429	TEACHER-PHYS ED	59	15.237	10.237	9.017	19.763	7.576	7.508	5.169	2.136	5.847	5.046	6.678
431	TEACHER-ART	50	15.020	8.560	9.000	17.980	6.580	6.820	6.100	2.420	3.940	5.520	6.620
432	TEACHER-MUSIC	65	19.908	9.154	8.723	15.031	7.185	6.923	5.708	1.846	4.154	5.508	6.477
440	TEACHER-HANDICAPPED	70	16.871	7.771	6.629	13.471	5.243	7.900	6.171	2.486	4.386	5.843	6.329
441	SPEECH THERAPIST	39	16.359	8.000	6.718	13.692	6.308	8.000	6.333	2.000	4.154	5.615	6.641
450	SCHOOL ADM (EXC COLL)	5	21.800	10.600	7.200	14.600	3.400	6.800	5.600	3.000	6.200	4.800	7.200
460	COLL/UNIV TCHR (NEC)	107	15.505	9.776	8.308	15.262	6.654	7.056	6.178	2.430	4.598	5.514	6.879
461	COLL/UNIV TCHR-MATH	10	20.500	11.300	8.600	15.300	6.400	6.900	7.300	2.400	5.100	6.800	8.600
462	COLL/UNIV TCHR-SCIENCE	17	15.000	12.471	7.294	19.647	5.353	6.765	6.059	1.941	4.706	6.529	6.882
463	COLL/UNIV TCHR-SOC SCI	16	11.938	7.938	7.063	14.813	6.438	5.688	6.063	2.375	4.938	5.563	6.125
464	COLL/UNIV TCHR-ENGLISH	32	15.156	9.219	7.406	15.813	6.219	6.281	6.000	2.188	4.188	5.438	6.031
465	COLL/UNIV TCHR-FOR LANG	19	18.000	10.053	6.842	15.947	6.421	6.263	5.368	1.684	4.474	5.579	6.211
470	COLL/UNIV TCHR-ADM	4	20.000	11.250	6.250	10.750	5.750	9.750	7.250	3.500	6.250	6.250	7.750
499	AUX JOBS IN EDUC	3	28.667	14.667	11.333	13.333	11.000	7.000	5.333	3.000	3.667	2.000	5.000
511	LIBRARIAN	77	21.052	8.649	8.260	16.130	6.571	6.169	5.351	1.974	3.130	5.000	6.312
521	CLERGYMAN	7	24.286	12.571	11.143	18.143	8.571	8.000	6.571	2.571	4.714	5.857	7.571
522	MONK, BROTHER, NUN	29	16.483	9.759	7.034	14.552	5.931	6.138	5.034	2.241	4.379	4.483	6.172

TABLE 1.2 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INTEREST INVENTORY (CONTD.)					STUDENT ACTIVITIES INVENTORY					
			OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES	FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS
			P-713	P-714	P-715	P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606
000	NO ANSWER	1522	10.127	6.533	5.767	9.649	6.182	2.894	2.337	1.690	2.173	2.574	2.827
001	DON'T KNOW	166	10.777	7.191	5.801	9.641	5.938	3.235	2.363	1.995	2.209	2.629	2.773
010	HOUSEWIFE	6168	9.596	6.261	5.441	9.417	5.978	2.888	2.284	1.646	2.196	2.601	2.713
020	NO SPEC INCOME JOB	4	14.364	9.287	3.594	11.121	3.500	3.830	2.380	2.380	2.646	0.577	2.449
101	EXECUTIVE (NEC)	2	2.121	2.828	0.0	4.950	2.121	2.828	1.414	2.828	4.243	4.243	4.243
102	FOREMAN (NEC)	2	1.414	7.778	7.778	6.364	4.243	6.364	0.707	0.0	1.414	0.707	2.121
111	WORK FOR GOVT (NEC)	31	11.407	7.253	6.136	10.500	6.030	2.697	2.269	1.647	2.157	2.503	2.461
112	IN BUS FOR SELF (NEC)	33	8.536	6.995	7.136	10.228	7.711	2.533	2.205	2.023	2.120	2.391	2.347
120	IND, BUS, COMM (NEC)	26	9.488	6.356	5.741	10.202	6.655	2.977	2.045	1.440	2.141	2.372	2.591
121	RETAIL (NEC)	2	15.556	4.243	4.950	5.657	0.0	2.121	3.536	2.828	2.828	0.707	3.536
122	TRANSPORTATION (NEC)	6	8.173	7.092	4.956	10.857	3.077	3.386	2.608	0.837	2.429	3.266	1.789
123	REAL ESTATE (NEC)	5	10.359	6.269	5.541	12.806	6.914	1.483	2.775	2.191	1.817	2.280	3.194
124	INSURANCE (NEC)	7	3.988	10.770	10.596	9.557	10.064	2.430	2.215	1.069	1.976	2.673	2.000
125	ELECTRONICS (NEC)	2	0.707	2.828	1.414	4.950	4.950	2.121	2.828	2.121	3.536	4.950	4.950
140	"WORK WITH PEOPLE" (NEC)	2	12.021	12.021	1.414	24.749	1.414	2.121	1.414	0.707	2.121	0.707	0.707
141	"WORK W CHILDREN" (NEC)	7	8.062	5.798	3.625	6.669	3.867	2.760	2.854	1.345	2.430	1.464	2.610
211	MATH, STAT	20	9.884	4.018	4.598	7.893	5.536	2.777	2.235	1.538	2.084	2.837	3.278
221	SYSTEMS ANALYST	14	8.393	5.789	5.374	9.605	4.615	3.173	3.132	1.950	2.369	3.128	3.148
222	COMPUTER PROGRAMMER	53	10.410	7.132	5.987	9.252	6.499	3.326	2.161	1.861	2.283	2.552	2.575
229	COMPUTER SPEC (NEC)	4	11.295	7.047	4.500	11.045	9.815	3.651	2.986	1.708	3.096	4.203	3.202
230	PHYSICAL SCI (NEC)	3	2.517	15.620	13.892	13.317	7.810	2.082	0.577	0.0	2.082	1.155	2.309
231	CHEMIST	15	10.855	5.329	5.111	10.250	5.593	2.764	2.875	1.486	1.981	2.947	3.374
299	PHYS SCI, LAB TECH	23	10.219	6.601	4.424	9.256	4.058	3.182	2.514	2.269	2.111	2.565	2.757
310	BIOLOGIST, ZOOLOGIST	20	8.721	6.739	6.597	10.748	4.260	2.907	2.490	1.638	1.838	2.283	2.854
315	PHARMACOLOGIST	4	6.652	4.031	2.082	11.605	6.055	3.096	3.202	3.304	1.732	3.500	1.893
316	MICROBIOLOGIST	13	11.042	3.555	2.813	7.665	2.351	3.023	2.428	1.797	2.253	2.570	3.468
317	BIOCHEMIST	8	9.999	5.153	5.757	7.671	6.105	4.033	2.765	1.753	2.828	2.642	4.097
319	OTHER CHEM SCI	3	2.082	3.786	1.528	5.686	1.155	2.646	1.732	1.000	1.155	1.528	1.528
329	MD-OTHER	8	5.657	7.782	5.092	10.446	7.874	2.232	3.240	1.553	2.669	1.982	4.307
333	VETERINARIAN	2	5.657	11.314	2.121	0.707	0.707	2.121	0.707	2.828	0.0	1.414	0.707
335	PHARMACIST	14	11.512	8.050	5.636	12.720	5.032	2.455	2.400	1.961	2.441	2.269	2.920
337	RN	501	9.635	5.885	5.413	9.580	5.666	2.880	2.076	1.790	2.174	2.535	2.688
341	DENTAL HYGIENIST	32	8.842	5.099	4.181	10.519	5.565	2.816	1.928	1.986	2.000	2.250	2.734
343	PHYSICAL THERAPIST	16	9.291	4.679	4.906	9.340	7.420	2.594	2.113	1.448	2.257	2.366	3.146
344	OCCUPATIONAL THERAP	13	11.615	7.819	6.826	11.815	7.643	2.629	1.450	1.641	1.935	2.315	1.915
346	SPEC THERAP (MISC)	15	9.543	7.166	5.812	9.167	4.443	2.669	1.724	2.242	2.024	2.410	3.369
347	MED/DENT TECHNOLOGIST	93	9.262	6.155	5.364	9.608	5.545	3.026	2.147	1.719	2.248	2.597	2.576
348	MED/DENT TECHNICIAN	138	9.962	6.283	5.535	9.564	5.592	2.958	2.235	1.671	2.105	2.589	2.790
360	PSYCHOLOGIST	47	9.191	6.061	5.734	8.807	6.003	3.027	2.250	1.911	2.321	2.793	3.078
369	PSYCH RES ASST	3	6.429	2.517	1.528	5.508	2.000	2.000	3.464	1.528	3.055	3.512	2.517
370	SOCIAL WORKER	177	9.569	6.259	5.108	8.412	5.831	3.026	2.383	1.901	2.224	2.450	2.949
371	PSYCHIATRIC SOC WRKER	12	12.213	5.449	5.179	7.179	5.360	3.119	2.195	1.403	2.103	1.832	3.025
372	COUNSELING/GUIDANCE	12	11.167	6.721	5.946	7.266	5.466	2.563	2.387	2.089	2.329	2.387	2.937
373	VOC/ED GUIDANCE	42	8.851	6.595	6.210	8.453	5.155	2.706	2.155	1.853	1.974	2.458	2.941
382	ECONOMIST	2	9.192	2.121	4.950	0.0	14.849	2.121	3.536	0.0	2.121	4.243	5.657
383	SOCIOLOGIST	2	12.021	7.071	9.192	4.243	3.536	2.121	0.707	2.121	0.707	1.414	3.536
384	ANTHROPOLOGIST	4	8.367	5.852	5.033	6.481	6.131	3.096	3.096	2.082	2.160	0.957	3.367
389	SOCIAL SCI (MISC)	6	7.036	4.803	7.885	12.145	4.147	1.941	1.941	1.722	2.366	1.722	3.082
391	POLITICIAN	5	10.114	8.614	8.325	11.845	6.723	4.393	3.209	1.949	3.050	3.114	4.087
392	DIPLOMAT	3	8.505	4.619	4.041	9.504	4.509	3.215	2.000	2.309	2.517	4.041	4.163
393	LAWYER	11	10.927	6.071	5.350	7.460	4.101	2.252	1.954	2.284	2.501	2.145	2.359
394	MARKET ANALYST	3	4.583	3.786	2.887	6.083	3.215	2.082	2.517	1.155	2.082	2.646	1.528
398	CITY PLANNER (NEC)	3	9.849	2.646	2.646	3.215	7.000	1.732	3.215	1.732	2.082	2.517	3.786
400	TEACHER (NEC)	1326	9.874	5.939	5.290	9.572	5.707	2.834	2.185	1.703	2.144	2.610	2.784
410	TCHNG YNG CHILDREN	10	10.058	4.149	6.799	10.414	5.438	3.864	2.183	1.897	2.675	2.627	3.622
411	TCHNG PRESCH CHILDREN	30	10.514	6.189	6.090	8.796	6.235	3.466	2.664	1.882	2.042	2.553	3.588
412	TEACHER-ELEM	616	9.130	5.904	5.477	9.639	5.531	2.942	2.160	1.647	2.245	2.573	2.749
420	TEACHER-HS (NEC)	91	9.293	5.412	4.502	8.614	4.894	2.838	2.223	1.909	2.286	2.424	2.623
421	TEACHER-HS MATH	35	10.999	6.605	4.982	7.793	5.031	3.244	2.537	1.298	2.116	2.416	2.531
422	TEACHER-HS SCIENCE	30	7.762	6.557	4.701	11.012	4.279	2.852	1.871	1.561	2.265	2.406	2.796
423	TEACHER-HS SOC STUD	54	9.086	5.980	5.900	9.173	6.164	2.968	1.645	1.898	2.354	2.652	2.726
424	TEACHER-ENGLISH	132	9.624	5.641	5.033	9.378	5.035	2.945	1.991	1.932	2.177	2.466	2.905
425	TEACHER-FOREIGN LANG	46	8.437	7.769	5.791	8.415	5.750	3.064	2.193	1.489	2.279	2.480	3.268
426	TEACHER-COMM ED	57	8.828	5.301	5.102	7.122	5.263	2.825	1.915	1.727	2.343	2.566	2.151
427	TEACHER-HS HOME EC	68	10.360	5.481	5.363	9.906	5.840	2.709	1.932	1.530	2.250	2.178	2.388
428	TEACHER-TRADES	4	6.137	9.110	3.559	4.796	7.165	2.630	4.031	0.500	2.160	2.217	1.291
429	TEACHER-PHYS ED	59	10.408	7.560	6.691	10.507	6.649	3.126	2.394	1.456	1.483	2.628	2.467
431	TEACHER-ART	50	9.421	7.282	6.673	10.524	6.175	2.670	2.023	2.120	2.024	2.801	2.982
432	TEACHER-MUSIC	65	10.603	6.906	5.407	8.548	6.638	3.129	2.013	1.716	2.093	2.569	3.165
440	TEACHER-HANDICAPPED	70	9.456	5.530	4.675	9.723	4.200	2.403	2.147	1.808	2.052	2.435	3.110
441	SPEECH THERAPIST	39	10.691	5.405	5.301	10.687	5.022	2.471	2.216	1.522	2.146	2.612	2.824
450	SCHOOL ADM (EXC COLL)	5	14.957	5.899	2.280	12.700	3.209	3.033	1.140	2.550	1.304	2.588	1.924
460	COLL/UNIV TCHR (NEC)	107	10.103	5.646	5.051	9.805	5.195	3.018	2.167	2.015	2.610	2.600	2.871
461	COLL/UNIV TCHR-MATH	10	8.236	7.484	5.719	10.478	4.971	3.071	1.494	1.897	2.132	2.616	1.713
462	COLL/UNIV TCHR-SCIENCE	17	7.665	5.854	3.981	11.731	4.649	2.969	2.045	1.560	1.863	2.239	3.039
463	COLL/UNIV TCHR-SOC SCI	16	11.885	7.567	7.389	10.193	9.480	2.549	3.255	2.187	1.914	2.898	3.462
464	COLL/UNIV TCHR-ENGLISH	32	9.024	5.977	4.983	10.275	5.265	3.092	1.984	2.055	2.334	3.005	2.646
465	COLL/UNIV TCHR-FOR LANG	19	8.466	4.994	3.640	6.276	5.284	3.106	3.004	1.293	2.245	2.950	2.974
470	COLL/UNIV TCHR-ADM	4	14.491	5.852	4.193	3.775	4.924	3.304	0.957	3.416	0.957	3.403	4.031
499	AUX JOBS IN EDUC	3	11.150	8.622	6.807	12.342	7.810	2.646	1.528	3.000	2.309	0.0	3.464
511	LIBRARIAN	77	10.414	7.000	5.970	9.693	6.167	3.160	2.394	1.754	2.336	2.621	2.820
521	CLERGYMAN	7	12.619	7.591	4.100	8.745	5.711	1.155	2.370	1.134	1.976	2.116	3.867
522	MONK, BROTHER, NUN	29	9.869	5.847	4.586	8.781	5.391	3.356	2.706	1.921	2.569	2.923	3.263

TABLE 1.2 (continued)

#	GROUP	N	MEANS										
			INTEREST INVENTORY (CONTD.)					STUDENT ACTIVITIES INVENTORY					
			OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES	FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS
			P-713	P-714	P-715	P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606
523	RELIG WORKER (OTHER)	35	23.086	7.200	9.057	14.857	8.629	6.457	5.571	2.086	4.257	5.200	6.743
531	WRITER (NEC)	28	12.893	6.500	5.857	13.179	3.321	8.857	6.786	3.357	4.536	5.143	6.286
532	FICTION WRITER	5	10.800	7.200	6.600	17.600	9.600	6.600	5.400	3.200	5.200	5.000	4.600
533	NONFIC WRTR (EXC JRNLIST)	5	14.400	9.600	8.600	12.600	6.400	4.800	4.200	2.400	3.200	4.200	5.200
534	JOURNALIST/REPORTER	23	16.174	8.913	6.609	16.478	5.783	7.826	6.522	2.870	4.913	5.435	6.913
536	PUBLISHER, ETC.	4	17.500	7.500	7.500	17.000	4.750	8.500	7.750	2.000	6.000	7.750	8.250
537	EDITOR	10	12.900	6.900	4.200	12.000	4.300	6.100	6.600	2.100	3.500	5.500	7.400
539	TRANSLAT, INTERPR, LINGST	13	23.231	8.846	8.462	11.077	6.692	7.308	5.846	3.000	4.077	5.154	5.462
541	FINE ARTS	62	15.667	8.952	7.881	16.667	6.571	6.524	6.167	2.238	3.690	5.452	7.286
545	COMM ARTIST	35	16.543	9.486	9.286	20.029	7.371	5.686	4.486	2.486	3.629	4.343	5.429
547	DESIGNER (CONS GDS)	3	6.333	18.667	17.333	29.333	10.333	5.333	4.333	6.000	5.667	4.333	4.333
551	MUSICIAN	7	15.000	11.000	10.429	11.143	9.429	6.143	7.143	3.000	4.429	5.000	7.143
552	SINGER	13	19.846	9.692	7.846	10.846	6.077	7.462	5.846	2.154	4.385	5.231	6.692
559	MUSIC-RELATED (MISC)	2	19.500	4.500	6.500	23.000	10.500	5.500	4.500	4.000	6.000	4.000	2.500
560	DANCER, CHOREOG	12	17.083	7.000	7.667	19.500	6.500	8.583	6.417	2.250	4.667	5.250	5.667
571	ACTOR	8	8.500	4.500	4.750	12.625	5.000	6.875	5.125	3.250	5.000	3.875	4.250
572	THEATRICAL DIRECTING	2	13.500	5.500	8.000	12.500	6.000	9.500	7.500	3.000	3.000	6.500	6.000
575	THEATRE (OTHER)	11	15.000	10.636	7.818	16.545	7.364	6.818	5.273	2.091	3.727	5.545	4.818
579	MISC PERF ARTS	3	12.000	6.000	5.667	14.667	1.333	9.667	7.000	3.333	4.667	3.667	6.000
581	MODEL	8	21.875	8.125	8.000	16.625	6.625	7.625	5.500	2.875	4.250	5.625	6.625
611	PRO ATHLETE	2	22.000	19.500	17.000	30.500	17.500	5.500	5.500	1.000	3.000	5.000	4.500
621	RECREATION DIR	8	14.750	9.875	7.625	21.625	8.500	5.750	4.625	1.625	3.000	4.500	5.750
631	FARM/RANCH OWNER	3	14.667	7.333	6.000	21.000	5.333	6.333	3.667	2.333	2.000	4.667	5.667
639	FARMING (OTHER)	4	22.750	12.250	9.750	26.750	6.750	8.500	5.250	2.500	6.250	6.250	7.250
661	POLICE (PUBLIC)	5	22.000	8.200	7.000	24.000	9.200	6.800	4.000	2.200	4.000	4.000	5.400
711A	BANKING & FINANCE, I	13	27.231	7.385	7.154	11.000	7.923	9.000	6.000	2.231	4.692	5.077	7.769
711B	BANKING & FINANCE, II	3	17.000	2.000	3.333	20.667	1.000	9.000	6.333	3.667	5.000	7.000	5.333
716	CPA	8	16.750	8.375	5.875	15.125	5.750	5.875	4.500	3.375	3.625	4.875	7.500
717	ACCTANT (EXC CPA)	87	26.690	7.943	8.437	12.954	8.115	6.951	5.506	2.069	3.391	4.977	6.701
721	PURCHASING AGENT	3	31.333	5.333	7.667	11.333	11.000	7.667	3.000	2.667	3.333	4.000	6.667
722	RETAIL BUYER	27	17.259	6.185	6.667	13.556	5.000	7.852	6.000	2.593	4.481	5.815	6.704
724	ADVERTISING	23	18.522	8.609	8.391	14.217	5.696	8.000	5.783	3.000	4.348	4.870	6.522
725	PUBLIC RELATIONS	17	15.588	4.412	5.824	15.235	6.294	8.588	6.706	2.882	5.059	5.647	7.235
726	PERSONNEL ADMIN	21	23.143	11.000	7.667	14.524	6.000	7.476	6.238	2.619	4.143	6.000	6.429
727	APPRAISING/ESTIMATING	16	22.563	9.563	10.063	16.188	7.313	7.688	6.188	2.375	4.563	4.563	7.063
728	LOAN/CREDIT INVESTIG	2	26.500	1.000	3.000	7.000	3.500	8.000	5.500	2.000	2.500	3.500	3.500
730	BUS, MGMT, ADM (NEC)	26	22.615	9.115	7.538	14.395	6.615	7.808	5.654	2.192	4.038	5.269	6.731
732	WHSL/RET TRADE MGMT/MKTG	17	19.176	9.118	7.471	11.176	5.353	8.235	6.000	2.941	4.706	5.471	6.471
738	SUPERVISOR IN BUS	6	22.333	8.000	8.500	14.667	10.333	6.667	5.333	2.333	5.667	5.667	5.500
741	SALESCLERK	36	26.611	7.972	8.972	15.917	8.944	7.029	4.500	2.222	3.583	4.611	5.417
743	STOCKBROKER	2	33.500	9.500	11.000	15.000	10.000	6.500	5.000	1.000	2.000	4.500	6.500
745	REAL EST SLSMAN	5	25.000	5.600	5.600	10.200	4.200	6.500	6.000	1.200	3.200	5.800	7.000
746	INSURANCE SLSMAN	6	25.333	8.333	9.000	18.833	4.833	8.833	6.833	2.167	5.000	5.667	4.500
748	OTHER SLSMAN (NEC)	15	26.467	8.600	8.400	14.733	6.733	7.933	4.867	2.333	4.333	4.067	5.533
751	BOOKKEEPER	100	28.220	9.400	9.370	13.170	8.110	7.180	4.940	2.120	3.520	3.900	6.110
752	TELLER OR BANK CLERK	32	27.875	7.588	8.906	13.531	7.969	7.719	5.750	1.469	4.063	5.250	6.688
753	CASHIER	6	31.667	4.667	7.333	7.500	3.333	6.833	4.167	1.333	3.000	4.833	7.167
755	MISC ACCT RECDG	46	25.522	7.696	7.761	12.891	6.391	7.239	5.065	2.174	3.870	4.674	6.261
756	KEYPUNCH OP	69	27.000	10.986	11.072	17.000	10.233	6.217	5.217	2.217	3.406	4.391	5.957
757	KEYPUNCH INSTRUC	3	17.000	4.333	8.333	10.000	8.333	4.000	5.000	2.667	0.333	4.000	6.333
758	COMPUTER OP	57	26.351	8.368	8.404	13.719	8.035	6.035	4.737	1.982	3.368	3.702	6.263
761	SECRETARY (NEC)	951	28.357	7.680	8.483	13.223	7.454	7.264	5.463	2.137	3.690	4.749	6.660
762	SECRETARY-BOOKKEEPER	26	30.692	7.385	7.846	10.538	5.577	8.577	5.731	2.500	3.962	5.309	7.500
763	MED/DENT SECRETARY	39	24.128	8.077	7.923	12.949	6.513	7.744	5.846	2.256	4.051	4.923	6.385
764	LEGAL SECRETARY	45	27.844	7.333	7.956	11.533	7.378	7.689	5.800	1.711	4.089	5.222	7.111
765	STENO, CRT REPRTR	49	30.833	7.958	8.521	14.146	7.771	7.604	5.333	1.813	3.896	4.542	6.708
766	TYPIST, CLRK TYPIST	68	27.221	7.500	8.382	12.868	8.324	6.647	5.118	1.824	2.997	4.015	6.647
769	CLERK (MISC)	92	26.687	8.253	8.364	13.313	8.020	6.717	4.970	1.768	3.162	4.283	6.293
771	OFFICE SUPERVISOR	18	27.056	7.222	7.000	12.000	6.556	7.556	6.444	2.889	3.889	4.333	5.278
772	OFFICE MANAGER	14	27.571	7.571	7.286	9.929	6.143	8.500	5.929	1.857	4.071	4.286	7.357
781	PHONE, PBX OP	21	27.714	10.238	10.333	14.810	9.714	8.286	5.667	2.571	3.238	4.952	7.000
789	OTHER "PUB CONT" OCCS	38	25.711	7.895	9.289	12.789	7.421	7.500	5.395	2.026	3.553	3.921	6.132
791	RADIO, TELEGR, TELETYPE OP	6	24.000	12.833	12.333	25.833	11.833	7.333	5.333	2.000	3.333	3.833	4.833
797	MISC CLERICAL	25	23.680	9.840	9.960	16.240	9.240	7.200	5.160	2.880	4.680	4.960	6.280
798	MISC ADMINISTRATIVE	14	22.286	7.857	6.571	10.857	4.786	7.000	5.786	2.357	3.143	4.786	7.786
810	ELECTRICIAN	2	37.500	2.500	5.000	3.500	5.500	9.500	8.000	3.500	5.000	3.500	7.000
811	ELECTRONIC TECH	2	29.500	4.500	7.500	4.500	9.500	7.000	5.500	1.000	2.000	1.500	5.000
853	AUTO, BUS, TRUCK DRIVER	2	22.500	16.500	13.000	11.000	9.500	4.000	3.000	3.000	3.000	3.000	4.500
861	PRINTING TRADES	5	31.000	12.000	13.800	19.000	13.200	0.000	6.000	2.800	4.800	3.800	4.600
864	DRAFTSMAN	4	18.750	19.750	13.750	14.500	8.750	5.000	6.000	3.500	3.500	5.500	6.000
865	PHOTOGRAPHY	11	24.091	11.273	9.909	16.818	8.727	7.636	6.091	1.909	4.727	5.273	6.727
866	INTERIOR DECORATOR	31	17.419	7.903	7.742	14.000	6.161	7.677	6.032	2.226	4.065	4.935	7.323
868	CLTHNG & FASHN TRADES	41	23.805	7.732	8.976	12.878	8.171	6.902	4.585	2.146	3.561	4.073	6.341
871	DIETITIAN	17	18.588	10.294	9.706	16.353	6.647	7.118	5.706	2.588	4.529	5.118	7.176
872	HOME ECONOMIST	35	21.086	9.343	10.200	17.429	8.086	7.314	6.400	1.686	4.514	5.657	7.714
873	AIRLINE STEWARD, STEWARDESS	23	20.609	6.739	6.696	15.174	5.565	6.609	5.261	2.478	3.478	4.304	6.522
881	FOOD & BEVERAGE PREP	8	25.625	12.000	12.000	15.000	13.250	7.250	4.250	2.000	3.125	4.125	6.750
891	MISC PERSONAL SERV	23	19.522	6.478	9.609	12.696	9.478	6.130	4.565	2.261	2.609	3.391	4.957
893	HAIRDRESSER	201	23.284	8.284	9.517	13.632	8.403	7.129	5.313	1.940	3.408	4.239	6.269
894	PRACTICAL NURSE	148	20.768	9.482	9.440	15.911	8.643	6.726	5.071	1.964	3.470	4.470	6.190
895	NURSES' AIDE	17	25.765	8.059	9.706	15.000	10.059	5.471	3.647	1.471	2.588	3.588	4.824
899	GENERAL LABORER	62	25.984	9.306	10.387	14.629	10.419	6.774	4.742	1.919	3.161	3.952	5.226
	TOTAL	15423	23.201	8.332	8.455	14.293	7.397	7.236	5.516	2.066	3.828	4.796	6.485

TABLE 1.2 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INTEREST INVENTORY (CONTD.)					STUDENT ACTIVITIES INVENTORY					
			OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES	FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS
			P-713	P-714	P-715	P-716	P-717	R-601	R-602	R-603	S-604	R-605	R-606
523	RELIG WORKER (OTHER)	35	10.656	5.400	5.696	9.106	6.640	3.165	2.429	1.442	2.077	2.483	3.023
531	WRITER (NEC)	24	9.191	6.015	4.912	10.140	3.400	2.155	1.595	1.747	2.065	2.505	2.917
532	FICTION WRITER	6	7.727	4.550	5.079	8.204	7.021	2.302	1.673	1.304	1.924	3.536	3.362
533	NONFIC WRTR (EXC JRNLIST)	5	13.390	5.273	6.107	7.570	6.427	3.899	2.588	1.817	2.588	2.563	3.347
534	JOURNALIST/REPORTER	23	11.750	6.266	6.301	11.361	6.381	3.157	2.042	1.938	2.087	2.694	2.334
536	PUBLISHER, ETC.	4	5.000	6.137	3.873	10.100	3.862	2.082	1.500	2.828	1.414	1.500	2.872
537	EDITOR	[illegible]	13.254	5.466	2.860	9.922	3.335	3.542	1.713	1.729	2.550	2.877	2.716
539	TRANSLAT, INTERPR, LINGST	13	7.529	5.886	4.352	7.077	4.922	3.326	2.230	1.472	2.139	2.794	2.570
541	FINE ARTS	67	11.194	7.064	6.009	9.879	6.061	2.606	2.251	1.792	2.504	2.787	2.717
545	COMM ARTIST	35	11.410	6.775	6.438	10.069	6.629	3.027	2.344	2.201	2.377	2.473	2.615
547	DESIGNER (CONS GDS)	3	10.970	11.590	13.051	10.693	4.726	2.082	2.082	0.0	1.528	0.577	4.041
551	MUSICIAN	7	12.302	10.100	8.942	7.647	8.121	2.854	2.410	1.528	2.820	2.380	3.237
552	SINGER	13	13.963	6.486	5.367	8.204	6.573	2.787	2.156	1.772	2.063	3.419	3.199
559	MUSIC-RELATED (MISC)	2	4.950	2.121	2.121	22.627	3.536	6.364	0.707	1.414	0.0	1.414	2.121
560	DANCER, CHOREOG	12	13.372	4.786	4.559	10.967	5.351	2.678	2.314	2.261	1.923	2.667	2.902
571	ACTOR	4	7.426	4.629	5.036	5.579	5.127	3.044	2.475	2.053	2.673	2.031	2.053
572	THEATRICAL DIRECTING	2	3.536	0.707	7.071	3.536	5.657	3.536	0.707	0.0	2.828	2.121	4.243
575	THEATRE (OTHER)	11	9.121	9.036	7.195	11.986	7.256	3.842	2.649	1.921	3.003	2.979	3.459
579	MISC PERF ARTS	3	12.767	3.606	3.215	16.073	0.577	2.082	1.732	1.528	2.517	3.786	4.359
581	MODEL	6	11.407	4.051	4.309	8.618	5.125	2.825	1.852	1.246	2.659	2.066	2.925
611	PRO ATHLETE	2	2.828	0.707	1.414	9.192	2.121	6.364	2.121	0.0	4.243	2.828	3.536
621	RECREATION DIR	6	11.119	7.259	3.998	14.342	7.031	2.659	2.446	1.506	2.070	2.976	2.252
631	FARM/RANCH OWNER	4	15.948	5.859	5.292	18.520	2.517	1.528	3.215	2.082	2.646	3.786	2.517
639	FARMING (OTHER)	6	6.946	5.965	3.304	8.732	3.594	1.291	1.500	1.291	0.957	2.754	2.500
661	POLICE (PUBLIC)	4	10.368	6.140	5.244	8.803	6.099	2.775	2.121	1.304	2.000	2.550	2.881
711A	BANKING & FINANCE, I	13	8.565	4.234	3.338	6.151	3.774	1.683	2.082	1.363	2.323	2.326	2.315
711B	BANKING & FINANCE, II	3	18.682	1.000	3.055	14.224	1.732	0.0	2.887	1.155	2.000	2.000	4.041
716	CPA	2	10.833	8.847	3.271	10.763	2.964	2.100	1.604	1.996	2.504	2.662	2.330
717	ACCTANT (EXC CPA)	27	9.523	5.981	4.860	10.454	6.594	2.963	2.347	1.683	2.191	2.619	2.686
721	PURCHASING AGENT	4	15.011	5.859	5.508	5.508	9.849	2.887	0.0	2.082	2.517	3.464	3.215
722	RETAIL BUYER	52	11.644	4.884	5.778	8.523	6.747	2.727	2.287	2.043	2.190	2.354	2.615
724	ADVERTISING	33	10.991	6.860	6.556	8.964	5.740	2.449	2.066	2.236	1.968	2.341	2.274
725	PUBLIC RELATIONS	17	12.076	3.337	3.828	10.420	5.440	1.938	1.359	2.058	1.435	2.999	3.011
726	PERSONNEL ADMIN	21	11.599	7.583	4.597	8.310	4.806	3.060	2.189	2.519	2.414	2.366	3.091
727	APPRAISING/ESTIMATING	16	9.926	9.070	6.678	11.726	7.328	3.459	2.287	1.928	1.861	2.476	3.087
728	LOAN/CREDIT INVESTIG	2	4.950	1.414	4.243	9.899	4.950	4.243	2.121	0.0	2.121	0.707	3.536
730	BUS, MGMT, ADM (NEC)	26	10.867	6.671	5.338	7.705	3.710	3.020	2.153	1.898	2.049	2.219	2.779
732	WHSL/RET TRADE MGMT/MKTG	17	7.350	5.578	4.332	8.413	5.067	2.278	1.768	2.609	1.993	2.239	2.875
738	SUPERVISOR IN BUS	5	6.802	5.586	5.612	6.470	6.753	3.386	1.211	2.066	1.366	1.751	3.391
741	SALESCLERK	36	8.153	6.176	4.607	10.632	5.508	3.220	2.348	1.758	2.234	2.611	2.832
743	STOCKBROKER	2	4.950	3.536	1.414	1.414	1.414	0.707	0.0	0.0	1.414	0.707	2.121
745	REAL EST SLSMAN	6	7.517	6.542	5.899	6.221	4.382	2.966	1.000	1.304	2.588	1.483	2.550
746	INSURANCE SLSMAN	4	12.533	6.683	4.517	8.796	4.262	2.639	1.602	0.753	1.789	2.944	2.074
748	OTHER SLSMAN (NEC)	15	6.916	7.414	7.366	11.461	7.459	2.738	2.167	1.543	2.498	2.404	2.825
751	BOOKKEEPER	[illegible]	8.401	6.653	5.573	9.529	5.525	2.706	2.136	1.559	2.176	2.541	2.785
752	TELLER OR BANK CLERK	32	8.492	4.987	5.497	8.673	5.403	2.261	2.016	1.391	1.999	2.449	2.162
753	CASHIER	5	9.680	4.844	1.862	11.203	2.975	2.229	2.137	1.506	2.757	3.430	2.483
755	MISC ACCT RECDG	66	9.508	5.947	4.990	10.065	5.385	2.923	2.294	2.174	2.277	2.708	2.516
756	KEYPUNCH OP	63	8.243	6.766	5.720	10.140	6.314	3.338	2.443	1.722	2.290	2.942	2.918
757	KEYPUNCH INSTRUC	3	6.000	6.658	5.132	11.269	10.214	3.606	2.646	3.786	0.577	0.0	3.786
758	COMPUTER OP	67	9.074	6.029	5.220	9.077	6.785	2.958	2.387	1.564	2.249	2.699	2.567
761	SECRETARY (NEC)	[illegible]	8.731	6.176	5.279	9.084	5.860	3.011	2.287	1.746	2.231	2.625	2.682
762	SECRETARY-BOOKKEEPER	36	7.724	5.456	4.705	9.416	6.553	2.063	2.051	1.924	2.358	2.867	2.832
763	MED/DENT SECRETARY	30	11.062	5.765	5.377	10.397	6.189	2.623	2.219	1.650	1.946	2.475	2.787
764	LEGAL SECRETARY	65	9.278	5.788	4.577	10.407	5.883	2.503	2.201	1.375	2.032	2.584	2.560
765	STENO, CRT REPRTR	67	7.450	5.966	4.976	10.351	6.064	2.879	2.300	1.633	2.136	2.657	2.895
766	TYPIST, CLRK TYPIST	69	9.260	5.465	4.757	9.604	6.516	3.286	2.595	1.753	2.145	2.629	2.490
769	CLERK (MISC)	99	9.185	6.241	5.285	9.259	6.326	3.044	2.521	1.640	2.284	2.875	2.932
771	OFFICE SUPERVISOR	18	11.264	6.246	6.164	10.732	6.345	3.276	1.917	1.451	2.026	1.749	2.585
772	OFFICE MANAGER	14	10.545	5.958	3.750	7.509	4.185	2.624	1.385	1.610	2.526	2.585	2.735
781	PHONE, PBX OP	21	9.012	9.165	6.880	8.612	7.464	2.239	2.082	1.599	2.211	2.224	2.881
789	OTHER "PUB CONT" OCCS	33	8.437	6.480	5.661	9.344	6.074	2.845	2.150	2.047	2.356	2.294	2.591
791	RADIO, TELEGR, TELETYPE OP	5	10.936	6.911	4.885	12.750	9.174	3.882	1.506	1.897	2.659	1.329	2.317
797	MISC CLERICAL	26	8.518	7.846	6.031	10.224	7.584	2.550	1.930	1.943	1.865	2.189	2.762
798	MISC ADMINISTRATIVE	15	11.391	5.347	4.863	8.384	3.984	3.397	2.455	2.590	2.248	2.424	2.723
810	ELECTRICIAN	2	0.707	3.536	0.0	4.950	6.364	0.707	0.0	0.707	0.0	3.536	2.828
811	ELECTRONIC TECH	2	3.536	4.950	2.121	0.707	2.121	1.414	2.121	0.0	1.414	2.121	0.0
853	AUTO, BUS, TRUCK DRIVER	2	12.021	0.707	0.0	0.0	3.536	2.828	1.414	2.828	0.0	2.828	3.536
861	PRINTING TRADES	6	6.745	5.099	1.304	10.559	4.382	1.581	2.000	1.643	1.924	1.095	3.209
864	DRAFTSMAN	4	12.121	9.032	8.921	9.678	7.136	5.598	1.633	1.291	3.000	3.697	1.826
865	PHOTOGRAPHY	11	7.867	6.842	4.614	6.585	7.786	2.378	2.300	0.831	1.737	2.149	2.533
866	INTERIOR DECORATOR	21	9.580	5.793	4.966	7.967	5.235	1.904	2.041	1.820	2.081	2.462	2.713
868	CLTHNG & FASHN TRADES	41	10.228	6.986	5.829	10.105	6.160	3.285	2.837	1.526	2.303	2.640	2.807
871	DIETITIAN	17	10.192	7.122	5.543	8.276	4.821	2.497	2.592	2.033	1.972	2.690	2.580
872	HOME ECONOMIST	35	10.216	6.068	5.229	9.888	6.261	2.795	2.145	1.530	2.077	2.796	2.408
873	AIRLINE STEWARD, STEWARDESS	[illegible]	12.511	5.276	3.878	10.192	4.581	3.702	2.472	1.755	2.428	2.687	3.088
881	FOOD & BEVERAGE PREP	8	8.717	4.504	5.182	9.695	2.816	3.105	2.188	1.690	2.416	3.563	2.712
891	MISC PERSONAL SERV	23	11.086	6.536	6.279	8.751	6.734	3.167	2.313	1.982	2.330	2.607	2.915
893	HAIRDRESSER	291	10.115	6.242	4.779	8.324	5.723	2.850	2.308	1.535	2.105	2.505	2.481
894	PRACTICAL NURSE	158	9.867	6.507	6.035	10.052	6.795	2.954	2.268	1.626	2.180	2.667	2.689
895	NURSES' AIDE	17	8.934	7.335	5.731	11.051	5.154	3.319	1.693	1.231	1.805	1.622	2.721
899	GENERAL LABORER	62	9.049	7.408	6.927	10.467	6.805	2.928	2.340	1.592	1.960	2.425	2.778
	TOTAL	15423	10.310	6.325	5.505	9.567	5.967	2.938	2.292	1.722	2.224	2.627	2.779

TABLE 1.2 (continued)

#	GROUP	N	MEANS										
			STUDENT ACTIVITIES INVENTORY (CONTD.)				STUDENT INFORMATION BLANK SCALES						
			CULTURE	LEADERSHIP	SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS
			R-607	R-608	R-609	R-610	D-802	F-803	P-820	F-822	F-823	P-827	P-828
000	NO ANSWER	1522	5.921	1.394	5.205	11.850	0.349	30.926	25.154	21.832	15.715	26.204	23.652
001	DON'T KNOW	155	5.747	1.253	5.054	11.620	0.518	35.633	27.398	18.952	15.181	26.459	25.500
010	HOUSEWIFE	4169	5.837	1.238	5.124	11.696	0.314	30.391	25.908	20.709	16.318	26.773	23.349
020	NO SPEC INCOME JOB	4	5.250	0.500	1.750	13.250	0.250	27.000	23.250	25.000	13.000	22.500	20.750
101	EXECUTIVE (NEC)	2	5.000	0.500	8.000	13.000	0.500	33.000	25.000	38.500	20.000	27.500	20.000
102	FOREMAN (NEC)	2	4.000	1.000	5.000	6.500	0.0	46.500	30.500	26.500	15.000	24.500	10.000
111	WORK FOR GOVT (NEC)	31	6.258	1.387	5.548	13.065	0.419	35.871	31.935	26.935	15.958	26.903	23.903
112	IN BUS FOR SELF (NEC)	33	5.667	1.727	5.970	11.909	0.333	31.576	24.030	25.909	17.606	27.273	24.848
120	IND, BUS, COMM (NEC)	26	6.115	1.654	5.577	12.500	0.423	31.885	25.269	20.385	13.577	26.308	25.077
121	RETAIL (NEC)	2	6.500	1.000	5.500	14.500	0.500	40.500	27.000	35.500	14.500	29.500	27.500
122	TRANSPORTATION (NEC)	6	6.167	1.167	6.833	13.500	0.333	30.000	29.667	22.333	19.333	27.667	28.167
123	REAL ESTATE (NEC)	5	5.400	1.600	5.200	11.800	0.400	32.600	18.800	37.400	18.400	21.800	25.400
124	INSURANCE (NEC)	7	4.143	0.714	6.143	10.143	0.143	26.286	23.143	28.143	16.571	26.143	25.286
125	ELECTRONICS (NEC)	2	6.500	1.000	6.000	13.000	0.500	23.500	27.000	24.500	20.000	26.000	29.000
140	"WORK WITH PEOPLE" (NEC)	2	5.000	4.000	6.500	16.000	0.0	25.000	24.000	18.000	16.500	27.500	29.000
141	"WORK W CHILDREN" (NEC)	7	6.143	1.857	5.286	11.429	0.143	29.429	24.429	32.286	19.143	27.286	25.000
211	MATH, STAT	20	6.200	1.450	6.150	15.150	0.950	48.250	39.800	23.850	17.400	31.600	24.850
221	SYSTEMS ANALYST	14	6.214	2.071	5.500	14.286	0.786	46.714	37.714	27.571	17.214	30.929	26.071
222	COMPUTER PROGRAMMER	53	5.585	1.245	5.623	13.642	0.830	47.189	35.019	25.208	17.302	29.245	25.604
229	COMPUTER SPEC (NEC)	4	6.500	0.500	4.500	9.750	0.750	37.500	31.500	15.250	20.750	30.250	28.500
230	PHYSICAL SCI (NEC)	3	5.667	1.000	6.333	12.000	1.000	44.667	34.000	21.000	18.000	30.000	29.333
231	CHEMIST	15	6.267	2.000	5.467	15.133	1.000	48.867	38.933	26.133	19.600	31.067	27.333
299	PHYS SCI, LAB TECH	29	5.931	1.621	5.069	12.241	0.655	35.138	29.483	23.103	16.276	27.897	24.793
310	BIOLOGIST, ZOOLOGIST	20	6.150	1.150	6.400	13.600	0.900	48.050	35.050	20.250	16.950	29.250	25.500
315	PHARMACOLOGIST	4	6.000	0.250	3.250	11.750	1.000	52.750	32.000	24.500	16.000	30.750	18.750
316	MICROBIOLOGIST	13	7.538	2.000	6.923	17.000	0.923	48.923	41.077	16.231	16.615	32.769	31.154
317	BIOCHEMIST	8	7.125	2.000	8.375	16.875	1.000	50;375	36.625	23.375	16.000	31.500	33.625
319	OTHER CHEM SCI	3	5.667	3.000	3.333	13.667	1.000	36.667	35.667	27.333	14.667	29.333	25.000
329	MD-OTHER	8	5.500	2.000	6.625	15.375	1.000	48.375	38.125	24.750	18.375	32.375	26.750
333	VETERINARIAN	2	8.000	2.000	5.500	16.000	1.000	44.000	37.500	27.500	14.000	32.500	32.500
335	PHARMACIST	14	7.214	1.857	7.429	18.071	0.857	46.143	39.214	27.571	19.143	31.857	27.143
337	RN	591	6.518	1.550	5.741	13.980	0.799	42.799	30.958	24.332	18.629	29.283	26.276
341	DENTAL HYGIENIST	32	6.719	1.469	4.969	13.938	0.813	44.188	32.000	25.813	16.594	29.813	21.469
343	PHYSICAL THERAPIST	16	5.500	1.188	6.688	12.500	0.875	46.813	32.750	27.313	19.750	29.875	26.938
344	OCCUPATIONAL THERAP	13	7.308	2.000	5.615	17.231	0.923	44.385	31.615	25.615	19.308	31.000	23.231
346	SPEC THERAP (MISC)	15	7.933	3.067	7.000	15.867	0.800	45.800	33.267	31.400	20.333	29.067	30.500
347	MED/DENT TECHNOLOGIST	93	6.839	1.774	5.570	15.301	0.949	42.452	34.151	23.183	17.495	30.043	26.172
348	MED/DENT TECHNICIAN	138	6.283	1.362	5.681	12.203	0.551	35.594	26.152	27.652	17.246	27.210	22.862
360	PSYCHOLOGIST	47	7.021	2.213	7.064	15.660	0.872	45.170	34.936	27.872	17.830	30.851	29.851
369	PSYCH RES ASST	3	6.667	1.333	5.000	11.333	1.000	46.667	28.333	34.333	23.667	28.667	23.000
370	SOCIAL WORKER	177	6.870	2.045	5.819	14.186	0.825	43.249	30.791	25.932	18.034	29.085	27.490
371	PSYCHIATRIC SOC WRKER	12	6.667	2.000	5.833	15.250	0.917	46.750	35.583	25.667	18.000	27.750	26.000
372	COUNSELING/GUIDANCE	12	6.083	1.583	5.583	14.083	0.833	43.833	31.250	23.750	18.500	30.167	25.250
373	VOC/ED GUIDANCE	40	7.300	2.625	..500	15.425	0.850	44.750	34.125	29.850	19.400	29.700	28.450
382	ECONOMIST	2	8.000	2.000	9.500	14.500	1.000	52.000	32.000	50.000	19.000	33.000	33.000
383	SOCIOLOGIST	2	6.000	2.500	4.500	8.000	1.000	42.000	27.500	48.000	20.000	25.000	24.000
384	ANTHROPOLOGIST	4	6.250	1.000	6.250	17.000	1.000	43.500	27.750	18.000	18.250	31.750	27.000
389	SOCIAL SCI (MISC)	6	7.167	3.000	6.833	16.333	1.000	51.000	36.667	21.333	21.333	30.500	26.167
391	POLITICIAN	5	5.800	1.800	4.800	13.200	0.400	36.800	29.200	26.400	17.800	29.400	36.200
392	DIPLOMAT	3	6.333	0.667	5.333	15.000	0.667	44.667	27.333	32.667	23.333	30.667	24.333
393	LAWYER	11	7.182	2.727	9.091	15.273	1.000	51.455	37.273	27.182	19.545	30.000	30.727
394	MARKET ANALYST	3	7.000	1.333	6.333	13.333	1.000	51.000	34.000	44.000	20.667	29.667	23.667
398	CITY PLANNER (NEC)	3	6.000	1.333	6.333	16.667	1.000	49.000	38.667	34.000	22.000	30.667	37.000
400	TEACHER (NEC)	1325	6.769	1.767	5.753	13.993	0.832	43.380	32.437	25.793	18.266	29.502	27.354
410	TCHNG YNG CHILDREN	10	6.900	2.100	5.000	14.100	0.900	42.100	30.500	23.000	18.300	29.400	25.100
411	TCHNG PRESCH CHILDREN	30	6.567	1.733	5.200	16.300	0.733	40.700	30.733	27.967	17.900	27.767	23.933
412	TEACHER-ELEM	616	6.576	1.584	5.411	13.399	0.810	42.328	30.688	24.416	17.644	29.224	26.469
420	TEACHER-HS (NEC)	81	6.444	1.667	6.099	13.938	0.802	42.568	34.864	27.519	18.272	30.111	27.222
421	TEACHER-HS MATH	36	6.528	1.972	5.528	16.306	0.889	46.083	37.389	30.556	18.556	31.500	24.139
422	TEACHER-HS SCIENCE	30	6.367	1.267	6.400	14.700	0.900	46.533	34.333	22.500	19.233	30.733	27.933
423	TEACHER-HS SOC STUD	54	7.259	1.648	5.815	14.278	0.870	47.704	33.537	29.648	19.852	30.204	27.074
424	TEACHER-ENGLISH	132	7.258	1.962	6.258	14.841	0.879	44.636	34.795	27.439	18.773	30.068	32.023
425	TEACHER-FOREIGN LANG	46	6.652	1.761	5.304	13.848	0.826	46.109	35.826	22.696	16.043	29.630	29.000
426	TEACHER-COMM ED	57	6.175	1.667	5.947	14.667	0.351	32.404	31.737	24.947	16.965	29.105	24.649
427	TEACHER-HS HOME EC	68	7.426	2.118	5.809	15.279	0.824	39.485	33.515	27.909	19.765	30.103	26.912
428	TEACHER-TRADES	4	6.000	1.250	6.250	9.000	1.000	48.250	30.500	15.250	21.750	26.500	25.250
429	TEACHER-PHYS ED	59	5.695	1.814	5.356	14.136	0.746	41.644	29.881	26.186	17.763	29.051	24.712
431	TEACHER-ART	50	7.240	1.780	5.820	14.190	0.800	43.520	31.520	23.820	17.490	28.780	28.620
432	TEACHER-MUSIC	65	7.523	1.846	5.785	14.538	0.739	41.708	33.077	25.677	17.615	29.246	29.154
440	TEACHER-HANDICAPPED	70	6.871	1.929	6.286	14.429	0.871	44.457	29.757	27.529	18.400	28.971	27.357
441	SPEECH THERAPIST	39	6.718	1.846	5.308	13.359	0.923	44.538	29.872	27.692	17.872	29.718	27.179
450	SCHOOL ADM (EXC COLL)	5	7.000	2.800	6.800	13.200	0.800	43.800	32.400	41.000	22.400	31.000	30.800
460	COLL/UNIV TCHR (NEC)	107	7.374	1.925	6.477	15.991	0.897	46.075	34.393	30.037	18.439	30.318	30.477
461	COLL/UNIV TCHR-MATH	10	8.500	2.100	6.700	19.300	0.900	49.700	39.300	18.300	17.000	29.900	31.900
462	COLL/UNIV TCHR-SCIENCE	17	6.941	2.647	7.059	15.471	1.000	50.882	41.235	28.529	16.824	33.059	30.765
463	COLL/UNIV TCHR-SOC SCI	16	7.438	2.500	6.250	17.563	0.938	46.500	38.250	26.375	20.313	33.375	33.438
464	COLL/UNIV TCHR-ENGLISH	32	7.469	1.906	6.469	15.500	0.875	49.094	39.281	28.344	19.656	31.125	31.031
465	COLL/UNIV TCHR-FOR LANG	19	7.316	2.105	6.263	14.947	0.842	46.158	37.632	25.000	16.579	31.000	31.000
470	COLL/UNIV TCHR-ADM	4	8.750	2.750	6.500	16.250	1.000	48.500	36.500	26.250	20.500	32.000	33.500
499	AUX JOBS IN EDUC	3	4.667	0.667	4.667	15.333	0.333	29.667	27.667	42.000	16.667	28.000	19.333
511	LIBRARIAN	77	6.429	1.312	5.208	13.416	0.844	42.052	33.922	18.987	17.338	29.623	27.000
521	CLERGYMAN	7	7.857	3.143	7.571	17.143	0.429	35.429	33.000	40.714	23.000	29.429	30.000
522	MONK, BROTHER, NUN	29	6.621	1.724	5.379	14.931	0.897	45.586	33.310	24.000	16.103	30.552	27.552

TABLE 1.2 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			STUDENT ACTIVITIES INVENTORY (CONTD.)				STUDENT INFORMATION BLANK SCALES						
			CULTURE	LEADERSHIP	SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS
			R-607	R-608	R-609	R-610	D-802	F-803	P-820	F-822	F-823	P-827	P-828
000	NO ANSWER	1522	2.260	1.390	2.580	5.222	0.477	12.851	9.481	16.546	6.567	5.615	9.084
001	DON'T KNOW	166	2.340	1.315	2.827	5.252	0.501	13.625	9.935	15.175	6.861	5.883	8.803
010	HOUSEWIFE	6168	2.198	1.333	2.594	5.136	0.464	12.068	9.241	15.393	6.282	5.210	8.665
020	NO SPEC INCOME JOB	4	2.754	1.000	2.872	4.193	0.500	16.371	7.544	14.720	6.733	3.697	4.349
101	EXECUTIVE (NEC)	2	2.828	0.707	5.657	5.657	0.707	15.556	0.0	13.435	8.485	2.121	7.071
102	FOREMAN (NEC)	2	2.828	0.0	2.828	0.707	0.0	4.950	16.263	20.506	1.414	0.707	14.142
111	WORK FOR GOVT (NEC)	31	2.863	1.476	3.075	5.059	0.502	14.371	10.548	20.018	6.353	5.042	8.719
112	IN BUS FOR SELF (NEC)	33	2.287	1.645	2.531	5.784	0.479	12.347	8.911	17.039	6.647	5.479	9.814
120	IND, BUS, COMM (NEC)	25	2.160	1.355	2.062	4.150	0.504	14.320	8.341	15.326	6.756	3.968	8.328
121	RETAIL (NEC)	2	4.950	0.0	2.121	10.607	0.707	7.778	7.071	7.778	10.607	0.707	3.536
122	TRANSPORTATION (NEC)	6	2.401	1.329	3.125	6.595	0.516	12.458	10.857	17.705	8.501	4.502	4.834
123	REAL ESTATE (NEC)	6	2.608	1.817	1.304	6.979	0.548	12.482	6.907	11.546	1.949	8.843	7.162
124	INSURANCE (NEC)	7	1.952	0.756	2.268	4.298	0.378	13.438	6.543	19.642	6.161	5.699	5.407
125	ELECTRONICS (NEC)	2	4.950	0.0	5.657	8.485	0.707	7.778	4.243	26.163	11.314	9.899	5.657
140	"WORK WITH PEOPLE" (NEC)	2	1.414	1.414	3.536	7.071	0.0	1.414	8.485	14.142	14.849	6.364	15.556
141	"WORK W CHILDREN" (NEC)	7	1.676	1.345	2.059	4.036	0.378	8.848	8.960	21.960	6.719	4.536	9.574
211	MATH, STAT	22	2.707	1.395	2.907	5.622	0.224	7.355	7.076	12.885	6.636	4.512	8.827
221	SYSTEMS ANALYST	14	2.723	1.542	2.710	5.797	0.426	8.416	9.754	19.298	4.154	5.540	7.98'
222	COMPUTER PROGRAMMER	53	2.476	1.285	2.566	5.910	0.379	11.156	9.724	17.146	5.430	3.966	8.832
229	COMPUTER SPEC (NEC)	4	1.732	0.577	4.041	6.652	0.500	11.705	7.188	7.089	1.500	6.344	8.426
230	PHYSICAL SCI (NEC)	3	2.517	1.000	3.215	2.000	0.0	1.155	13.077	25.239	2.646	4.359	6.028
231	CHEMIST	16	2.764	1.852	3.182	6.402	0.0	5.181	9.721	15.018	5.396	5.203	6.455
299	PHYS SCI, LAB TECH	23	2.374	1.498	2.219	4.453	0.484	12.640	8.887	14.311	6.233	4.945	10.280
310	BIOLOGIST, ZOOLOGIST	35	2.231	1.387	2.741	4.604	0.308	7.837	9.344	16.799	6.589	4.822	9.220
315	PHARMACOLOGIST	4	1.414	0.500	0.957	4.349	0.0	10.372	12.987	8.583	4.546	2.500	10.308
316	MICROBIOLOGIST	13	1.941	1.958	2.813	6.272	0.277	9.050	5.678	9.488	7.663	4.226	10.156
317	BIOCHEMIST	8	2.800	2.000	3.701	6.643	0.0	5.344	8.975	13.277	7.464	8.848	4.658
319	OTHER CHEM SCI	3	1.528	1.732	1.528	2.517	0.0	11.015	1.528	9.815	6.506	0.577	5.000
329	MD-OTHER	9	3.295	1.773	2.134	7.210	0.0	10.770	9.280	20.394	5.854	4.719	12.748
333	VETERINARIAN	2	0.0	2.828	3.536	11.314	0.0	11.314	10.607	14.849	4.243	3.536	3.536
335	PHARMACIST	14	1.762	1.562	2.821	6.006	0.363	4.470	7.329	14.898	4.555	3.920	8.752
337	RN	[illegible]	2.105	1.495	2.696	5.103	0.401	.168	8.402	16.432	5.591	4.631	8.111
341	DENTAL HYGIENIST	33	1.888	1.414	2.236	5.111	0.397	4.407	9.281	14.351	6.574	4.490	8.912
343	PHYSICAL THERAPIST	16	1.862	1.721	2.869	4.858	0.342	6.544	7.620	16.222	4.480	4.938	6.287
344	OCCUPATIONAL THERAP	13	2.136	1.826	2.022	3.961	0.277	6.850	9.341	15.174	6.524	2.944	7.190
346	SPEC THERAP (MISC)	15	1.668	1.668	2.878	5.083	0.414	9.229	5.800	22.286	5.627	4.431	7.179
347	MED/DENT TECHNOLOGIST	33	2.023	1.649	2.712	5.413	0.360	10.144	9.512	14.696	5.978	4.912	8.943
348	MED/DENT TECHNICIAN	133	2.201	1.356	2.617	5.406	0.499	12.415	9.761	18.406	6.051	5.270	8.982
360	PSYCHOLOGIST	47	2.298	1.559	3.053	6.033	0.337	9.389	9.391	16.018	5.247	4.144	6.640
369	PSYCH RES ASST	3	1.155	2.309	2.000	6.807	0.0	11.015	2.517	12.662	2.082	0.577	5.000
370	SOCIAL WORKER	177	2.218	1.665	2.733	5.339	0.381	10.114	9.355	16.569	5.814	4.883	7.694
371	PSYCHIATRIC SOC WRKER	13	1.923	1.651	2.552	5.691	0.289	9.166	10.405	17.222	5.377	5.065	10.243
372	COUNSELING/GUIDANCE	12	2.712	1.782	1.975	5.418	0.389	9.962	5.172	19.991	5.535	6.821	7.124
373	VOC/ED GUIDANCE	40	2.015	1.690	3.266	5.183	0.362	8.857	10.249	20.429	4.877	5.576	7.229
382	ECONOMIST	2	2.828	1.414	0.707	6.364	0.0	2.828	0.0	4.243	4.243	4.243	1.414
383	SOCIOLOGIST	2	1.414	2.121	0.707	5.657	0.0	11.314	13.435	14.142	7.071	7.071	5.657
384	ANTHROPOLOGIST	6	2.754	0.816	2.363	4.243	0.0	8.062	5.315	12.193	6.602	3.500	10.296
389	SOCIAL SCI (MISC)	6	1.722	1.095	2.639	4.457	0.0	3.521	9.688	12.242	4.227	4.183	11.161
391	POLITICIAN	6	3.768	1.789	4.207	8.983	0.548	13.103	11.563	33.635	5.263	2.490	1.643
392	DIPLOMAT	3	2.517	1.155	1.155	6.557	0.577	14.468	1.240	20.599	1.528	2.082	6.028
393	LAWYER	11	1.991	1.679	3.177	6.035	0.0	4.658	9.166	16.130	6.393	4.539	9.840
394	MARKET ANALYST	3	3.000	1.528	0.577	5.774	0.0	5.568	14.422	32.741	6.028	4.509	4.041
398	CITY PLANNER (NEC)	3	2.646	2.309	1.528	6.506	0.0	2.000	9.866	12.124	4.359	5.686	1.732
400	TEACHER (NEC)	1325	2.175	1.579	2.647	5.374	0.374	10.118	8.999	16.487	5.585	4.509	8.001
410	TCHNG YNG CHILDREN	10	2.601	1.524	1.944	5.859	0.422	7.666	8.554	19.573	5.250	4.766	9.666
411	TCHNG PRESCH CHILDREN	30	2.528	1.596	2.976	5.972	0.450	10.920	10.133	18.947	6.769	4.175	10.875
412	TEACHER-ELEM	616	2.277	1.489	2.692	5.385	0.393	10.245	9.286	16.101	5.955	4.795	8.222
420	TEACHER-HS (NEC)	81	2.191	1.651	2.884	5.195	0.401	10.176	8.868	14.801	5.788	4.858	8.191
421	TEACHER-HS MATH	36	2.396	1.699	2.823	5.148	0.319	10.313	9.581	16.481	6.372	4.914	8.107
422	TEACHER-HS SCIENCE	30	2.173	1.202	3.233	5.039	0.305	8.629	10.529	15.922	5.637	4.777	8.128
423	TEACHER-HS SOC STUD	66	1.935	1.443	3.016	5.167	0.339	9.416	9.790	19.814	6.230	4.635	8.959
424	TEACHER-ENGLISH	132	2.081	1.613	2.737	5.589	0.328	8.536	7.642	17.082	5.849	4.795	6.913
425	TEACHER-FOREIGN LANG	46	2.505	1.448	2.788	5.754	0.383	8.736	7.730	17.273	6.706	4.744	8.519
426	TEACHER-COMM ED	57	1.992	1.673	2.844	4.904	0.481	12.255	9.149	19.354	6.563	4.780	7.610
427	TEACHER-HS HOME EC	68	1.687	1.531	2.787	4.301	0.384	10.224	8.460	16.090	5.186	4.023	8.068
428	TEACHER-TRADES	4	0.0	1.893	1.893	7.703	0.0	2.872	7.895	10.563	5.252	5.000	4.573
429	TEACHER-PHYS ED	59	2.223	1.570	2.211	4.966	0.439	10.752	7.183	15.559	6.500	4.685	7.616
431	TEACHER-ART	50	2.181	1.461	2.804	5.612	0.404	10.754	9.502	14.005	6.125	5.277	7.977
432	TEACHER-MUSIC	65	2.115	1.613	2.553	5.758	0.443	11.532	9.306	16.077	5.396	5.874	7.201
440	TEACHER-HANDICAPPED	70	2.042	1.516	2.456	5.473	0.337	10.070	8.650	17.100	5.481	4.791	7.016
441	SPEECH THERAPIST	39	1.946	1.598	2.774	5.779	0.270	9.746	8.630	12.839	6.225	3.832	7.344
450	SCHOOL ADM (EXC COLL)	5	1.000	1.643	1.789	6.496	0.447	8.955	7.603	11.225	1.140	3.742	7.050
460	COLL/UNIV TCHR (NEC)	107	2.135	1.736	2.717	5.001	0.305	9.153	9.524	18.800	5.490	4.910	7.305
461	COLL/UNIV TCHR-MATH	10	1.269	1.287	2.312	3.743	0.316	9.202	9.799	10.285	6.289	5.990	5.280
462	COLL/UNIV TCHR-SCIENCE	17	2.193	1.730	2.727	6.094	0.0	6.123	8.885	15.261	5.235	4.038	7.742
463	COLL/UNIV TCHR-SOC SCI	15	2.898	1.592	2.955	7.624	0.250	11.057	8.234	13.012	3.497	3.222	5.738
464	COLL/UNIV TCHR-ENGLISH	32	2.094	1.748	2.527	5.193	0.336	10.786	8.956	16.439	4.232	5.247	8.338
465	COLL/UNIV TCHR-FOR LANG	19	2.335	1.696	2.663	6.493	0.375	9.996	8.227	15.380	5.824	4.534	9.911
470	COLL/UNIV TCHR-ADM	4	0.957	1.258	3.109	5.123	0.0	5.508	14.549	18.875	5.000	4.967	1.000
499	AUX JOBS IN EDUC	3	2.517	0.577	2.887	5.686	0.577	23.671	10.786	27.622	7.371	6.245	17.786
511	LIBRARIAN	77	2.297	1.664	2.966	5.665	0.365	10.222	8.931	14.211	5.581	4.362	9.071
521	CLERGYMAN	7	1.345	1.464	2.507	6.362	0.535	16.277	9.574	26.669	3.215	5.159	9.399
522	MONK, BROTHER, NUN	29	2.243	1.709	2.705	4.913	0.310	9.218	9.754	15.529	5.709	4.137	8.305

TABLE 1.2 (continued)

#	GROUP	N	MEANS										
			STUDENT ACTIVITIES INVENTORY (CONTD.)				STUDENT INFORMATION BLANK SCALES						
			CULTURE	LEADERSHIP	SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS
			R-607	R-608	R-609	R-610	D-802	E-803	P-820	E-822	E-823	P-827	P-829
523	RELIG WORKER (OTHER)	35	6.029	1.543	5.800	14.229	0.514	35.857	30.943	22.514	16.000	28.314	25.114
531	WRITER (NEC)	28	7.679	3.036	6.929	15.071	0.893	44.607	29.429	26.071	18.036	29.179	31.893
532	FICTION WRITER	5	5.600	2.200	5.600	15.000	0.800	36.400	29.000	28.000	14.000	27.400	34.200
533	NONFIC WRTR (EXC JRNLIST)	5	7.600	2.000	5.000	14.800	0.800	51.200	37.600	26.600	20.000	31.800	34.600
534	JOURNALIST/REPORTER	23	7.391	2.130	5.870	16.304	0.957	44.087	30.174	28.870	17.565	30.609	34.652
536	PUBLISHER, ETC.	4	9.000	3.500	8.000	14.500	1.000	50.250	35.250	32.250	16.750	28.250	36.500
537	EDITOR	10	8.400	1.700	6.800	14.200	0.700	43.400	37.000	28.100	21.100	30.100	32.100
539	TRANSLAT, INTERPR, LINGST	13	6.846	1.538	6.538	13.615	0.846	45.308	31.308	22.231	14.462	28.462	27.385
541	FINE ARTS	42	7.357	1.549	5.881	13.905	0.667	39.239	30.405	27.976	17.429	28.976	27.810
545	COMM ARTIST	35	5.657	0.971	5.171	10.571	0.486	33.685	25.686	24.400	16.114	27.714	27.114
547	DESIGNER (CONS GDS)	3	6.333	2.000	5.667	14.000	1.000	58.000	34.333	39.333	20.000	26.333	32.667
551	MUSICIAN	7	7.857	3.286	5.857	16.429	1.000	47.000	38.571	29.143	15.714	29.429	32.714
552	SINGER	13	7.385	1.846	7.000	13.538	0.538	28.462	24.538	27.077	16.000	26.462	31.462
559	MUSIC-RELATED (MISC)	2	7.000	2.500	6.500	15.000	0.500	41.000	34.500	44.000	18.500	33.000	31.500
560	DANCER, CHOREOG	12	7.417	1.833	6.417	12.333	0.333	33.333	27.583	26.750	14.750	27.083	25.167
571	ACTOR	8	6.125	2.750	5.250	12.625	0.750	40.250	28.875	14.375	15.250	25.875	23.250
572	THEATRICAL DIRECTING	2	7.500	2.000	6.500	16.500	1.000	49.500	25.000	51.500	24.500	33.000	25.500
575	THEATRE (OTHER)	11	6.182	2.091	6.636	13.364	0.818	42.545	26.000	32.182	19.091	28.455	31.455
579	MISC PERF ARTS	3	5.333	0.667	5.000	15.000	0.667	35.333	29.333	14.333	16.333	30.667	25.333
581	MODEL	8	5.875	0.875	5.250	10.125	0.250	32.250	19.625	20.500	15.375	25.125	25.500
611	PRO ATHLETE	2	5.500	1.000	6.000	9.500	0.0	30.000	16.000	11.000	17.500	28.000	19.000
621	RECREATION DIR	8	5.750	0.875	4.875	11.875	0.875	38.250	22.125	29.250	18.750	23.750	25.125
631	FARM/RANCH OWNER	3	4.333	1.667	5.000	7.667	0.333	32.667	16.333	31.333	17.667	23.333	24.667
639	FARMING (OTHER)	4	6.250	1.500	8.500	15.750	0.250	28.250	25.750	44.750	22.500	28.000	23.250
661	POLICE (PUBLIC)	5	4.200	1.600	4.800	10.000	0.0	27.000	21.000	32.000	20.200	20.200	19.200
711A	BANKING & FINANCE, I	13	5.615	1.692	4.769	13.923	0.308	30.000	30.923	21.308	19.615	29.538	22.154
711B	BANKING & FINANCE, II	3	8.000	1.000	4.333	11.000	0.667	28.667	27.667	31.000	26.667	23.667	27.000
716	CPA	8	5.625	1.250	4.750	11.375	0.750	49.125	25.750	26.875	17.625	26.625	19.375
717	ACCTANT (EXC CPA)	27	5.966	2.494	4.977	13.280	0.391	33.356	28.966	21.701	16.782	27.297	23.172
721	PURCHASING AGENT	3	5.000	2.667	6.667	15.000	0.667	42.000	36.000	19.000	12.667	35.333	23.667
722	RETAIL BUYER	27	6.593	1.593	5.519	12.963	0.630	38.889	28.481	26.926	18.370	28.296	24.037
724	ADVERTISING	23	6.957	1.739	6.478	14.478	0.652	40.391	30.652	31.174	17.870	27.522	24.304
725	PUBLIC RELATIONS	17	8.000	2.647	5.647	16.118	0.765	42.235	31.471	27.588	19.941	29.000	29.235
726	PERSONNEL ADMIN	21	7.095	1.857	6.095	14.619	0.762	[illegible]	31.238	28.905	16.095	30.429	27.619
727	APPRAISING/ESTIMATING	16	5.813	1.188	5.750	12.688	0.500	[illegible]	29.500	28.250	18.875	28.125	24.750
728	LOAN/CREDIT INVESTIG	2	4.500	0.500	6.500	11.000	0.0	20.000	18.500	7.500	17.000	29.000	13.000
730	BUS, MGMT, ADM (NEC)	26	6.462	1.577	6.038	13.077	0.615	36.308	29.038	25.154	15.692	29.731	26.962
732	WHSL/RET TRADE MGMT/MKTG	17	6.882	2.059	6.941	14.529	0.471	37.471	31.118	21.765	14.882	27.235	25.765
738	SUPERVISOR IN BUS	6	.667	2.500	7.000	13.833	0.0	30.833	21.667	35.167	15.500	22.333	19.833
741	SALESCLERK	36	5.194	0.833	5.111	10.778	0.167	26.444	21.444	19.556	16.056	24.361	21.611
743	STOCKBROKER	2	3.500	0.500	3.500	11.000	0.0	25.000	47.000	28.500	18.500	31.500	32.500
745	REAL EST SLSMAN	5	7.200	0.400	6.600	13.400	0.400	28.200	23.200	12.400	16.800	23.800	16.200
746	INSURANCE SLSMAN	6	8.000	1.833	7.000	14.500	0.500	31.167	26.333	27.000	18.000	22.833	19.833
748	OTHER SLSMAN (NEC)	15	5.600	1.467	4.933	12.467	0.333	32.000	19.600	20.200	18.533	23.667	20.533
751	BOOKKEEPER	100	5.310	1.090	5.250	11.960	0.180	27.740	26.790	19.550	16.170	26.670	22.160
752	TELLER OR BANK CLERK	32	5.594	1.281	4.875	12.125	0.219	28.188	25.438	22.156	16.625	26.563	21.219
753	CASHIER	6	5.333	1.167	6.833	11.500	0.333	30.833	28.667	13.667	15.333	27.833	26.500
755	MISC ACCT RECDG	46	5.587	1.370	5.000	10.870	0.283	28.761	25.065	23.413	16.826	26.565	21.609
756	KEYPUNCH OP	69	5.536	1.232	5.043	11.333	0.232	29.014	24.275	21.825	15.522	26.652	22.275
757	KEYPUNCH INSTRUC	3	6.000	0.333	4.333	13.333	0.333	32.667	21.667	35.333	17.000	27.333	24.333
758	COMPUTER OP	57	5.281	1.105	5.053	10.632	0.175	29.053	25.386	21.842	15.351	25.982	21.754
761	SECRETARY (NEC)	851	5.875	1.304	5.202	12.429	0.255	29.557	26.899	21.885	16.052	27.604	24.210
762	SECRETARY-BOOKKEEPER	26	6.538	1.769	6.808	13.692	0.308	29.308	29.692	21.192	15.808	28.346	25.538
763	MED/DENT SECRETARY	39	6.179	1.487	5.487	13.051	0.538	32.949	25.385	30.462	18.923	27.154	24.564
764	LEGAL SECRETARY	45	6.111	1.200	5.133	13.333	0.267	30.267	28.933	24.467	17.622	23.667	27.489
765	STENO, CRT REPRTR	48	5.875	1.396	5.458	12.708	0.167	28.854	28.625	19.646	16.083	27.583	24.229
766	TYPIST, CLRK TYPIST	68	5.309	1.029	5.132	11.382	0.250	30.495	25.176	20.191	14.603	26.632	23.015
769	CLERK (MISC)	99	5.596	1.051	5.010	10.939	0.202	27.010	25.495	21.838	15.697	26.444	22.778
771	OFFICE SUPERVISOR	18	5.556	1.444	5.667	12.500	0.278	29.722	23.778	23.389	18.611	27.222	19.944
772	OFFICE MANAGER	14	7.143	2.000	5.143	13.500	0.429	29.214	26.929	24.000	14.929	27.857	27.429
781	PHONE, PBX OP	21	6.571	1.429	5.238	12.000	0.190	27.429	23.286	24.762	16.619	25.048	21.667
789	OTHER "PUB CONT" OCCS	38	5.579	1.368	4.842	11.684	0.237	32.026	24.579	19.553	16.947	26.816	25.526
791	RADIO, TELEGR, TELETYPE OP	6	4.833	0.167	3.500	9.500	0.167	30.500	23.833	26.833	14.500	25.500	17.500
797	MISC CLERICAL	25	6.360	1.560	6.320	12.240	0.400	29.900	27.040	19.200	14.480	26.120	23.920
798	MISC ADMINISTRATIVE	14	7.214	1.714	5.714	14.714	0.714	41.071	30.714	26.643	19.071	29.214	25.857
810	ELECTRICIAN	2	8.500	3.500	4.500	11.500	0.0	23.000	24.000	44.500	12.000	23.000	25.500
811	ELECTRONIC TECH	2	5.000	1.500	3.000	8.500	0.0	14.000	24.500	12.500	19.000	24.500	17.500
853	AUTO, BUS, TRUCK DRIVER	2	3.000	0.0	7.000	7.000	0.500	24.000	14.500	4.000	20.500	20.500	15.500
861	PRINTING TRADES	5	4.800	1.600	4.200	9.800	0.200	30.200	19.300	15.000	18.600	20.800	21.800
864	DRAFTSMAN	4	7.750	1.000	3.250	10.500	0.500	25.250	22.250	27.500	10.500	25.250	22.500
865	PHOTOGRAPHY	11	6.273	1.182	5.545	10.636	0.455	32.727	27.545	15.727	15.909	26.273	24.727
866	INTERIOR DECORATOR	31	7.065	1.871	5.774	14.000	0.548	36.452	26.065	28.839	17.387	27.452	24.548
868	CLTHNG & FASHN TRADES	41	5.585	1.366	5.098	12.195	0.390	32.390	25.488	22.049	15.024	26.366	22.098
871	DIETITIAN	17	7.294	2.118	5.824	14.353	1.000	43.353	34.765	21.765	17.941	30.471	27.000
872	HOME ECONOMIST	35	7.400	2.229	5.829	15.114	0.771	37.286	32.029	23.714	19.314	30.114	29.486
873	AIRLINE STEWARD, STEWARDESS	23	5.000	1.652	4.652	9.739	0.391	35.217	23.913	23.000	18.174	26.696	21.217
881	FOOD & BEVERAGE PREP	8	5.875	1.625	4.625	11.375	0.125	25.000	18.625	13.250	13.625	26.250	19.500
891	MISC PERSONAL SERV	23	5.130	1.174	4.826	9.609	0.217	29.304	22.739	22.348	14.565	22.696	20.609
893	HAIRDRESSER	201	5.637	1.095	4.761	10.925	0.194	26.821	22.876	22.408	14.861	25.065	20.443
894	PRACTICAL NURSE	168	5.458	1.256	4.792	11.482	0.363	33.238	23.655	24.274	16.024	26.929	21.970
895	NURSES' AIDE	17	4.588	1.000	4.765	10.176	0.235	27.529	21.118	21.529	13.824	25.941	22.176
899	GENERAL LABORER	62	4.903	1.097	4.823	10.097	0.048	23.984	21.129	17.952	14.129	24.081	21.226
	TOTAL	15423	6.120	1.427	5.357	12.536	0.471	34.679	27.824	22.692	16.764	27.581	24.633

TABLE 1.2 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			STUDENT ACTIVITIES INVENTORY (CONTD.)				STUDENT INFORMATION BLANK SCALES						
			CULTURE	LEADERSHIP	SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS
			R-607	P-608	P-609	P-610	D-802	F-803	P-820	F-822	F-823	P-827	P-828
523	RELIG WORKER (OTHER)	35	2.370	1.597	2.564	5.053	0.507	12.363	8.285	17.145	7.364	6.007	7.711
531	WRITER (NEC)	28	1.964	1.598	2.538	5.291	0.315	10.833	9.255	18.092	6.512	5.034	10.035
532	FICTION WRITER	5	3.209	1.304	0.894	3.606	0.447	10.237	11.769	13.115	9.592	2.408	3.701
533	NONFIC WRTR (EXC JRNLIST)	5	1.673	1.732	4.000	3.271	0.447	5.404	7.127	16.426	2.236	2.588	6.768
534	JOURNALIST/REPORTER	23	2.105	1.687	2.096	4.117	0.209	11.413	11.504	16.198	5.426	3.702	6.372
536	PUBLISHER, ETC.	4	0.816	2.380	2.160	7.550	0.0	4.787	12.258	12.176	2.986	6.344	3.317
537	EDITOR	10	1.174	1.252	2.486	4.733	0.483	13.930	8.485	9.469	4.383	3.542	8.157
539	TRANSLAT, INTERPR, LINGST	13	2.478	1.808	3.307	6.577	0.376	8.712	10.086	18.167	6.778	4.892	6.886
541	FINE ARTS	42	2.058	1.400	2.716	4.477	0.477	12.593	9.117	16.719	5.640	5.168	8.146
545	COMM ARTIST	35	2.449	1.014	2.431	5.532	0.507	12.182	8.581	15.399	6.556	5.021	8.737
547	DESIGNER (CONS GDS)	3	2.887	1.000	1.528	4.359	0.0	14.000	14.012	19.858	4.359	6.028	6.807
551	MUSICIAN	7	2.795	2.059	2.340	6.079	0.0	7.767	11.717	19.583	6.701	5.593	6.264
552	SINGER	12	1.805	1.625	2.483	5.925	0.519	13.061	9.369	12.086	6.782	7.612	7.523
559	MUSIC-RELATED (MISC)	2	4.243	3.536	6.364	5.657	0.707	4.243	10.607	21.213	2.121	5.657	12.021
560	DANCER, CHOREOG	12	1.975	1.801	2.503	6.013	0.492	18.608	10.291	15.106	5.864	3.679	8.066
571	ACTOR	8	2.588	1.832	2.121	6.886	0.463	15.360	9.046	11.513	6.274	6.621	7.005
572	THEATRICAL DIRECTING	2	0.707	0.0	3.536	0.707	0.0	7.778	0.0	9.192	6.364	1.414	2.121
575	THEATRE (OTHER)	11	3.371	1.973	3.613	7.540	0.405	14.074	6.557	13.152	6.640	5.538	7.174
579	MISC PERF ARTS	3	1.155	0.577	2.646	2.000	0.577	17.243	4.041	9.609	3.215	5.033	9.292
581	MODEL	3	1.727	1.126	3.454	3.944	0.463	12.635	3.462	20.605	5.605	3.720	8.701
611	PRO ATHLETE	2	0.707	0.0	7.071	4.950	0.0	19.799	8.485	8.485	3.536	1.414	15.556
621	RECREATION DIR	9	2.816	0.991	2.167	5.303	0.354	12.759	8.132	19.514	7.869	5.092	9.978
631	FARM/RANCH OWNER	3	3.055	1.155	2.000	3.786	0.577	19.425	5.859	15.275	8.145	4.163	2.887
639	FARMING (OTHER)	4	2.062	1.000	1.915	5.123	0.500	16.500	9.674	14.930	2.380	4.899	5.852
661	POLICE (PUBLIC)	5	0.837	0.894	2.168	4.583	0.0	9.747	5.196	19.066	5.357	3.194	9.149
711A	BANKING & FINANCE, I	12	2.181	1.653	2.743	4.734	0.480	10.384	8.231	12.964	5.300	3.821	6.793
711B	BANKING & FINANCE, II	3	0.0	1.000	3.055	4.000	0.577	12.858	2.517	32.047	2.082	3.215	11.533
716	CPA	9	2.200	1.282	2.915	4.470	0.463	13.217	7.592	16.313	6.323	7.745	10.467
717	ACCTANT (EXC CPA)	97	2.223	1.446	3.015	5.386	0.491	13.071	9.960	17.024	6.303	5.120	9.196
721	PURCHASING AGENT	3	1.732	2.517	4.619	8.000	0.577	15.875	8.544	6.000	7.572	1.528	14.364
722	RETAIL BUYER	27	2.325	1.394	2.779	4.871	0.492	14.050	9.209	16.936	5.779	5.113	8.244
724	ADVERTISING	23	1.965	1.815	2.728	4.471	0.487	12.041	9.495	19.544	6.040	6.251	9.147
725	PUBLIC RELATIONS	17	1.904	1.455	2.999	4.622	0.437	11.546	7.674	16.349	6.485	3.984	5.869
726	PERSONNEL ADMIN	21	2.071	1.558	3.129	5.500	0.436	9.864	8.502	17.810	5.932	3.932	7.249
727	APPRAISING/ESTIMATING	16	2.198	1.167	2.569	6.008	0.516	14.037	9.571	17.684	6.965	5.632	10.472
728	LOAN/CREDIT INVESTIG	2	2.121	0.707	0.707	4.243	0.0	2.828	0.707	10.607	2.828	7.071	7.071
730	BUS, MGMT, ADM (NEC)	26	2.420	1.701	2.661	5.388	0.496	11.596	11.123	18.525	6.979	4.045	9.701
732	WHSL/RET TRADE MGMT/MKTG	17	2.118	1.345	2.384	5.444	0.514	14.253	11.629	16.158	5.936	7.710	7.111
738	SUPERVISOR IN BUS	6	1.033	2.074	3.578	5.269	0.0	7.731	6.861	17.186	8.550	4.033	10.926
741	SALESCLERK	36	1.925	1.056	2.785	5.462	0.378	12.124	9.107	15.577	6.723	6.402	10.129
743	STOCKBROKER	2	2.121	0.707	0.707	0.0	0.0	1.414	0.0	20.506	6.364	4.950	3.536
745	REAL EST SLSMAN	5	3.114	0.548	2.966	5.177	0.548	7.791	8.438	14.153	7.662	8.843	9.884
746	INSURANCE SLSMAN	4	1.897	1.472	3.286	2.811	0.548	9.131	5.955	19.298	4.858	5.492	15.536
748	OTHER SLSMAN (NEC)	15	2.530	1.356	2.631	5.436	0.488	11.058	6.162	16.480	5.579	6.091	8.863
751	BOOKKEEPER	100	2.154	1.138	2.333	5.170	0.386	10.564	9.009	17.661	6.044	5.117	8.675
752	TELLER OR BANK CLERK	32	1.811	1.464	2.860	4.427	0.420	9.021	10.226	12.368	5.723	6.405	8.518
753	CASHIER	6	2.422	0.983	2.994	5.857	0.516	17.781	10.727	9.852	8.042	7.223	11.256
755	MISC ACCT RECDG	46	2.508	1.525	2.700	5.764	0.455	10.488	8.452	14.690	6.012	4.920	8.810
756	KEYPUNCH OP	42	2.118	1.238	2.272	5.104	0.425	10.118	8.530	15.676	6.340	4.563	7.946
757	KEYPUNCH INSTRUC	3	1.000	0.577	0.577	4.726	0.577	18.583	7.234	9.292	5.196	4.619	12.097
758	COMPUTER OP	57	1.971	1.249	2.628	5.243	0.384	10.118	7.118	15.798	6.323	4.872	10.260
761	SECRETARY (NEC)	851	2.179	1.302	2.490	5.201	0.436	11.389	8.896	16.543	6.135	4.926	8.431
762	SECRETARY-BOOKKEEPER	26	2.024	1.557	1.939	5.753	0.471	11.013	10.035	15.108	5.185	4.955	9.513
763	MED/DENT SECRETARY	30	2.416	1.537	3.170	5.698	0.505	11.043	8.145	15.336	5.949	6.020	9.989
764	LEGAL SECRETARY	45	2.218	1.254	2.616	5.440	0.447	12.044	9.326	16.524	5.403	5.381	8.253
765	STENO, CRT REPRTR	46	2.189	1.349	2.910	5.469	0.377	10.949	10.326	13.854	5.441	4.694	8.752
766	TYPIST, CLRK TYPIST	62	2.287	1.106	2.431	4.914	0.436	13.936	9.606	17.222	5.945	4.360	9.112
769	CLERK (MISC)	99	2.294	1.190	2.613	5.044	0.404	10.532	9.581	15.223	6.529	4.601	9.120
771	OFFICE SUPERVISOR	10	2.526	1.790	2.497	6.205	0.461	9.706	9.765	15.632	6.509	6.160	10.563
772	OFFICE MANAGER	14	1.562	1.519	1.875	4.292	0.514	13.435	8.480	22.419	6.776	6.024	9.027
781	PHONE, PBX OP	21	2.135	1.076	2.406	5.648	0.402	9.059	9.986	17.421	4.433	6.874	9.292
789	OTHER "PUB CONT" OCCS	30	2.164	1.239	2.899	5.052	0.431	11.161	8.235	12.604	5.798	5.114	8.570
791	RADIO, TELEGR, TELETYPE OP	6	1.169	0.408	1.975	2.510	0.408	9.711	1.835	23.853	8.385	2.345	5.244
797	MISC CLERICAL	25	2.119	1.417	2.268	5.364	0.500	11.195	9.195	14.700	7.800	5.740	7.826
798	MISC ADMINISTRATIVE	14	2.326	1.590	2.494	4.084	0.469	13.516	10.373	19.464	6.133	7.768	11.044
810	ELECTRICIAN	2	0.707	0.707	0.707	7.778	0.0	7.071	5.657	36.062	5.657	1.414	3.536
811	ELECTRONIC TECH	2	1.414	0.707	1.414	3.536	0.0	0.0	3.536	17.678	11.314	2.121	3.536
853	AUTO, BUS, TRUCK DRIVER	2	1.414	0.0	1.414	4.243	0.707	11.314	0.707	5.657	2.121	14.849	10.607
861	PRINTING TRADES	5	1.304	0.894	1.789	5.263	0.447	6.261	7.759	12.629	6.580	7.085	7.085
864	DRAFTSMAN	4	1.258	0.816	0.957	3.000	0.577	7.632	8.846	32.192	4.655	8.057	11.902
865	PHOTOGRAPHY	11	2.687	1.079	2.622	6.087	0.522	10.297	11.818	10.498	6.640	5.884	8.719
866	INTERIOR DECORATOR	31	2.016	1.147	2.513	5.060	0.506	9.212	8.579	14.724	5.920	4.625	9.767
868	CLTHNG & FASHN TRADES	41	2.429	1.178	2.719	5.372	0.494	14.931	10.645	18.798	7.404	5.379	9.189
871	DIETITIAN	17	1.929	1.654	3.087	5.123	0.0	7.591	6.933	13.709	4.603	4.705	4.835
872	HOME ECONOMIST	35	1.786	1.477	2.728	5.561	0.426	11.508	9.817	15.480	6.466	3.954	9.373
873	AIRLINE STEWARD, STEWARDESS	23	2.132	1.668	3.270	4.947	0.499	10.322	7.948	15.371	4.569	5.085	9.095
881	FOOD & BEVERAGE PREP	9	2.642	1.923	2.264	5.579	0.354	14.957	9.561	8.396	6.140	5.418	10.114
891	MISC PERSONAL SERV	23	2.437	1.466	2.691	5.097	0.422	12.550	7.978	14.304	5.830	4.332	8.669
893	HAIRDRESSER	201	2.077	1.164	2.530	4.916	0.396	9.710	8.821	14.711	6.744	5.272	8.691
894	PRACTICAL NURSE	168	2.256	1.367	2.483	5.238	0.482	12.538	8.339	16.993	6.112	4.912	8.178
895	NURSES' AIDE	17	2.152	1.173	2.635	3.712	0.437	11.560	7.968	22.583	5.950	3.799	7.544
899	GENERAL LABORER	62	2.163	1.264	2.615	4.888	0.216	9.869	9.027	15.329	7.214	5.274	7.949
	TOTAL	15423	2.265	1.444	2.666	5.388	0.501	13.022	9.785	16.301	6.268	5.315	8.854

TABLE 1.2 (continued)

			MEANS									
			STUDENT INFORMATION BLANK SCALES (CONTD.)									
#	GROUP	N	SELF-PERCEP OF RDNG SKILLS	AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			P-829	F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
000	NO ANSWER	1522	23.426	33.442	31.610	20.730	50.235	23.175	11.740	19.388	46.730	14.641
001	DON'T KNOW	166	25.084	39.193	29.807	19.024	48.133	20.982	11.602	15.801	43.133	13.994
010	HOUSEWIFE	6168	23.240	31.128	29.572	19.509	49.550	22.618	11.909	17.915	48.715	14.572
020	NO SPEC INCOME JOB	4	24.250	37.250	30.000	13.250	53.500	21.250	12.250	1.500	46.500	15.500
101	EXECUTIVE (NEC)	2	22.500	53.500	40.000	32.000	56.500	32.000	13.000	21.000	44.000	17.000
102	FOREMAN (NEC)	2	23.000	19.000	21.500	8.500	40.000	17.500	5.500	18.000	29.500	11.500
111	WORK FOR GOVT (NEC)	31	26.548	39.742	33.097	20.677	48.710	21.742	11.387	20.290	46.161	14.969
112	IN BUS FOR SELF (NEC)	33	23.848	33.485	35.455	24.273	55.788	26.091	13.606	21.939	50.879	15.303
120	IND, BUS, COMM (NEC)	26	23.423	33.308	32.077	20.769	46.615	21.385	12.962	20.115	43.385	14.846
121	RETAIL (NEC)	2	25.000	48.500	35.000	27.000	63.500	31.500	12.000	23.000	55.500	19.500
122	TRANSPORTATION (NEC)	6	28.500	38.167	36.667	24.667	48.500	20.667	11.000	20.167	38.333	13.667
123	REAL ESTATE (NEC)	5	21.600	31.200	32.000	19.800	45.400	20.400	11.800	18.200	56.400	13.200
124	INSURANCE (NEC)	7	23.714	33.143	18.857	12.571	43.857	19.857	12.286	12.714	47.143	17.286
125	ELECTRONICS (NEC)	2	23.000	32.000	35.000	21.000	43.500	24.500	11.500	19.000	53.000	17.000
140	"WORK WITH PEOPLE" (NEC)	2	30.500	47.000	55.000	54.000	53.000	28.500	12.500	27.500	48.500	18.000
141	"WORK W CHILDREN" (NEC)	7	20.286	30.286	42.286	28.857	62.000	26.714	12.000	24.286	44.286	16.857
211	MATH, STAT	20	26.850	36.550	31.700	22.500	55.300	21.950	15.300	24.200	47.200	11.550
221	SYSTEMS ANALYST	14	28.000	37.714	31.429	21.214	51.714	21.857	12.429	22.357	40.500	14.214
222	COMPUTER PROGRAMMER	53	25.226	37.491	33.717	22.925	52.302	24.943	12.604	20.962	47.226	14.057
229	COMPUTER SPEC (NEC)	4	30.000	53.500	47.500	26.500	53.250	23.500	12.000	15.500	52.750	14.500
230	PHYSICAL SCI (NEC)	3	22.667	44.667	23.333	15.667	42.000	23.000	11.333	18.333	47.000	11.000
231	CHEMIST	15	28.267	38.600	39.667	27.933	55.933	26.467	11.467	17.267	39.067	13.467
299	PHYS SCI, LAB TECH	29	23.862	34.517	34.138	23.172	60.103	27.724	14.655	19.724	43.724	14.276
310	BIOLOGIST, ZOOLOGIST	20	30.700	40.900	36.000	23.900	55.650	24.650	12.900	16.650	46.000	11.500
315	PHARMACOLOGIST	4	24.250	44.250	22.500	16.000	45.000	20.250	12.500	15.000	34.250	11.500
316	MICROBIOLOGIST	13	29.154	42.385	31.000	24.769	45.000	23.308	13.385	21.846	46.538	13.154
317	BIOCHEMIST	8	28.000	47.375	28.750	22.250	51.500	26.500	13.500	17.375	40.000	12.000
319	OTHER CHEM SCI	3	25.667	41.667	43.333	34.667	64.333	32.667	12.333	16.667	20.667	19.333
329	MD-OTHER	8	30.500	48.000	32.500	20.750	64.500	29.875	16.000	25.125	36.875	15.125
333	VETERINARIAN	2	27.500	22.000	25.500	20.000	50.000	25.000	12.000	16.000	51.000	9.500
335	PHARMACIST	14	29.000	51.357	34.571	22.929	54.786	30.071	12.000	18.143	38.571	12.857
337	RN	591	25.792	38.032	34.311	24.516	52.044	24.277	12.953	20.907	44.475	15.120
341	DENTAL HYGIENIST	32	26.781	32.406	35.594	25.219	51.375	22.469	13.719	21.094	44.938	14.250
343	PHYSICAL THERAPIST	16	24.250	35.625	38.750	28.375	58.375	23.875	14.063	23.875	51.563	13.750
344	OCCUPATIONAL THERAP	13	29.000	42.692	40.462	28.615	61.000	31.077	13.154	23.000	46.077	14.923
346	SPEC THERAP (MISC)	15	28.133	49.467	37.333	29.267	61.933	25.400	13.733	24.133	47.133	17.200
347	MED/DENT TECHNOLOGIST	93	25.323	35.366	34.774	24.032	54.591	24.839	12.602	17.376	42.613	13.935
348	MED/DENT TECHNICIAN	133	22.899	33.246	36.420	24.703	56.623	26.478	12.667	21.203	47.072	14.979
360	PSYCHOLOGIST	47	29.532	48.681	36.809	25.979	55.128	24.511	14.021	20.277	49.532	14.511
369	PSYCH RES ASST	3	23.667	34.333	56.667	34.667	73.333	28.333	3.333	13.000	47.333	13.667
370	SOCIAL WORKER	177	26.881	40.000	38.446	27.588	51.164	23.350	12.379	20.599	45.514	13.062
371	PSYCHIATRIC SOC WRKER	12	23.250	45.417	38.167	27.000	51.750	24.417	11.333	22.000	48.833	14.167
372	COUNSELING/GUIDANCE	12	29.167	49.083	39.833	30.083	49.250	20.833	13.500	25.583	50.750	13.250
373	VOC/ED GUIDANCE	40	26.275	41.775	33.550	26.700	52.375	23.700	12.025	20.350	46.650	12.525
382	ECONOMIST	2	25.000	68.000	36.500	25.000	43.500	21.000	20.500	28.500	44.500	13.500
383	SOCIOLOGIST	2	18.500	28.000	40.000	37.000	63.000	34.500	23.000	41.000	40.000	17.000
384	ANTHROPOLOGIST	4	30.750	44.750	30.000	21.000	46.500	22.250	13.250	15.000	48.750	13.250
389	SOCIAL SCI (MISC)	6	30.500	39.333	31.667	24.333	46.333	22.167	11.167	20.333	45.000	10.500
391	POLITICIAN	5	30.000	49.600	30.000	18.400	33.400	13.800	9.400	21.000	45.000	10.800
392	DIPLOMAT	3	20.333	41.333	53.333	42.333	64.667	33.000	9.000	17.667	31.667	13.667
393	LAWYER	11	31.455	47.455	40.000	31.000	60.091	24.909	16.273	20.091	51.727	13.727
394	MARKET ANALYST	3	23.000	48.667	40.000	36.000	79.667	37.333	19.333	27.000	53.667	12.667
398	CITY PLANNER (NEC)	3	33.000	68.667	46.667	28.333	59.667	23.667	14.667	11.000	44.333	13.333
400	TEACHER (NEC)	1326	26.680	37.661	36.743	25.929	51.885	23.737	12.620	21.422	45.847	13.406
410	TCHNG YNG CHILDREN	10	26.300	43.200	42.000	29.000	49.800	24.800	10.800	27.100	45.400	16.900
411	TCHNG PRESCH CHILDREN	30	25.400	38.600	36.567	27.167	57.200	27.967	12.933	21.967	46.000	13.867
412	TEACHER-ELEM	616	25.737	34.505	35.878	25.372	51.468	23.959	12.312	21.601	44.591	13.713
420	TEACHER-HS (NEC)	81	27.259	40.778	36.049	24.765	50.506	22.716	12.370	22.901	45.938	13.642
421	TEACHER-HS MATH	36	24.111	35.167	34.444	24.611	53.222	22.806	12.222	21.528	39.361	12.583
422	TEACHER-HS SCIENCE	30	28.833	38.867	34.000	23.633	53.567	26.433	13.067	20.100	39.967	13.467
423	TEACHER-HS SOC STUD	54	27.630	49.352	35.667	25.315	49.796	23.389	12.389	21.593	48.556	14.370
424	TEACHER-ENGLISH	132	28.576	44.773	39.015	27.826	51.076	23.023	12.439	22.152	47.174	13.470
425	TEACHER-FOREIGN LANG	46	27.000	38.957	32.848	22.500	54.261	23.565	11.935	20.000	43.957	12.674
426	TEACHER-COMM ED	57	24.877	31.386	33.684	22.737	51.404	22.123	12.544	19.754	46.281	13.491
427	TEACHER-HS HOME EC	68	25.647	35.618	38.029	27.985	57.574	28.382	12.926	21.632	46.221	15.059
428	TEACHER-TRADES	4	23.750	40.750	25.000	13.250	51.500	24.000	10.750	20.500	40.750	13.000
429	TEACHER-PHYS ED	59	24.169	33.390	36.508	25.966	54.763	24.169	19.119	26.525	45.542	14.644
431	TEACHER-ART	50	26.800	40.340	33.240	23.260	55.640	27.840	13.060	20.940	45.020	13.100
432	TEACHER-MUSIC	65	26.385	38.985	40.108	29.723	55.323	27.323	11.492	23.277	44.554	12.585
440	TEACHER-HANDICAPPED	70	27.100	40.286	38.057	27.029	52.886	24.143	12.986	22.386	48.829	14.857
441	SPEECH THERAPIST	39	25.051	37.769	40.026	28.333	53.590	24.103	14.179	24.026	48.564	13.744
450	SCHOOL ADM (EXC COLL)	5	30.800	37.200	38.000	30.200	56.000	28.000	16.800	21.000	53.600	10.600
460	COLL/UNIV TCHR (NEC)	107	28.701	47.430	39.467	29.916	54.449	26.019	13.308	20.065	43.944	12.654
461	COLL/UNIV TCHR-MATH	10	29.500	44.100	35.000	22.600	66.000	34.300	15.500	25.500	43.900	15.100
462	COLL/UNIV TCHR-SCIENCE	17	32.471	54.647	43.529	31.353	62.706	29.882	13.353	25.176	50.706	15.471
463	COLL/UNIV TCHR-SOC SCI	16	31.688	57.625	43.938	33.563	54.688	25.813	13.000	25.063	47.125	13.313
464	COLL/UNIV TCHR-ENGLISH	32	30.906	53.531	39.594	29.000	56.844	26.156	14.063	20.875	45.063	13.219
465	COLL/UNIV TCHR-FOR LANG	19	28.105	40.421	40.000	26.263	48.158	22.947	12.789	18.474	47.737	12.263
470	COLL/UNIV TCHR-ADM	4	25.000	33.000	40.000	30.750	53.250	25.250	11.000	25.750	52.750	11.750
499	AUX JOBS IN EDUC	3	23.000	34.333	38.000	25.333	48.667	18.667	8.333	12.667	35.333	14.667
511	LIBRARIAN	77	27.065	43.039	31.493	21.935	46.844	20.623	11.078	17.753	42.416	11.974
521	CLERGYMAN	7	27.000	53.000	35.714	22.857	60.000	27.286	11.571	17.857	40.143	14.571
522	MONK, BROTHER. NUN	29	24.862	34.448	31.448	21.897	48.207	21.517	11.621	15.966	36.069	16.138

TABLE 1.2 (continued)

#	GROUP	N	SELF-PERCEP OF RDNG SKILLS	AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			STANDARD DEVIATIONS									
			STUDENT INFORMATION BLANK SCALES (CONTD.)									
			P-829	F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
000	NO ANSWER	1522	8.012	21.304	20.373	14.985	17.386	10.400	5.382	13.788	14.255	6.760
001	DON'T KNOW	166	8.345	22.323	19.728	14.905	17.809	9.933	5.352	13.489	15.857	7.182
010	HOUSEWIFE	6169	7.673	20.160	17.966	13.568	16.103	9.556	4.988	13.699	12.556	6.734
020	NO SPEC INCOME JOB	4	10.751	20.839	18.257	10.046	12.234	2.217	3.686	3.000	8.185	7.937
101	EXECUTIVE (NEC)	2	3.536	33.234	14.142	11.314	4.950	22.627	8.485	2.828	11.314	7.071
102	FOREMAN (NEC)	2	0.0	26.870	16.263	3.536	18.385	3.536	0.707	8.485	34.648	7.778
111	WORK FOR GOVT (NEC)	31	7.754	21.382	22.995	17.943	13.414	8.012	5.340	12.100	18.035	5.885
112	IN BUS FOR SELF (NEC)	33	9.059	18.621	17.156	13.489	19.314	10.303	4.437	13.276	8.325	6.743
120	IND, BUS, COMM (NEC)	26	7.377	22.873	20.896	15.529	18.040	10.800	5.288	11.728	13.121	5.065
121	RETAIL (NEC)	2	7.071	5.364	7.071	4.243	4.950	4.950	5.657	18.385	14.849	6.364
122	TRANSPORTATION (NEC)	6	5.167	19.346	19.664	16.669	5.857	9.004	4.000	15.158	21.097	7.633
123	REAL ESTATE (NEC)	6	6.504	22.565	10.954	6.017	20.107	9.072	5.020	14.940	16.712	7.791
124	INSURANCE (NEC)	7	10.781	20.012	10.761	9.641	13.297	9.155	4.536	13.997	17.780	7.181
125	ELECTRONICS (NEC)	2	7.071	39.598	7.071	15.556	23.335	19.092	0.707	7.071	16.971	1.414
140	"WORK WITH PEOPLE" (NEC)	2	3.536	9.899	21.213	19.799	0.0	12.021	2.121	24.749	6.364	7.071
141	"WORK W CHILDREN" (NEC)	7	10.950	28.912	19.233	14.665	18.475	13.462	7.024	13.413	19.094	7.081
211	MATH, STAT	20	8.235	18.619	15.455	9.929	14.935	8.344	5.232	13.477	9.567	5.995
221	SYSTEMS ANALYST	14	6.202	25.805	16.575	13.763	12.009	7.513	3.524	14.489	15.994	3.309
222	COMPUTER PROGRAMMER	53	8.984	23.467	14.134	12.842	13.979	8.520	4.978	13.016	11.719	6.634
229	COMPUTER SPEC (NEC)	4	5.099	33.010	9.574	11.210	17.173	5.916	5.292	12.689	9.430	4.796
230	PHYSICAL SCI (NEC)	3	6.429	6.807	5.774	10.970	30.050	13.115	5.859	24.379	6.083	10.440
231	CHEMIST	15	9.246	20.999	14.936	15.369	12.221	8.425	5.755	8.137	12.589	4.486
299	PHYS SCI, LAB TECH	29	8.463	21.182	14.764	12.806	14.128	6.713	5.734	12.892	15.142	6.891
310	BIOLOGIST, ZOOLOGIST	20	6.027	18.154	11.877	10.543	14.550	9.394	4.819	12.542	12.557	5.799
315	PHARMACOLOGIST	4	4.349	21.609	12.583	8.641	12.329	5.737	4.509	19.149	15.370	3.109
316	MICROBIOLOGIST	13	6.681	23.634	21.401	18.358	9.372	10.415	4.959	12.575	11.133	5.257
317	BIOCHEMIST	9	10.000	20.880	11.260	12.068	16.266	14.193	6.414	12.363	16.579	9.366
319	OTHER CHEM SCI	3	7.767	32.470	5.774	9.019	7.506	3.055	4.041	9.019	14.224	5.508
329	MD-OTHER	9	8.848	24.030	16.690	10.634	12.118	10.302	4.209	16.111	16.004	5.617
333	VETERINARIAN	2	6.364	5.657	20.506	16.971	24.042	5.657	5.657	14.142	1.414	7.778
335	PHARMACIST	14	8.067	19.472	15.698	11.310	13.645	10.065	6.000	11.203	12.900	6.298
337	RN	591	7.127	21.365	16.306	13.574	15.573	9.285	4.684	13.548	12.900	6.492
341	DENTAL HYGIENIST	32	7.678	20.006	16.833	12.893	14.242	6.701	4.920	14.058	13.440	6.340
343	PHYSICAL THERAPIST	16	7.169	23.059	15.438	14.226	13.539	7.338	4.959	13.291	8.929	5.604
344	OCCUPATIONAL THERAP	12	5.164	25.247	17.685	14.344	20.178	13.865	4.652	13.577	11.288	4.310
346	SPEC THERAP (MISC)	15	8.855	23.028	16.242	14.300	9.460	7.895	4.803	12.772	8.476	7.012
347	MED/DENT TECHNOLOGIST	93	7.944	22.310	14.982	12.228	16.267	9.311	5.013	14.021	13.647	6.654
348	MED/DENT TECHNICIAN	139	7.877	18.881	21.277	15.849	16.833	10.526	4.985	14.754	12.082	6.749
360	PSYCHOLOGIST	47	7.558	20.884	18.071	14.290	17.265	10.097	5.054	14.231	10.155	6.877
369	PSYCH RES ASST	3	2.887	20.551	5.774	7.572	13.503	3.215	2.517	10.392	6.506	5.686
370	SOCIAL WORKER	177	6.990	20.549	17.745	14.430	16.754	10.060	5.172	12.094	12.197	6.251
371	PSYCHIATRIC SOC WRKER	12	9.147	23.454	10.295	11.029	12.039	7.597	4.438	14.327	13.449	7.056
372	COUNSELING/GUIDANCE	12	6.492	17.625	17.172	14.362	10.687	6.478	5.452	11.912	9.016	6.730
373	VOC/ED GUIDANCE	42	9.808	23.088	12.465	11.678	13.169	8.315	5.171	10.485	13.364	6.315
382	ECONOMIST	2	4.243	9.899	4.950	1.414	4.950	2.828	0.707	3.536	6.364	2.121
383	SOCIOLOGIST	2	12.021	1.414	28.284	29.698	14.142	10.607	0.0	7.071	1.414	8.485
384	ANTHROPOLOGIST	4	6.185	29.511	18.257	11.136	17.972	11.644	5.377	7.703	6.500	9.912
389	SOCIAL SCI (MISC)	6	6.091	17.637	9.832	6.623	18.261	9.571	3.061	13.397	18.623	6.442
391	POLITICIAN	5	6.442	18.202	18.708	12.280	10.597	4.081	4.615	13.038	28.870	7.120
392	DIPLOMAT	3	16.073	5.508	5.774	2.517	16.623	2.003	6.245	6.807	16.503	5.033
393	LAWYER	11	4.719	20.151	13.416	10.247	12.965	10.473	4.149	13.308	8.392	6.117
394	MARKET ANALYST	3	7.937	19.399	26.458	26.000	23.094	11.240	4.163	2.646	11.061	1.528
398	CITY PLANNER (NEC)	2	5.000	9.505	5.774	2.082	11.547	9.815	2.517	13.454	10.504	2.887
400	TEACHER (NEC)	1336	7.096	20.221	16.092	13.168	14.789	8.978	5.029	13.197	12.522	6.250
410	TCHNG YNG CHILDREN	10	9.007	31.919	10.328	14.379	10.401	8.942	4.315	11.259	17.840	5.666
411	TCHNG PRESCH CHILDREN	30	5.721	19.534	22.495	18.639	15.493	11.400	5.350	17.339	14.386	6.972
412	TEACHER-ELEM	616	7.454	20.006	16.336	13.407	14.594	9.628	4.882	12.933	12.666	6.342
420	TEACHER-HS (NEC)	81	7.661	21.740	15.678	12.954	14.353	8.581	5.021	13.459	12.697	6.353
421	TEACHER-HS MATH	36	7.619	18.979	11.819	11.967	14.263	9.800	6.289	10.236	17.722	6.166
422	TEACHER-HS SCIENCE	32	8.242	19.551	13.797	12.044	13.970	9.287	4.785	14.065	13.755	6.806
423	TEACHER-HS SOC STUD	54	7.749	21.368	18.399	15.550	15.732	10.110	4.319	13.879	13.277	6.308
424	TEACHER-ENGLISH	122	5.986	22.167	15.909	11.869	13.728	8.560	4.655	13.737	11.752	6.494
425	TEACHER-FOREIGN LANG	46	7.589	18.916	16.116	14.340	16.379	8.909	4.358	13.537	12.534	6.964
426	TEACHER-COMM ED	57	8.534	19.144	18.863	13.816	12.916	7.611	4.736	12.262	13.363	7.147
427	TEACHER-HS HOME EC	68	6.615	19.285	17.031	13.532	12.976	9.985	4.842	12.744	14.472	5.877
428	TEACHER-TRADES	4	10.112	26.247	12.910	5.737	3.000	6.683	4.272	13.026	8.770	9.832
429	TEACHER-PHYS ED	53	7.458	21.853	19.240	15.839	15.473	8.332	4.308	12.145	12.674	7.948
431	TEACHER-ART	53	7.605	15.440	14.426	11.098	14.240	8.404	4.555	13.253	11.334	6.714
432	TEACHER-MUSIC	65	7.824	22.685	16.088	12.695	14.863	10.406	4.637	13.049	13.739	7.357
440	TEACHER-HANDICAPPED	70	7.255	20.672	14.622	12.069	14.851	9.225	4.664	12.828	9.817	5.869
441	SPEECH THERAPIST	30	6.992	15.213	13.515	10.675	15.934	9.800	5.553	12.358	10.799	5.651
450	SCHOOL ADM (EXC COLL)	5	10.159	25.859	21.679	21.123	25.475	8.803	7.085	14.018	5.857	1.140
460	COLL/UNIV TCHR (NEC)	107	6.421	22.122	15.936	13.788	14.847	8.984	5.372	12.553	13.961	6.391
461	COLL/UNIV TCHR-MATH	10	9.396	24.723	15.092	14.478	12.175	10.605	4.882	16.029	15.088	7.249
462	COLL/UNIV TCHR-SCIENCE	17	6.559	20.155	16.179	12.031	15.763	8.943	4.716	12.335	10.676	7.125
463	COLL/UNIV TCHR-SOC SCI	16	4.795	19.270	23.239	20.043	14.254	7.661	6.387	13.757	11.971	6.269
464	COLL/UNIV TCHR-ENGLISH	22	6.331	20.492	14.573	12.459	11.756	7.837	4.280	15.152	11.288	6.282
465	COLL/UNIV TCHR-FOR LANG	19	7.695	20.911	16.330	14.110	11.286	6.803	4.315	8.884	11.737	5.952
470	COLL/UNIV TCHR-ADM	4	5.715	31.770	16.330	7.365	5.315	7.411	2.160	19.015	6.185	5.315
499	AUX JOBS IN EDUC	2	9.535	38.734	15.875	7.024	17.156	5.686	4.509	17.010	14.572	8.622
511	LIBRARIAN	77	8.627	22.337	15.586	13.170	13.527	7.804	4.743	13.404	14.807	6.306
521	CLERGYMAN	7	5.568	25.962	12.724	11.611	11.358	3.200	6.241	13.297	12.760	7.208
522	MONK, BROTHER, NUN	29	7.534	16.179	14.764	9.574	15.751	8.838	4.769	12.211	15.137	5.514

TABLE 1.2 (continued)

#	GROUP	N	MEANS									
			STUDENT INFORMATION BLANK SCALES (CONTD.)									
			SELF-PERCEP OF RDNG SKILLS	AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			P-829	F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
523	RELIG WORKER (OTHER)	35	24.029	35.200	26.743	20.171	46.829	24.000	11.571	21.286	37.400	17.657
531	WRITER (NEC)	28	27.250	40.750	40.357	30.000	55.679	28.000	14.000	23.214	45.107	11.286
532	FICTION WRITER	5	30.800	27.400	36.000	25.200	58.600	25.800	13.600	22.800	32.800	11.000
533	NONFIC WRTR (EXC JRNLIST)	5	30.400	70.200	42.000	24.000	53.400	25.600	10.800	27.600	36.200	16.800
534	JOURNALIST/REPORTER	23	26.217	47.304	41.217	30.000	53.043	25.522	13.652	19.913	42.348	15.478
536	PUBLISHER, ETC.	4	26.250	53.500	50.000	35.000	60.000	30.750	13.750	25.250	50.000	12.750
537	EDITOR	10	29.100	42.000	35.000	25.800	48.100	21.800	10.600	16.300	43.400	11.800
539	TRANSLAT, INTERPR, LINGST	13	28.385	33.308	36.538	23.846	54.462	23.308	11.385	19.154	45.385	9.846
541	FINE ARTS	42	26.190	41.548	38.405	26.738	60.262	30.357	12.714	23.929	47.762	13.643
545	COMM ARTIST	35	25.714	36.029	31.714	21.171	61.657	29.314	13.057	10.343	47.286	14.143
547	DESIGNER (CONS GDS)	3	31.333	64.667	36.667	24.667	64.333	32.667	17.000	13.667	52.000	8.333
551	MUSICIAN	7	29.286	46.000	42.857	32.857	54.143	27.429	10.571	18.429	45.714	16.714
552	SINGER	13	26.538	37.231	43.308	30.923	55.615	26.846	11.077	11.000	48.000	13.769
559	MUSIC-RELATED (MISC)	2	34.500	65.500	45.000	33.500	43.000	20.500	9.000	29.000	49.500	10.500
560	DANCER, CHOREOG	12	23.917	30.833	40.000	31.250	56.583	31.583	12.500	23.917	53.250	15.167
571	ACTOR	8	25.875	34.375	35.750	24.500	52.000	21.125	12.250	24.000	43.000	9.125
572	THEATRICAL DIRECTING	2	22.500	74.000	60.000	46.000	75.500	31.000	10.500	24.000	54.000	19.500
575	THEATRE (OTHER)	11	27.091	32.000	34.818	23.909	53.818	23.909	12.364	22.818	46.818	13.182
579	MISC PERF ARTS	3	25.000	23.667	26.667	19.000	47.000	18.667	10.667	7.000	24.667	12.000
581	MODEL	8	26.750	29.250	17.500	11.250	51.625	25.125	17.500	19.625	50.375	10.875
611	PRO ATHLETE	2	13.500	35.500	25.000	20.000	76.500	40.500	14.000	9.500	52.000	13.500
621	RECREATION DIR	8	23.750	27.375	35.375	18.500	61.500	26.375	11.625	21.500	44.000	11.750
631	FARM/RANCH OWNER	3	26.333	32.667	23.333	10.667	46.000	23.000	11.667	20.667	43.333	17.333
639	FARMING (OTHER)	4	22.500	55.500	37.500	31.500	68.500	41.250	17.250	31.750	57.000	18.750
661	POLICE (PUBLIC)	5	13.000	30.000	22.000	14.200	52.000	23.000	13.200	20.300	44.800	17.200
711A	BANKING & FINANCE, I	13	24.615	31.615	34.077	27.846	55.538	25.692	14.615	21.462	42.462	16.615
711B	BANKING & FINANCE, II	3	20.000	24.000	40.000	30.667	57.667	30.333	15.000	25.667	54.333	13.333
716	CPA	8	21.750	42.375	35.000	25.375	60.875	28.625	14.000	19.500	44.000	18.625
717	ACCTANT (EXC CPA)	87	24.149	39.172	30.023	20.690	51.805	22.908	11.609	18.632	46.299	15.425
721	PURCHASING AGENT	3	33.333	19.333	23.333	18.667	46.667	23.667	11.667	22.000	50.667	16.667
722	RETAIL BUYER	27	24.333	34.630	34.889	24.556	49.667	24.963	11.926	19.667	46.111	14.704
724	ADVERTISING	23	28.652	46.130	32.174	23.522	57.000	27.957	13.609	19.739	49.652	15.217
725	PUBLIC RELATIONS	17	26.412	38.882	38.176	24.941	53.824	23.529	13.118	26.059	50.235	11.941
726	PERSONNEL ADMIN	21	28.905	38.429	30.238	28.429	59.667	28.143	13.429	17.667	47.048	14.714
727	APPRAISING/ESTIMATING	16	25.063	38.313	26.938	19.875	53.688	25.875	12.063	18.000	49.125	14.250
728	LOAN/CREDIT INVESTIG	2	18.000	20.000	15.000	11.000	40.000	12.500	6.500	27.000	38.500	14.500
730	BUS, MGMT, ADM (NEC)	26	26.500	34.769	33.346	21.462	54.192	22.808	11.538	20.154	42.423	16.231
732	WHSL/RET TRADE MGMT/MKTG	17	26.294	33.471	35.882	24.059	47.882	22.353	13.235	23.882	49.000	14.882
738	SUPERVISOR IN BUS	6	22.500	33.500	28.333	18.500	54.167	24.667	13.000	18.167	53.333	18.833
741	SALESCLERK	36	20.472	25.472	27.722	17.028	47.778	20.917	10.750	19.667	46.694	14.750
743	STOCKBROKER	2	19.500	10.000	31.000	22.000	50.000	22.000	11.500	3.500	50.000	5.500
745	REAL EST SLSMAN	5	22.400	33.200	22.000	16.400	37.400	13.800	9.200	26.600	55.400	19.000
746	INSURANCE SLSMAN	6	21.667	32.667	33.333	25.667	42.500	18.167	13.000	25.000	52.000	19.500
748	OTHER SLSMAN (NEC)	15	22.133	25.133	28.733	18.467	47.667	23.467	10.133	15.933	48.733	12.800
751	BOOKKEEPER	150	23.760	32.520	29.130	19.460	50.270	22.900	11.840	15.640	43.960	14.810
752	TELLER OR BANK CLERK	32	22.219	25.656	38.438	26.750	55.781	25.594	11.875	23.156	42.531	15.344
753	CASHIER	6	23.667	29.000	26.833	16.000	44.500	19.167	10.833	12.667	52.000	15.667
755	MISC ACCT RECDG	46	23.761	31.717	30.500	18.109	49.848	21.239	12.739	20.000	48.239	13.543
756	KEYPUNCH OP	69	22.696	30.246	29.435	19.174	52.870	25.072	11.986	17.565	41.783	15.072
757	KEYPUNCH INSTRUC	3	20.667	15.000	23.333	15.333	35.667	18.000	13.333	34.333	44.000	24.667
758	COMPUTER OP	57	24.474	31.228	25.439	16.632	47.228	20.860	11.561	17.246	44.561	16.228
761	SECRETARY (NEC)	851	24.402	32.170	30.250	20.025	48.028	22.049	11.586	17.839	46.035	13.924
762	SECRETARY-BOOKKEEPER	26	26.846	35.769	28.808	18.000	46.962	21.192	11.269	14.115	54.231	15.231
763	MED/DENT SECRETARY	39	23.923	35.462	36.077	24.949	51.462	23.103	13.000	18.282	47.667	16.949
764	LEGAL SECRETARY	45	25.244	27.911	30.933	20.800	49.622	24.489	11.889	17.800	46.733	15.156
765	STENO, CRT REPRTR	48	25.271	31.563	29.792	20.021	49.292	22.083	11.125	18.854	46.792	14.313
766	TYPIST, CLRK TYPIST	68	24.059	33.279	28.882	19.088	45.471	20.324	10.838	16.897	44.838	14.721
769	CLERK (MISC)	99	22.232	31.182	30.535	20.101	48.818	22.222	11.515	20.253	46.253	13.960
771	OFFICE SUPERVISOR	18	21.333	29.944	26.111	18.889	55.222	20.000	11.833	16.944	45.278	14.889
772	OFFICE MANAGER	14	23.571	33.429	28.571	20.143	48.286	23.000	10.429	19.357	46.929	13.214
781	PHONE, PBX OP	21	21.952	34.381	31.238	21.714	52.952	26.333	11.810	14.381	46.905	16.952
789	OTHER "PUB CONT" OCCS	38	22.789	35.789	32.000	21.211	46.316	21.658	11.079	15.658	48.947	16.026
791	RADIO, TELEGR, TELETYPE OP	6	23.000	29.000	26.667	17.333	44.500	23.667	12.667	14.500	41.833	16.833
797	MISC CLERICAL	25	26.560	30.520	34.400	21.320	52.160	23.120	12.160	16.800	47.360	13.800
798	MISC ADMINISTRATIVE	14	26.571	45.786	35.714	27.143	49.714	23.214	10.357	13.786	41.286	14.214
810	ELECTRICIAN	2	28.000	44.000	30.000	17.500	49.500	17.000	5.500	13.500	46.500	13.500
811	ELECTRONIC TECH	2	22.500	15.500	45.000	25.500	50.000	21.500	10.000	28.500	47.500	13.000
853	AUTO, BUS, TRUCK DRIVER	2	18.000	5.000	15.000	6.500	30.000	9.000	18.500	10.000	56.500	21.000
861	PRINTING TRADES	5	24.600	39.400	36.000	22.000	65.600	33.800	12.200	20.000	48.200	18.000
864	DRAFTSMAN	4	20.000	48.250	27.500	19.250	59.750	32.750	16.000	12.250	35.500	14.250
865	PHOTOGRAPHY	11	28.273	36.545	30.909	17.273	50.545	20.727	12.818	18.091	53.364	16.000
866	INTERIOR DECORATOR	31	23.290	36.355	37.161	24.516	57.419	27.032	11.613	20.548	50.226	16.032
868	CLTHNG & FASHN TRADES	41	22.805	31.537	28.805	19.707	47.805	22.854	9.561	15.902	41.293	13.268
871	DIETITIAN	17	27.529	36.294	32.941	26.294	49.824	24.412	12.235	21.118	44.059	11.882
872	HOME ECONOMIST	35	25.286	35.514	37.429	30.200	57.200	29.457	12.143	25.829	42.714	14.800
873	AIRLINE STEWARD, STEWARDESS	23	21.652	23.391	28.783	20.304	50.304	22.696	12.000	21.522	47.870	11.783
881	FOOD & BEVERAGE PREP	8	21.250	33.750	46.250	25.500	60.750	32.000	12.750	19.875	42.375	16.625
891	MISC PERSONAL SERV	23	20.304	33.826	29.130	16.783	49.261	22.696	9.565	10.000	40.087	14.957
893	HAIRDRESSER	201	20.289	27.905	30.214	18.960	50.816	23.308	11.333	17.577	47.761	15.408
894	PRACTICAL NURSE	168	22.601	33.333	31.607	20.250	51.857	24.440	11.946	16.970	43.250	15.391
895	NURSES' AIDE	17	21.059	31.059	27.824	16.412	39.765	19.588	8.118	10.294	41.294	14.588
899	GENERAL LABORER	62	21.935	32.065	28.968	17.710	48.548	22.548	10.565	13.435	44.710	15.774
	TOTAL	15423	24.357	34.018	32.076	21.717	50.656	23.275	12.103	18.999	46.892	14.352

TABLE 1.2 (continued)

#	GROUP	N	STANDARD DEVIATIONS									
			STUDENT INFORMATION BLANK SCALES (CONTD.)									
			SELF-PERCEP OF RDNG SKILLS	AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			P-829	F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
523	RELIG WORKER (OTHER)	35	7.548	19.523	18.382	17.125	14.236	10.102	5.343	14.472	16.261	5.881
531	WRITER (NEC)	22	7.872	23.689	18.951	16.653	15.154	8.802	4.414	12.931	12.378	6.954
532	FICTION WRITER	5	6.686	21.721	25.100	19.215	23.755	9.039	9.820	18.900	11.649	6.442
533	NONFIC WRTR (EXC JRNLIST)	5	1.673	11.476	17.889	14.107	21.606	11.327	2.775	17.813	21.159	9.834
534	JOURNALIST/REPORTER	23	8.628	21.922	15.181	14.006	15.593	7.476	5.015	12.965	15.337	8.764
536	PUBLISHER, ETC.	4	6.238	12.958	11.547	10.893	8.083	6.946	2.217	13.451	3.266	6.238
537	EDITOR	10	5.195	20.044	12.693	13.011	15.000	9.367	4.377	11.363	11.217	8.324
539	TRANSLAT, INTERPR, LINGST	13	5.470	19.259	14.051	12.536	8.511	6.460	4.976	13.759	12.553	5.129
541	FINE ARTS	62	6.564	19.994	17.767	13.674	16.170	10.290	5.247	14.634	10.392	5.917
545	COMM ARTIST	35	6.926	21.112	19.548	13.717	20.560	13.266	4.994	15.624	13.116	6.184
547	DESIGNER (CONS GDS)	3	1.155	25.502	30.551	17.474	14.012	11.372	5.292	10.017	3.464	5.033
551	MUSICIAN	7	9.196	21.024	11.127	9.990	15.731	7.764	4.928	10.861	12.216	4.071
552	SINGER	11	6.703	24.407	14.162	14.925	15.020	11.817	4.974	12.942	10.239	7.316
559	MUSIC-RELATED (MISC)	2	3.536	4.950	7.071	23.335	14.142	10.607	1.414	29.698	7.778	4.950
560	DANCER, CHOREOG	12	5.160	21.211	24.121	21.872	12.221	8.918	4.964	15.986	10.763	7.247
571	ACTOR	[illegible]	6.937	22.753	20.041	14.092	13.501	5.566	3.370	15.892	16.266	3.834
572	THEATRICAL DIRECTING	2	3.536	9.899	14.142	5.657	4.950	16.971	9.192	19.799	11.314	6.364
575	THEATRE (OTHER)	11	7.648	20.509	12.859	10.300	14.784	6.457	5.537	13.571	12.400	5.671
579	MISC PERF ARTS	3	8.888	1.528	15.275	8.185	12.166	7.506	6.807	1.000	18.448	7.211
581	MODEL	3	4.062	16.351	11.650	9.968	17.744	9.448	4.472	14.461	13.532	6.534
611	PRO ATHLETE	2	9.192	7.778	21.213	16.971	4.950	6.364	1.414	13.435	9.899	0.707
621	RECREATION DIR	8	8.379	13.005	7.347	8.767	15.937	11.991	5.829	15.639	12.705	8.120
631	FARM/RANCH OWNER	3	5.774	15.567	20.817	9.713	25.515	9.161	8.327	17.926	19.296	10.970
639	FARMING (OTHER)	4	14.526	27.934	17.078	15.610	12.767	6.801	5.123	9.106	12.110	5.123
661	POLICE (PUBLIC)	5	9.823	21.886	13.038	8.075	18.561	10.051	7.155	14.167	21.891	8.349
711A	BANKING & FINANCE, I	13	7.286	27.418	9.543	8.961	19.060	10.201	5.455	12.487	12.600	6.252
711B	BANKING & FINANCE, II	3	9.165	12.490	0.0	5.033	27.301	23.581	5.292	14.434	4.042	4.619
716	CPA	3	11.399	29.856	17.728	16.809	21.243	10.555	6.803	10.994	16.742	5.502
717	ACCTANT (EXC CPA)	[illegible]	7.793	[illegible]	17.308	14.500	16.640	11.504	5.259	14.113	15.436	7.284
721	PURCHASING AGENT	3	5.686	9.504	11.547	11.372	6.506	9.011	0.577	12.490	10.970	9.452
722	RETAIL BUYER	27	6.622	23.229	19.234	16.179	16.058	10.513	4.506	12.683	16.514	7.353
724	ADVERTISING	23	6.264	22.373	16.225	13.121	14.270	7.531	4.952	13.233	7.566	7.261
725	PUBLIC RELATIONS	17	8.839	23.817	20.911	15.990	13.758	11.391	4.794	13.804	9.595	6.581
726	PERSONNEL ADMIN	21	5.328	20.767	14.498	11.174	14.030	8.691	4.166	10.052	12.347	7.478
727	APPRAISING/ESTIMATING	16	8.095	18.245	16.147	15.470	19.011	9.521	5.938	16.371	11.707	6.496
728	LOAN/CREDIT INVESTIG	2	0.0	14.142	21.213	15.556	18.385	2.121	9.192	9.899	24.749	0.707
730	BUS, MGMT, ADM (NEC)	26	7.690	13.686	21.050	13.948	14.558	7.553	5.148	13.919	12.925	7.356
732	WHSL/RET TRADE MGMT/MKTG	17	6.430	18.625	12.776	12.487	17.269	9.287	4.764	14.274	14.556	7.288
738	SUPERVISOR IN BUS	[illegible]	9.006	12.481	7.528	11.131	10.591	4.546	5.812	14.919	11.378	8.495
741	SALESCLERK	35	8.433	12.600	21.073	14.587	15.914	10.465	5.823	14.823	14.465	7.454
743	STOCKBROKER	2	10.607	0.0	12.728	8.485	4.243	1.414	4.950	4.950	15.556	0.707
745	REAL EST SLSMAN	5	13.031	24.530	20.494	15.126	24.255	10.895	3.114	11.653	9.450	6.285
746	INSURANCE SLSMAN	6	11.501	26.815	12.111	13.171	12.693	8.305	6.000	12.696	17.481	3.937
748	OTHER SLSMAN (NEC)	17	8.975	16.780	17.190	13.016	20.020	9.117	5.290	11.913	11.961	6.461
751	BOOKKEEPER	[illegible]	7.587	20.799	15.909	13.368	17.541	10.004	5.262	13.077	15.940	6.654
752	TELLER OR BANK CLERK	32	8.878	17.628	23.016	17.337	15.039	9.771	3.687	13.091	16.062	6.675
753	CASHIER	6	6.470	21.335	16.130	11.189	19.367	10.553	4.622	10.093	12.377	5.007
755	MISC ACCT RECDG	46	8.316	22.216	16.995	12.822	15.763	8.994	5.243	14.859	12.834	8.148
756	KEYPUNCH OP	[illegible]	8.701	24.075	17.880	13.869	14.246	9.664	5.183	13.963	16.835	7.228
757	KEYPUNCH INSTRUC	3	15.503	5.000	25.166	17.243	14.012	12.124	9.609	23.756	14.107	4.163
758	COMPUTER OP	57	6.805	20.900	18.619	14.869	18.233	10.814	4.762	12.363	14.726	7.119
761	SECRETARY (NEC)	[illegible]	7.442	20.057	17.114	13.041	15.886	9.592	5.056	13.432	13.941	6.830
762	SECRETARY-BOOKKEEPER	25	7.908	17.032	16.771	11.479	15.170	8.400	5.197	11.354	10.871	6.677
763	MED/DENT SECRETARY	30	8.695	18.025	18.302	14.836	15.821	9.497	4.936	14.605	12.766	4.599
764	LEGAL SECRETARY	65	7.234	16.919	15.169	11.741	15.856	10.279	4.524	12.197	13.322	6.296
765	STENO, CRT REPRTR	43	6.744	21.195	19.946	14.022	14.805	8.863	4.958	13.672	13.694	6.898
766	TYPIST, CLRK TYPIST	63	7.326	21.448	16.591	14.094	17.701	9.382	5.645	13.782	16.197	6.667
769	CLERK (MISC)	[illegible]	8.327	19.516	18.149	14.117	14.958	9.114	5.683	12.778	13.833	6.608
771	OFFICE SUPERVISOR	19	7.814	20.110	15.770	11.945	19.068	10.911	5.762	14.244	14.919	6.995
772	OFFICE MANAGER	14	6.711	21.190	15.119	11.773	13.658	8.385	4.718	14.113	11.900	6.435
781	PHONE, PBX OP	21	7.228	27.312	18.745	15.538	19.195	12.990	7.271	13.869	15.751	8.375
789	OTHER "PUB CONT" OCCS	30	5.413	19.573	15.617	13.167	16.315	9.321	5.390	11.736	10.379	6.462
791	RADIO, TELEGR, TELETYPE OP	5	8.222	14.993	20.656	18.533	16.270	14.445	7.501	16.416	25.079	5.037
797	MISC CLERICAL	25	8.761	20.380	23.288	16.613	21.536	11.563	5.864	13.342	12.698	7.800
798	MISC ADMINISTRATIVE	14	6.309	23.866	18.277	16.209	11.605	7.547	4.500	13.577	17.455	6.471
810	ELECTRICIAN	2	0.0	8.485	14.142	13.435	21.920	14.142	3.536	7.778	13.435	6.364
811	ELECTRONIC TECH	2	0.707	3.536	7.071	3.536	4.243	0.707	0.0	2.121	9.192	1.414
853	AUTO, BUS, TRUCK DRIVER	2	21.213	7.071	7.071	6.364	4.243	0.0	7.778	14.142	3.536	5.657
861	PRINTING TRADES	5	5.030	31.809	16.733	11.662	3.131	8.438	6.723	13.838	19.305	6.892
864	DRAFTSMAN	4	11.633	21.156	12.583	8.770	16.194	14.773	4.243	16.540	13.796	3.948
865	PHOTOGRAPHY	11	4.692	12.316	13.004	6.973	10.985	5.901	4.687	13.225	7.047	6.633
866	INTERIOR DECORATOR	31	7.904	21.283	14.346	11.826	18.649	8.811	5.506	14.993	13.728	6.509
868	CLTHNG & FASHN TRADES	41	8.992	21.949	18.710	15.775	18.009	13.045	5.020	13.309	17.931	6.438
871	DIETITIAN	17	6.748	23.529	13.585	13.846	14.380	8.938	4.250	12.639	18.197	7.236
872	HOME ECONOMIST	35	6.702	18.502	19.150	17.024	19.851	12.839	4.977	10.043	12.611	6.202
873	AIRLINE STEWARD, STEWARDESS	23	7.825	17.860	16.828	14.493	12.197	6.064	3.931	14.469	14.293	5.776
881	FOOD & BEVERAGE PREP	9	6.902	21.532	28.253	17.809	23.273	12.939	5.285	19.007	17.800	8.717
891	MISC PERSONAL SERV	23	7.974	21.428	26.096	16.365	18.731	10.173	4.897	13.427	19.157	8.482
893	HAIRDRESSER	201	7.598	19.033	20.520	14.383	17.480	9.300	5.250	14.326	12.664	7.375
894	PRACTICAL NURSE	158	8.034	21.529	20.091	15.395	16.835	10.147	5.482	13.047	15.262	6.756
895	NURSES' AIDE	17	6.514	26.489	32.700	21.989	10.521	8.024	5.266	12.579	15.731	8.101
899	GENERAL LABORER	62	7.339	22.443	18.150	13.781	16.400	8.980	5.364	13.755	17.745	7.347
	TOTAL	15423	7.836	21.045	18.152	14.148	16.187	9.735	5.117	13.703	13.373	6.728

TABLE 1.3

MEANS AND STANDARD DEVIATIONS OF 12TH GRADE MALES ON 109 VARIABLES GROUPED BY OCCUPATION FIVE YEARS OUT OF HIGH SCHOOL

			MEANS										
			INFORMATION TEST I										
#	GROUP	N	SCREENING	VOCABULARY I	LITERATURE	MUSIC	SOCIAL STUDIES	MATHEMATICS	PHYSICAL SCIENCES	BIOL SCIENCES	SCIENT ATTIT	AERO & SPACE	ELECTRICITY, ELECTRONICS
			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110	R-111
000	NO ANSWER	1952	11.608	14.546	14.767	6.961	17.373	12.049	11.039	7.002	6.503	5.469	11.089
001	DON'T KNOW	803	11.563	14.138	14.413	6.479	17.090	11.178	10.416	6.927	6.619	5.142	10.260
101	EXECUTIVE (NEC)	53	11.884	16.196	15.791	7.977	20.233	15.047	12.894	7.395	7.186	5.930	12.116
102	FOREMAN (NEC)	52	11.510	14.184	13.449	6.082	17.000	9.878	9.673	7.092	6.143	5.367	10.612
111	WORK FOR GOVT (NEC)	52	11.635	14.365	14.081	7.404	17.731	11.808	10.423	6.923	6.731	5.558	10.365
112	IN BUS FOR SELF (NEC)	279	11.506	14.197	13.986	6.547	16.597	10.802	10.241	6.881	6.680	5.198	10.748
120	IND, BUS, COMM (NEC)	151	11.518	14.469	14.599	6.631	17.312	11.887	10.709	6.887	6.504	5.057	10.284
121	RETAIL (NEC)	33	11.818	14.030	13.576	6.091	16.970	10.485	9.727	6.333	6.818	4.576	9.545
122	TRANSPORTATION (NEC)	27	11.815	14.111	13.370	5.519	17.407	11.037	9.889	6.630	6.222	5.074	10.111
123	REAL ESTATE (NEC)	17	11.647	15.647	15.765	7.647	17.647	12.471	10.235	7.176	7.647	5.529	9.824
124	INSURANCE (NEC)	35	11.829	14.629	15.086	7.314	18.229	13.400	10.914	6.571	6.771	4.771	11.457
125	ELECTRONICS (NEC)	155	11.654	14.737	14.237	6.692	17.160	12.497	12.301	7.192	6.769	5.808	13.321
150	RESEARCH (NEC)	9	11.778	15.889	16.111	7.556	18.889	17.222	12.444	7.000	7.556	6.222	12.667
211	MATH, STAT	46	11.913	18.109	19.283	9.370	21.022	20.522	15.065	8.457	7.652	7.500	15.348
212	OTHER STATISTICS	14	11.929	17.857	19.143	9.357	21.071	21.500	16.214	7.714	9.357	6.214	13.929
221	SYSTEMS ANALYST	42	11.667	15.714	18.571	8.548	20.357	18.690	14.476	8.119	7.095	6.190	13.190
222	COMPUTER PROGRAMMER	121	11.835	15.975	16.488	8.041	19.165	15.149	12.455	7.339	7.157	6.099	12.314
229	COMPUTER SPEC (NEC)	20	11.800	16.800	16.650	8.800	20.100	16.800	14.100	7.900	7.600	6.300	13.550
230	PHYSICAL SCI (NEC)	18	11.889	17.778	18.222	8.611	21.333	20.000	16.611	9.278	7.833	8.056	17.056
231	CHEMIST	81	11.852	17.519	18.593	8.667	21.284	19.235	15.519	8.840	7.877	7.407	14.593
232	PHYSICIST	64	11.938	17.547	17.766	8.921	21.016	19.984	16.344	8.938	8.188	7.844	16.594
234	GEOLOGIST	17	11.706	16.706	16.765	8.176	20.529	17.882	14.294	8.529	7.765	7.118	14.647
235	METEOROLOGIST	10	11.900	17.300	19.100	9.200	22.100	19.800	15.400	8.800	7.300	7.600	15.300
240	ENGINEER (NEC)	167	11.796	17.228	17.353	8.353	20.635	18.790	15.030	8.946	7.629	7.084	14.940
241	CIVIL ENGINEER	105	11.857	16.800	16.686	7.810	20.286	17.962	14.105	7.743	7.219	6.448	13.419
242	ELECTRICAL ENGINEER	263	11.848	17.397	17.527	8.391	20.728	19.230	15.320	8.424	7.819	7.490	16.551
243	MECH ENGINEER	143	11.867	17.315	17.133	8.503	20.350	19.021	15.238	8.322	7.476	7.231	15.035
244	AERONAUTICAL ENG	37	11.730	16.838	16.838	8.270	19.514	18.000	15.054	8.027	7.514	7.622	14.973
245	CHEM ENGINEER	58	11.828	18.345	18.845	8.914	21.448	20.017	16.190	8.914	7.707	7.448	14.914
250	ARCHITECT	58	11.707	16.966	17.845	8.983	20.397	17.931	13.397	8.103	7.621	6.621	14.017
299	PHYS SCI, LAB TECH	78	11.718	15.333	14.628	7.128	18.154	13.756	11.846	7.500	6.872	5.615	12.218
310	BIOLOGIST, ZOOLOGIST	32	11.875	17.656	18.219	8.656	21.469	17.938	15.156	8.938	7.406	7.188	14.000
313	SPEC IN AGRIC SCI	35	11.971	15.714	14.971	7.029	19.000	12.800	11.714	8.314	7.314	5.629	10.886
314	WLDLF/FOREST SPEC	49	11.837	16.204	16.714	7.082	20.184	14.694	13.347	8.714	7.286	5.898	11.592
316	MICROBIOLOGIST	15	11.933	15.533	17.267	9.133	19.933	18.200	15.333	9.667	7.467	7.733	14.267
317	BIOCHEMIST	9	11.889	18.444	17.889	9.667	20.667	19.889	15.889	8.778	7.778	7.444	15.778
322	MD-SURGEON	14	11.786	18.571	19.429	9.286	21.286	20.143	15.286	8.429	7.571	6.714	13.000
329	MD-OTHER	229	11.865	18.245	19.629	9.729	21.738	19.956	15.773	8.677	8.009	7.197	13.913
332	DENTIST	97	11.814	17.258	18.227	8.577	20.093	17.876	14.856	8.515	7.278	6.753	13.505
333	VETERINARIAN	20	11.750	16.300	17.050	8.000	20.400	17.100	15.150	8.200	7.650	6.300	13.150
343	PHYS THERAPIST	11	11.182	14.909	15.727	7.273	18.000	12.545	12.182	7.455	6.636	5.727	10.273
347	MED/DENT TECHNOL	16	11.688	15.250	15.875	7.188	18.313	13.063	12.188	8.313	5.563	5.313	10.875
348	MED/DENT TECHNICIAN	27	11.852	14.889	15.667	7.333	17.037	12.185	12.852	7.111	6.963	6.222	12.148
350	HOSPITAL ADMIN	11	11.727	16.273	17.000	8.545	18.727	13.364	12.545	7.727	7.455	6.091	11.545
335	PHARMACIST	91	11.769	16.451	16.593	8.132	19.692	16.407	13.879	7.945	7.286	6.473	12.879
360	PSYCHOLOGIST	106	11.858	17.575	18.698	9.528	20.443	17.698	14.462	8.245	7.915	6.906	13.094
370	SOCIAL WORKER	60	11.800	15.983	16.583	8.233	19.067	14.050	12.183	7.500	6.767	5.783	10.850
371	PSYCHIATRIC SOC WRKR	9	11.667	16.667	18.778	9.111	20.444	13.667	11.778	8.222	7.333	6.000	9.667
372	COUNSELING/GUIDANCE	12	11.500	15.750	16.333	7.333	16.417	13.167	11.250	6.917	6.833	5.750	10.833
373	VOC/ED GUIDANCE	23	11.826	14.957	16.304	8.478	19.217	14.696	11.826	7.217	7.435	5.522	10.957
382	ECONOMIST	23	11.696	17.652	18.130	8.783	21.304	17.391	14.217	7.826	8.043	6.304	13.130
389	SOCIAL SCI (MISC)	21	11.810	15.667	17.286	7.857	19.905	14.238	13.429	6.952	7.238	5.286	13.143
392	DIPLOMAT	22	11.909	16.773	18.591	9.409	21.227	16.636	13.455	7.955	7.136	6.591	11.727
393	LAWYER	393	11.845	17.244	18.763	9.025	21.000	17.445	13.794	8.033	7.804	6.448	12.196
394	MARKET ANALYST	10	11.900	16.900	18.700	8.200	21.400	18.500	13.000	8.600	8.100	6.400	13.300
398	CITY PLANNER (NEC)	12	12.000	18.000	19.167	9.417	22.500	17.250	14.750	8.583	7.500	7.667	14.000
400	TEACHER (NEC)	423	11.809	15.395	16.142	7.605	19.225	14.132	12.298	7.496	7.199	5.544	10.830
412	TEACHER-ELEM	45	11.711	15.200	15.156	7.222	18.489	13.222	11.867	7.311	7.244	5.533	10.067
420	TEACHER-HS (NEC)	69	11.826	15.768	16.507	7.783	19.261	14.449	12.014	7.986	7.333	5.913	10.957
421	TEACHER-HS MATH	62	11.806	15.855	16.258	7.581	19.484	19.419	13.242	7.468	7.242	5.742	11.694
422	TEACHER-HS SCI	50	11.940	17.080	16.260	7.380	19.960	17.180	13.980	8.600	7.580	6.500	13.620
423	TEACHER-HS SOC ST	94	11.840	16.064	17.340	8.447	20.574	13.809	12.404	7.511	7.245	5.766	10.840
424	TEACHER-ENGLISH	45	11.889	17.267	19.000	9.200	20.000	15.933	13.533	7.756	7.244	5.956	12.289
425	TEACHER-FOREIGN LANG	10	11.800	16.300	18.100	9.300	20.400	14.300	11.300	7.600	5.900	5.400	11.900
426	TEACHER-COMM ED	16	11.813	15.125	15.125	7.375	18.313	11.063	11.063	7.125	7.250	5.313	11.000
428	TEACHER-TRADES	45	11.844	14.578	14.200	7.067	18.156	13.622	12.467	7.578	6.689	5.022	13.222
429	TEACHER-PHYS ED	57	11.860	14.211	15.070	7.649	18.105	12.789	10.947	7.053	6.912	4.737	9.947
431	TEACHER-ART	15	11.733	16.067	16.667	7.933	18.467	12.467	12.267	8.000	6.467	6.333	11.133
432	TEACHER-MUSIC	38	11.579	16.605	16.632	10.263	18.316	13.763	12.289	7.974	7.211	5.737	11.684
440	TEACHER-HANDICAPPED	18	11.778	16.167	17.722	9.167	21.056	15.500	13.167	7.944	7.333	5.611	11.000
450	SCHOOL ADMIN (EXC COLL)	43	11.907	15.488	16.605	8.628	19.000	13.419	12.256	7.651	7.349	5.581	9.977
460	COLL/UNIV TCHR (NEC)	179	11.888	17.497	18.810	9.704	21.106	17.480	14.453	8.475	7.743	6.654	13.190
461	COLL/UNIV TCHR-MATH	28	11.750	17.964	19.857	9.250	22.536	21.286	16.643	8.536	8.250	7.321	14.679
462	COLL/UNIV TCHR-SCI	68	11.897	17.779	19.294	9.294	22.029	19.529	16.191	9.103	7.956	7.691	14.662
463	COLL/UNIV TCHR-SOC SCI	85	11.918	17.835	19.482	9.588	22.082	17.612	14.106	8.318	7.953	6.706	12.282
464	COLL/UNIV TCHR-ENGLISH	57	11.825	18.316	21.228	10.544	21.667	18.737	15.018	8.316	9.105	7.140	13.018
465	COLL/UNIV TCHR-FOR LANG	15	11.867	17.533	19.533	10.133	22.200	19.333	15.133	8.267	8.267	6.000	14.133
521	CLERGYMAN	176	11.813	16.614	17.688	8.483	20.347	15.375	13.040	7.648	7.466	5.813	11.915
522	MONK, BROTHER, NUN	16	11.750	16.625	17.688	8.438	19.688	15.000	13.063	7.375	7.375	5.375	12.250
523	RELIG WRKR (OTHER)	14	11.857	15.714	16.357	8.214	18.929	14.643	12.000	8.000	7.286	5.214	10.143
531	WRITER (NEC)	24	11.708	16.625	18.958	8.917	18.875	13.583	12.208	7.917	7.625	6.042	10.542
534	JRNLIST/REPRTER	43	11.814	17.000	19.279	9.279	20.953	15.442	12.767	7.581	7.535	6.116	11.326
539	TRNSLTR, INTRPRTR, LINGST	9	11.333	17.333	19.000	9.222	18.889	15.778	14.111	7.778	7.889	5.556	13.556
541	FINE ARTS	16	11.875	15.813	18.938	8.313	18.813	12.813	12.250	7.438	6.875	5.750	11.750
545	COMM ARTIST	48	11.646	14.750	15.333	7.833	16.938	10.021	10.417	7.458	6.229	5.500	10.521
547	DESIGNER (CONS GDS)	28	11.929	15.571	15.643	7.000	18.143	13.286	11.071	7.286	7.107	6.464	12.000
551	MUSICIAN	24	11.792	16.083	15.875	10.375	18.458	14.167	11.958	6.542	6.792	6.208	12.833

TABLE 1.3 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST I										
			SCREENING	VOCABULARY I	LITERATURE	MUSIC	SOCIAL STUDIES	MATHEMATICS	PHYSICAL SCIENCES	BIOL SCIENCES	SCIENT ATTIT	AERO & SPACE	ELECTRICITY, ELECTRONICS
			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110	R-111
000	NO ANSWER	1912	1.027	3.761	4.772	3.036	4.810	6.113	4.375	2.277	1.940	2.506	4.648
001	DON'T KNOW	804	1.082	3.720	4.700	2.920	4.927	6.029	4.364	2.275	1.805	2.387	4.406
101	EXECUTIVE (NEC)	43	0.391	3.164	3.870	2.454	2.733	5.546	3.507	1.904	1.452	2.640	4.991
102	FOREMAN (NEC)	49	0.960	3.340	4.057	2.621	4.218	4.944	3.848	2.139	1.947	2.289	4.041
111	WORK FOR GOVT (NEC)	52	1.085	3.549	4.837	2.985	5.488	6.604	4.286	2.085	1.784	2.421	4.044
112	IN BUS FOR SELF (NEC)	274	1.087	3.571	4.440	2.885	4.763	5.804	4.042	2.343	1.765	2.409	4.411
120	IND, BUS, COMM (NEC)	141	1.018	3.599	4.443	2.929	4.815	5.781	4.265	2.217	1.831	2.170	4.463
121	RETAIL (NEC)	33	0.465	2.628	3.606	2.754	3.584	5.635	3.769	2.116	1.530	1.601	4.078
122	TRANSPORTATION (NEC)	27	0.622	2.953	3.953	2.517	4.097	5.913	3.836	1.779	1.783	2.218	4.136
123	REAL ESTATE (NEC)	17	0.493	3.353	3.993	2.448	4.372	4.598	3.382	2.215	1.367	2.348	3.972
124	INSURANCE (NEC)	35	0.453	2.787	4.375	2.742	4.138	4.984	3.729	2.581	1.437	2.129	3.921
125	ELECTRONICS (NEC)	155	0.885	3.498	4.110	2.791	4.020	5.668	3.749	2.054	1.777	2.380	4.545
150	RESEARCH (NEC)	7	0.441	4.285	4.428	3.321	4.256	4.842	4.746	2.693	1.590	2.635	3.606
211	MATH, STAT	46	0.285	2.111	3.351	2.489	3.116	2.779	2.070	1.573	1.449	2.209	3.951
212	OTHER STATISTICS	14	0.267	1.748	2.770	2.274	2.303	1.454	1.188	2.091	1.393	2.259	2.731
221	SYSTEMS ANALYST	42	0.928	3.352	3.247	2.391	3.594	4.724	3.110	1.811	1.897	2.371	4.080
222	COMPUTER PROGRAMMER	121	0.582	3.094	3.899	2.650	4.128	5.852	4.480	2.002	1.668	2.119	4.721
229	COMPUTER SPEC (NEC)	36	0.410	1.824	3.281	2.016	3.463	4.753	3.194	2.174	1.188	2.774	3.677
230	PHYSICAL SCI (NEC)	10	0.323	2.211	3.228	3.051	2.910	3.162	1.243	1.127	1.150	2.155	3.638
231	CHEMIST	91	0.450	2.579	3.481	2.636	2.847	3.825	2.980	1.539	1.364	2.054	4.046
232	PHYSICIST	46	0.244	2.211	3.939	2.444	2.848	3.195	1.810	1.379	1.344	1.937	3.211
234	GEOLOGIST	17	0.849	2.114	4.323	2.430	3.659	4.106	3.236	1.231	1.200	1.996	3.353
235	METEOROLOGIST	10	0.316	2.214	2.601	2.251	1.449	2.741	2.221	1.033	1.159	2.011	3.302
240	ENGINEER (NEC)	147	1.021	2.634	3.774	2.600	3.174	4.139	2.857	1.855	1.622	2.040	4.073
241	CIVIL ENGINEER	135	0.545	2.588	3.944	2.801	3.066	3.853	3.082	1.942	1.611	2.112	3.961
242	ELECTRICAL ENGINEER	243	0.487	2.461	3.559	2.730	3.034	3.465	2.890	1.822	1.499	1.855	3.706
243	MECH ENGINEER	143	0.415	2.050	3.569	2.301	3.125	3.497	2.548	1.853	1.373	2.037	3.962
244	AERONAUTICAL ENG	37	0.962	2.703	3.379	2.922	3.709	4.183	3.350	2.048	1.465	2.289	3.625
245	CHEM ENGINEER	59	0.425	1.551	2.978	2.529	2.062	2.123	1.504	1.466	1.567	1.667	2.952
250	ARCHITECT	60	0.676	3.112	3.355	2.551	2.727	4.125	2.738	2.083	1.361	2.151	3.823
299	PHYS SCI, LAB TECH	79	0.643	3.065	3.672	2.857	3.935	5.748	3.941	1.939	1.761	2.451	4.266
310	BIOLOGIST, ZOOLOGIST	32	0.336	2.457	4.661	2.881	3.213	4.557	3.214	1.966	1.500	1.975	3.619
313	SPEC IN AGRIC SCI	36	0.169	2.515	3.593	2.467	3.227	4.975	3.205	1.967	1.367	2.340	3.297
314	WLDLF/FOREST SPEC	43	0.514	2.525	3.360	2.835	3.032	5.197	3.166	1.768	1.620	2.104	3.645
316	MICROBIOLOGIST	15	0.258	2.200	3.615	2.748	3.195	2.513	2.845	2.127	1.506	2.052	4.759
317	BIOCHEMIST	4	0.333	2.744	4.400	2.646	4.444	3.621	3.140	2.048	1.481	2.186	3.801
322	MD-SURGEON	14	0.579	1.604	1.828	2.128	3.024	2.214	1.899	1.604	1.284	1.939	4.114
329	MD-OTHER	223	0.481	2.018	2.923	2.123	2.296	2.972	2.308	1.448	1.360	1.933	3.932
332	DENTIST	37	0.546	1.965	3.081	2.375	2.869	3.841	2.512	1.646	1.470	2.141	3.789
333	VETERINARIAN	26	0.444	2.167	3.576	2.772	3.515	4.340	2.961	1.642	1.663	2.003	3.345
343	PHYS THERAPIST	11	1.601	3.910	5.533	2.724	5.639	4.330	3.868	2.339	2.014	2.494	5.061
347	MED/DENT TECHNOL	16	0.873	3.000	3.914	2.639	4.207	4.795	3.351	1.815	2.128	2.152	3.575
348	MED/DENT TECHNICIAN	27	0.362	3.004	4.057	2.974	4.043	4.780	3.325	2.025	1.720	2.423	4.546
350	HOSPITAL ADMIN	11	0.467	3.797	5.621	3.387	4.174	6.485	3.588	1.954	1.695	2.548	5.336
335	PHARMACIST	31	0.804	2.432	3.524	2.647	3.359	4.080	2.936	1.682	1.385	2.203	4.120
360	PSYCHOLOGIST	176	0.446	2.229	3.319	2.504	3.027	4.595	3.105	1.739	1.395	2.109	4.112
370	SOCIAL WORKER	63	0.605	3.154	3.997	2.466	4.238	4.764	3.820	2.038	1.691	2.484	4.407
371	PSYCHIATRIC SOC WRKR	9	0.707	1.371	1.564	2.315	2.242	5.612	4.116	2.048	1.936	2.500	3.742
372	COUNSELING/GUIDANCE	13	1.243	2.927	2.229	1.670	4.738	6.887	4.393	1.975	1.267	1.960	3.010
373	VOC/ED GUIDANCE	23	0.491	2.654	4.922	2.447	3.503	5.049	3.822	1.999	1.674	2.294	4.237
382	ECONOMIST	23	0.765	1.335	2.651	2.131	2.344	4.520	2.713	1.946	1.461	2.245	4.015
389	SOCIAL SCI (MISC)	21	0.402	3.440	3.901	2.651	2.827	5.347	3.828	2.109	1.729	2.305	4.788
392	DIPLOMAT	22	0.294	3.176	4.067	2.702	3.491	5.113	3.776	2.058	1.612	1.563	4.085
393	LAWYER	333	0.494	2.458	3.447	2.542	2.808	4.467	3.374	1.814	1.446	2.296	4.237
394	MARKET ANALYST	10	0.316	1.969	3.622	2.348	2.221	2.461	3.197	1.578	1.729	2.011	4.968
398	CITY PLANNER (NEC)	12	0.0	1.859	3.713	1.975	2.195	5.242	2.379	1.505	1.732	1.923	4.533
400	TEACHER (NEC)	423	0.638	2.935	3.973	2.691	3.714	5.474	3.750	1.929	1.569	2.319	4.533
412	TEACHER-ELEM	43	0.787	2.752	3.729	2.610	3.514	5.456	3.794	1.940	1.598	2.380	4.330
420	TEACHER-HS (NEC)	63	0.513	2.647	3.803	2.884	4.050	5.403	3.640	1.631	1.642	2.454	4.532
421	TEACHER-HS MATH	62	0.623	2.862	4.296	3.092	4.084	3.687	3.678	2.125	1.647	2.353	4.590
422	TEACHER-HS SCI	53	0.240	2.009	3.917	2.752	2.864	3.767	3.432	1.629	1.472	2.013	3.556
423	TEACHER-HS SOC ST	24	0.423	2.828	3.677	2.465	3.323	5.137	3.254	1.888	1.536	2.177	3.629
424	TEACHER-ENGLISH	43	0.318	2.499	3.226	2.642	2.992	4.244	3.012	1.885	1.264	2.722	3.853
425	TEACHER-FOREIGN LANG	10	0.422	3.335	4.533	2.708	2.875	5.618	4.084	2.591	2.378	3.534	5.021
426	TEACHER-COMM ED	16	0.544	2.062	3.612	2.156	4.813	4.090	3.492	1.996	1.065	1.887	2.633
428	TEACHER-TRADES	45	0.424	3.237	3.300	2.517	3.309	5.197	3.578	1.936	1.676	2.137	3.813
429	TEACHER-PHYS ED	57	0.350	2.926	3.770	2.608	3.797	5.876	4.202	1.836	1.491	2.379	3.696
431	TEACHER-ART	15	0.594	2.604	3.109	3.105	4.499	5.153	2.939	1.773	2.100	2.795	4.486
432	TEACHER-MUSIC	38	0.793	2.646	3.900	1.899	4.356	6.175	4.255	2.150	1.647	2.356	4.412
440	TEACHER-HANDICAPPED	13	0.549	2.618	3.064	2.358	2.600	4.756	3.746	1.697	1.372	2.033	3.970
450	SCHOOL ADMIN (EXC COLL)	42	0.479	2.240	2.761	2.310	2.992	5.170	3.395	1.811	1.587	2.073	4.245
460	COLL/UNIV TCHR (NEC)	179	0.333	2.464	3.443	2.572	2.771	5.085	3.246	1.653	1.484	2.347	4.205
461	COLL/UNIV TCHR-MATH	28	0.518	1.774	2.745	2.810	1.621	2.323	1.638	1.710	1.266	2.056	4.047
462	COLL/UNIV TCHR-SCI	69	0.306	1.999	3.364	2.286	1.924	3.915	1.926	1.517	1.398	1.660	3.995
463	COLL/UNIV TCHR-SOC SCI	85	0.317	1.993	3.312	2.387	2.336	4.206	3.032	1.642	1.299	2.283	4.476
464	COLL/UNIV TCHR-ENGLISH	57	0.428	2.010	2.486	1.974	2.661	4.232	2.894	1.692	1.332	2.057	4.569
465	COLL/UNIV TCHR-FOR LANG	15	0.516	2.134	3.998	2.446	2.007	3.867	2.264	1.981	0.961	2.070	3.182
521	CLERGYMAN	176	0.589	2.842	4.044	2.765	3.402	4.776	3.515	2.136	1.556	2.350	4.380
522	MONK, BROTHER, NUN	16	0.577	2.918	4.143	2.804	4.377	6.356	3.316	2.125	1.147	2.419	4.494
523	RELIG WRKR (OTHER)	14	0.363	2.813	3.565	2.359	2.921	5.372	3.063	1.881	1.267	1.578	3.348
531	WRITER (NEC)	26	0.859	3.437	4.217	2.827	4.407	5.725	4.263	1.863	1.610	2.386	4.727
534	JRNLIST/REPRTER	43	0.500	2.862	3.875	2.576	2.600	5.320	3.872	2.342	1.517	2.442	4.902
539	TRNSLTR, INTRPRTR, LINGST	9	1.658	3.202	3.606	2.438	4.622	4.944	3.180	2.279	0.928	2.920	5.918
541	FINE ARTS	16	0.342	3.270	3.642	2.750	4.792	5.180	3.173	2.308	1.962	2.408	4.683
545	COMM ARTIST	49	0.812	2.899	4.750	2.417	3.889	4.822	3.432	1.957	1.387	2.193	3.626
547	DESIGNER (CONS GDS)	29	0.378	2.911	4.253	2.867	4.161	5.862	4.198	2.386	2.114	1.875	4.447
551	MUSICIAN	24	0.509	3.706	5.136	3.118	4.413	5.821	4.438	2.322	1.615	2.718	4.198

TABLE 1.3 (continued)

#	GROUP	N	MEANS										
			INFORMATION TEST I										
			SCREENING	VOCABULARY I	LITERATURE	MUSIC	SOCIAL STUDIES	MATHEMATICS	PHYSICAL SCIENCES	BIOL SCIENCES	SCIENT ATTIT	AERO & SPACE	ELECTRICITY, ELECTRONICS
			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110	R-111
559	MUSIC-RELATED (MISC)	15	11.600	15.800	17.133	10.533	19.667	15.067	11.867	7.333	6.800	5.733	11.533
575	THEATRE (OTHER)	23	11.739	17.130	18.826	9.652	19.696	14.391	13.435	7.609	7.609	7.000	14.261
578	RADIO/TV ANNOUNCER	17	11.529	16.353	16.235	8.588	19.235	14.353	12.529	7.882	7.059	6.294	13.235
579	MISC PERF ARTS	12	11.167	15.417	16.250	8.167	18.250	10.000	11.500	7.500	7.000	6.750	14.000
611	ATHLETE	10	11.800	15.100	13.100	6.000	17.100	11.700	11.000	7.500	6.700	5.600	9.100
612	PRO ATHLETICS (AUX)	15	12.000	14.933	14.733	6.533	18.400	12.867	9.800	7.000	6.933	4.600	7.533
621	RECREATION DIR	18	11.611	13.556	13.444	6.111	17.667	11.000	9.778	7.167	6.667	4.667	9.611
623	FRSTRY, HUNT, TRAP	19	10.895	14.053	13.000	6.000	15.526	8.632	10.368	7.947	6.579	5.211	11.158
631	FARM/RANCH OWNER	128	11.578	13.305	12.094	4.961	15.844	9.375	9.172	6.508	6.094	4.125	9.961
639	FARMING (OTHER)	244	11.500	12.766	11.488	4.992	15.365	8.951	9.061	6.385	6.213	4.135	9.533
640	MILITARY (RANK NOT IND)	54	11.315	14.852	15.204	6.833	17.370	11.370	11.204	7.111	6.981	5.611	10.130
641	MILITARY-ENLISTED	13	11.769	13.538	14.346	5.846	17.692	9.077	9.538	6.846	7.077	4.538	10.000
642	MILITARY-OFFICER	109	11.899	17.028	17.963	8.333	20.880	17.657	14.380	8.157	7.333	7.120	13.333
650	INTELLIGENCE-CIA, ETC.	21	11.571	15.905	17.095	7.952	19.952	15.667	13.190	7.381	7.476	6.190	11.476
661	POLICE (PUBLIC)	151	11.675	14.397	14.543	6.669	17.517	9.550	10.046	7.007	6.656	5.364	10.185
666	FIREMAN	41	11.537	13.244	13.073	6.293	16.488	8.829	9.537	6.415	6.610	5.122	9.805
669	OTHER PROTECTIVE	22	11.909	14.182	13.409	6.636	16.318	9.000	10.000	7.000	6.318	6.045	10.545
711A	BANKING & FINANCE, I	63	11.857	13.587	14.238	6.667	16.762	9.921	9.698	6.349	6.587	4.984	9.873
711B	BANKING & FINANCE, II	116	11.759	16.034	17.103	8.009	19.759	15.405	12.621	7.655	7.302	5.672	11.457
712	INVSTMNT, STOCK CONSULT	11	12.000	17.273	16.455	8.091	18.364	17.636	12.818	6.727	7.091	5.909	10.818
716	CPA	280	11.832	15.371	15.854	7.586	18.968	15.279	12.100	6.900	7.029	5.393	10.954
717	ACCTANT (EXC CPA)	202	11.772	14.401	14.510	6.683	17.871	12.559	10.500	6.851	6.550	4.866	9.970
721	PURCHASING AGENT	25	11.720	14.000	15.520	7.080	17.160	13.080	10.240	6.360	6.680	5.000	10.480
722	RETAIL BUYER	22	11.636	15.273	15.318	7.227	18.364	12.500	11.864	7.227	6.955	5.773	10.409
723	EFFICIENCY EXPERT	111	11.766	16.153	16.342	7.766	19.514	16.216	13.036	7.477	7.216	5.946	12.982
724	ADVERTISING	40	11.625	15.700	17.500	8.275	19.425	13.225	11.525	7.525	6.975	5.675	9.950
725	PUBLIC RELATIONS	31	11.839	16.452	17.484	8.677	19.323	12.774	11.452	7.290	7.323	5.387	10.323
726	PERSONNEL ADMIN	81	11.790	16.099	16.617	8.160	19.914	15.642	13.049	7.432	7.049	6.111	11.074
727	APPRAISING, ESTIMATING	36	11.806	14.722	14.389	6.556	18.694	14.056	11.778	7.139	6.583	6.000	10.083
728	LOAN/CREDIT INVESTIG	29	11.897	15.759	16.759	7.759	18.931	13.414	11.621	6.966	6.793	5.103	10.241
730	BUS MGMT ADM (NEC)	511	11.757	15.645	16.247	7.787	18.965	14.472	12.159	7.513	7.076	6.022	12.002
731	MFG MGMT	95	11.758	16.421	16.958	7.874	19.832	15.821	12.884	7.842	7.589	6.379	12.411
732	WHSL/RET TRADE MGMT/MKTG	195	11.764	15.031	15.636	7.246	18.328	12.944	11.359	7.021	6.923	5.431	10.826
738	SUPERVISOR IN BUS	87	11.770	14.552	14.023	6.747	16.724	10.920	10.379	6.667	6.667	5.092	10.379
741	SLSCLERK	23	11.783	13.348	12.870	5.783	16.609	10.652	10.000	6.261	6.304	4.565	10.565
742	RTEMAN (MILK, LAUNDRY, ETC)	12	11.167	11.667	11.083	4.000	13.167	4.417	6.500	5.667	5.667	2.833	9.250
743	STOCKBROKER	23	11.652	16.783	17.696	8.565	20.478	15.348	12.043	7.478	7.043	5.957	11.348
745	REAL ESTATE SLSMAN	26	11.615	15.192	15.731	8.269	18.192	14.154	11.846	7.154	7.538	5.346	12.038
746	INSURANCE SLSMAN	61	11.787	15.131	15.590	7.246	18.639	12.475	11.279	7.262	6.951	5.557	11.377
747	AUTO SLSMAN	22	11.682	13.909	14.909	7.045	18.455	9.909	9.864	6.364	6.455	4.364	9.909
748	OTHER SLSMAN (NEC)	350	11.743	14.637	14.709	6.931	17.514	11.863	10.526	6.800	6.826	5.337	10.800
749	SALES MGR	73	11.753	15.192	15.548	7.438	18.315	13.589	11.260	6.986	6.945	5.589	10.986
751	BOOKKEEPER	10	11.100	12.400	12.200	6.600	15.000	8.800	9.500	6.400	7.300	5.100	8.500
755	MISC ACCT RECDG	27	11.704	13.037	13.667	6.148	16.185	8.741	9.111	6.074	6.111	4.259	8.519
758	COMPUTER OPERATOR	78	11.667	14.154	14.064	6.962	16.615	11.756	10.423	6.564	6.551	5.013	10.744
769	CLERK (MISC)	24	11.292	11.708	11.792	4.750	13.958	7.833	7.792	5.625	5.083	3.208	7.292
772	OFFICE MGR	28	11.357	13.321	14.036	6.250	17.286	10.107	9.857	6.714	5.821	4.714	9.500
789	OTHER "PUB CONT" OCCS	14	11.429	14.357	12.286	6.786	17.143	11.214	9.143	5.286	6.286	4.286	9.286
791	RADIO, TELEGR, TTY OP	14	11.786	13.643	14.214	6.929	16.714	10.929	9.571	6.857	6.429	4.500	9.071
797	MISC CLERICAL	112	11.393	13.339	12.830	6.366	15.455	9.634	9.054	6.304	6.027	4.652	9.241
798	MISC ADMINISTRATIVE	38	11.658	14.658	14.632	6.711	17.132	10.868	10.316	6.658	6.500	5.237	9.947
810	ELECTRICIAN	168	11.506	13.262	12.702	5.452	15.685	9.060	9.738	6.476	6.429	5.060	11.601
811	ELECTRONIC TECHNICIAN	212	11.542	15.302	14.434	6.396	17.627	13.245	12.519	7.486	6.755	6.321	13.995
812	APPLIANCE REPAIR	55	11.600	12.873	12.309	5.655	15.091	9.618	9.782	6.455	5.855	4.364	10.818
813	PHONE INSTALL & REPAIR	39	11.590	14.590	14.179	6.128	17.410	9.923	10.308	7.128	6.897	5.282	11.308
814	REPAIR & SERV COMP	32	11.500	15.156	14.125	6.875	17.594	13.594	12.031	7.594	6.813	6.563	13.594
820	MECHANIC (NEC)	116	11.431	13.155	12.250	5.172	14.664	8.216	9.181	6.448	5.905	4.940	10.974
821	AUTO MECHANIC	74	11.595	12.743	11.473	5.270	15.081	8.514	8.973	6.095	6.149	4.743	11.203
822	AIRPLANE MECHANIC	68	11.603	13.559	13.059	5.882	16.559	8.779	10.074	6.868	6.485	5.853	11.176
823	OFFICE MACH REPAIR	17	11.235	14.000	14.647	7.059	16.471	12.059	11.176	7.647	6.353	5.529	13.118
824	IND MACH REPAIR	21	11.429	13.905	12.571	5.762	15.524	9.333	10.048	6.619	6.571	5.524	11.143
828	MACHINIST	176	11.523	13.489	12.375	5.642	15.352	9.580	9.653	6.449	6.051	5.074	10.528
831	CABINET MAKER	13	11.692	11.692	11.385	5.154	13.000	8.154	9.077	5.923	6.385	4.615	9.923
832	CARPENTER	55	11.600	12.600	11.618	4.764	14.655	7.582	8.982	6.291	5.927	4.309	9.691
833	METAL TRADES	92	11.489	12.272	11.348	4.837	14.022	7.272	8.272	5.935	5.576	4.207	9.283
834	BRKLYR, MASON, PTR, RFR	62	11.258	12.952	11.710	5.097	14.935	8.371	8.887	6.145	5.984	4.548	10.306
835	PLUMBER, PIPEFTR	72	11.361	12.819	12.014	5.042	14.681	8.097	8.972	6.542	5.958	4.611	9.667
836	HEAVY EQUIP OP	47	11.617	12.085	11.319	5.532	14.404	8.021	8.617	6.319	5.851	3.915	9.106
837	MISC BLDG & CONST	71	11.592	13.493	12.394	5.634	15.197	9.761	9.338	6.620	6.042	5.127	10.535
838	MINING, QURYNG, DRLNG	16	11.750	12.625	10.938	5.000	13.500	7.250	8.000	6.125	6.125	3.563	9.188
841	PILOT	99	11.717	16.354	16.545	7.980	19.606	15.242	13.394	7.919	7.434	7.404	13.929
848	AIR TRAFFIC CONTROLLER	13	11.692	15.154	16.154	7.308	19.615	12.462	11.769	7.077	7.385	6.385	8.692
851	MERCHANT MARINE OCC	10	11.700	15.900	15.900	7.200	18.400	15.200	13.400	8.000	7.400	7.100	13.300
852	RAILROAD OCCS	10	11.500	13.100	13.300	4.600	16.100	10.600	9.600	6.900	6.300	3.600	8.000
853	AUTO, BUS, TRUCK DRVR	85	11.400	12.153	11.624	4.235	14.612	6.341	7.894	6.188	5.941	4.165	8.882
861	PRINTING TRADES	106	11.642	13.406	13.019	5.830	15.802	9.066	8.887	6.274	6.160	4.726	9.981
863	SURVEYOR	27	11.481	14.556	14.037	5.630	16.481	12.037	11.111	6.963	6.556	4.815	10.889
864	DRAFTSMAN	140	11.557	13.550	13.500	6.214	16.357	11.457	10.093	6.800	6.300	5.279	10.950
865	PHOTOGRAPHY	39	11.564	14.692	14.359	7.333	16.769	11.179	11.385	6.974	6.487	5.846	12.410
867	LANDSCAPE ARCHIT	13	11.615	17.538	16.923	9.769	19.769	15.077	13.615	9.154	7.385	6.462	11.615
868	CLTHNG & FASH TRADES	14	11.643	13.000	13.571	6.071	16.500	10.071	10.000	6.786	6.357	4.500	9.143
881	FOOD & BEVERAGE PREP	28	11.143	11.786	11.286	5.857	14.071	7.250	7.643	5.464	5.429	3.893	8.393
885	BUTCHER, MEAT CUTTER	23	11.304	11.478	11.522	4.652	12.826	6.826	7.087	5.739	6.087	3.696	8.348
891	MISC PERSONAL SERVICES	12	10.583	12.250	13.750	6.667	15.250	8.667	9.083	6.000	5.917	4.500	8.167
892	BARBER	41	11.244	11.488	10.854	4.634	13.341	7.000	7.585	5.537	5.268	3.927	7.195
893	HAIRDRESSER	15	11.000	10.867	11.800	6.200	12.533	7.267	6.200	5.533	5.667	3.800	6.933
899	GENERAL LABORER	277	11.426	12.245	11.484	5.047	14.921	7.628	8.188	6.137	5.863	4.213	8.805
	TOTAL	14123	11.682	15.119	15.354	7.248	18.142	13.228	11.675	7.253	6.893	5.651	11.486

TABLE 1.3 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST I										
			SCREENING	VOCABULARY I	LITERATURE	MUSIC	SOCIAL STUDIES	MATHEMATICS	PHYSICAL SCIENCES	BIOL SCIENCES	SCIENT ATTIT	AERO & SPACE	ELECTRICITY, ELECTRONICS
			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110	R-111
559	MUSIC-RELATED (MISC)	15	1.056	4.004	3.871	2.475	3.288	5.612	4.138	1.496	2.145	2.154	3.399
575	THEATRE (OTHER)	23	0.619	2.769	3.353	1.898	3.022	5.281	3.616	1.852	1.305	2.296	5.020
578	RADIO/TV ANNOUNCER	17	1.007	3.622	5.142	3.222	3.563	5.334	4.048	1.691	1.600	2.710	5.190
579	MISC PERF ARTS	12	1.403	2.392	3.646	2.250	3.793	4.973	4.079	2.236	1.348	1.765	5.274
611	ATHLETE	10	0.632	2.644	2.767	2.625	3.929	5.272	3.887	2.461	1.252	2.547	5.820
612	PRO ATHLETICS (AUX)	15	0.0	3.058	3.918	2.560	4.014	5.829	3.821	2.070	1.163	2.444	2.356
621	RECREATION DIR	18	0.979	2.791	4.133	3.234	4.472	6.453	4.360	2.203	1.372	2.657	4.066
623	FRSTRY, HUNT, TRAP	19	1.595	3.045	4.522	3.367	5.114	5.688	3.933	1.779	2.116	2.097	4.259
631	FARM/RANCH OWNER	129	0.919	3.312	3.662	2.319	4.828	5.009	3.719	2.206	1.855	2.195	3.597
639	FARMING (OTHER)	244	1.048	3.216	4.016	2.399	4.876	4.936	3.805	2.288	1.869	2.299	3.486
640	MILITARY (RANK NOT IND)	54	1.882	3.764	5.015	2.964	5.300	6.741	4.367	2.377	2.079	2.326	4.853
641	MILITARY-ENLISTED	13	0.599	3.307	4.100	2.703	4.328	5.809	4.313	2.672	1.706	2.332	4.743
642	MILITARY-OFFICER	109	0.344	2.504	3.501	2.714	2.661	4.216	3.275	1.703	1.577	2.216	3.977
650	INTELLIGENCE-CIA, ETC.	21	1.207	3.434	4.571	2.854	3.814	4.442	3.092	2.269	1.750	2.089	3.600
661	POLICE (PUBLIC)	151	0.762	3.109	3.869	2.584	4.177	5.265	3.772	2.124	1.474	2.252	3.855
666	FIREMAN	41	0.977	3.360	4.015	2.581	3.655	5.286	3.620	1.987	1.856	2.159	3.861
669	OTHER PROTECTIVE	22	0.294	3.096	4.272	2.682	5.121	5.118	4.140	2.488	1.492	2.535	4.647
711A	BANKING & FINANCE, I	63	0.435	2.911	3.559	2.603	3.921	4.612	3.003	1.944	1.291	1.818	3.908
711B	BANKING & FINANCE, II	116	0.569	2.571	3.615	2.462	3.264	3.015	3.508	1.930	1.440	2.229	3.525
712	INVSTMNT, STOCK CONSULT	11	0.0	2.284	2.339	1.868	3.042	4.273	3.970	2.370	1.514	2.212	3.459
716	CPA	240	0.519	2.647	3.778	2.753	3.698	5.256	3.680	1.970	1.559	2.341	4.055
717	ACCTANT (EXC CPA)	202	0.689	3.345	4.186	2.819	4.047	5.472	4.042	2.150	1.728	2.443	4.355
721	PURCHASING AGENT	25	0.843	3.317	4.263	2.691	4.810	5.656	4.675	2.059	1.574	1.826	4.263
722	RETAIL BUYER	22	1.093	2.229	4.269	2.844	4.348	6.339	3.454	1.950	1.527	2.202	3.568
723	EFFICIENCY EXPERT	111	0.738	2.905	3.571	2.693	3.371	5.259	3.445	1.976	1.486	2.343	4.217
724	ADVERTISING	40	0.868	3.014	3.968	2.093	4.144	5.498	3.922	1.840	1.577	1.966	4.478
725	PUBLIC RELATIONS	31	0.374	1.804	3.161	2.427	2.833	4.485	2.541	1.774	1.326	2.499	3.015
726	PERSONNEL ADMIN	81	0.586	2.316	3.473	2.537	2.825	4.411	3.154	1.955	1.474	2.393	3.797
727	APPRAISING, ESTIMATING	35	0.401	3.011	3.845	2.709	3.568	4.672	3.118	2.002	1.402	2.318	3.565
728	LOAN/CREDIT INVESTIG	29	0.310	2.786	4.748	2.773	5.035	4.997	4.313	2.706	1.760	2.526	4.517
730	BUS MGMT ADM (NEC)	511	0.703	3.000	4.022	2.722	3.886	5.741	4.067	2.113	1.617	2.385	4.509
731	MFG MGMT	95	0.695	2.934	3.756	2.540	3.599	5.353	4.047	1.998	1.440	2.384	4.478
732	WHSL/RET TRADE MGMT/MKTG	195	0.631	3.185	4.039	2.725	3.924	5.671	4.022	2.031	1.634	2.485	4.454
738	SUPERVISOR IN BUS	87	0.585	2.940	3.903	2.598	4.184	5.564	3.667	2.122	1.515	2.316	4.169
741	SLSCLERK	23	0.422	2.551	4.003	2.411	3.951	4.599	3.060	1.912	1.329	2.233	4.660
742	RTEMAN (MILK, LAUNDRY, ETC)	12	1.337	2.871	2.937	2.594	4.366	1.084	1.567	1.435	1.775	1.528	3.841
743	STOCKBROKER	23	0.714	2.504	3.586	2.233	2.906	4.820	3.212	1.702	1.665	2.121	4.539
745	REAL ESTATE SLSMAN	26	0.852	3.347	4.574	2.539	3.487	5.985	4.249	2.148	1.630	2.331	4.404
746	INSURANCE SLSMAN	61	0.686	3.003	4.402	2.656	4.191	5.424	3.817	2.105	1.707	2.356	4.176
747	AUTO SLSMAN	22	0.716	2.266	4.034	1.889	3.019	5.830	3.468	2.105	1.299	1.761	4.888
748	OTHER SLSMAN (NEC)	350	0.736	3.270	3.998	2.814	4.630	5.491	4.109	2.047	1.654	2.412	4.437
749	SALES MGR	73	0.641	2.767	4.076	2.577	3.624	4.856	3.516	2.038	1.423	2.235	3.946
751	BOOKKEEPER	10	1.370	3.239	4.849	3.748	5.735	6.697	4.927	1.955	1.567	2.923	4.170
755	MISC ACCT RECDG	27	0.724	2.993	3.385	2.769	4.333	5.020	2.900	1.542	1.476	2.194	2.563
758	COMPUTER OPERATOR	79	0.878	2.906	4.078	3.013	4.271	5.948	3.691	2.271	1.828	2.253	4.580
769	CLERK (MISC)	24	1.268	4.319	3.551	2.489	4.070	4.380	3.283	2.281	2.165	1.865	4.298
772	OFFICE MGR	29	1.129	3.465	4.096	2.939	4.921	5.377	4.007	2.225	2.525	2.106	4.615
789	OTHER "PUB CONT" OCCS	14	0.938	3.608	3.561	2.392	3.549	5.338	4.572	2.335	1.326	2.867	5.413
791	RADIO, TELEGR, TTY OP	14	0.426	3.754	3.446	2.814	4.874	4.615	3.228	2.445	1.342	2.410	3.385
797	MISC CLERICAL	112	1.397	3.755	4.078	2.803	5.164	6.055	4.593	2.143	1.947	2.616	4.463
798	MISC ADMINISTRATIVE	39	0.745	2.850	4.207	2.710	4.431	6.112	4.107	2.147	1.520	2.223	4.033
810	ELECTRICIAN	168	1.027	3.359	4.037	2.502	4.460	4.853	3.897	2.153	1.687	2.389	4.409
811	ELECTRONIC TECHNICIAN	212	1.050	3.285	4.060	2.639	4.338	5.161	3.649	2.027	1.760	2.269	4.697
812	APPLIANCE REPAIR	55	0.873	3.317	5.003	2.869	5.147	5.933	4.323	1.894	2.013	2.352	5.067
813	PHONE INSTALL & REPAIR	30	1.163	3.377	4.285	2.830	4.666	5.203	3.975	1.809	1.314	2.114	4.330
814	REPAIR & SERV COMP	32	0.916	3.371	4.950	3.300	4.825	5.662	4.162	2.077	1.768	2.488	4.765
820	MECHANIC (NEC)	114	1.136	3.530	4.017	2.524	4.897	4.660	3.630	2.393	1.832	2.297	4.229
821	AUTO MECHANIC	74	0.964	4.161	4.301	2.696	4.779	5.339	4.024	2.371	2.045	2.715	4.599
822	AIRPLANE MECHANIC	63	1.009	3.396	3.777	2.391	4.166	4.809	3.964	2.080	1.732	2.523	4.267
823	OFFICE MACH REPAIR	17	1.480	3.041	3.353	2.749	4.259	5.344	4.096	1.869	1.057	2.267	4.014
824	IND MACH REPAIR	21	1.121	3.673	4.273	2.322	5.036	4.882	4.056	2.418	1.720	2.228	4.269
828	MACHINIST	176	1.106	3.376	4.274	2.649	4.726	5.364	4.072	2.349	1.787	2.273	4.090
831	CABINET MAKER	13	0.630	3.250	4.770	3.460	4.564	4.038	4.481	3.121	1.938	2.103	5.314
832	CARPENTER	55	1.011	3.320	3.984	2.211	4.226	4.825	3.664	2.217	1.562	2.193	3.442
833	METAL TRADES	22	1.064	3.322	3.974	2.552	4.688	4.827	3.384	2.203	2.018	2.151	3.864
834	BRKLYR, MASON, PTR, RFR	52	1.448	3.399	4.283	2.324	5.008	4.829	3.773	2.408	1.877	2.125	3.936
835	PLUMBER, PIPEFTR	72	1.237	3.445	3.934	2.553	4.443	4.551	3.592	2.062	1.732	2.146	3.849
836	HEAVY EQUIP OP	47	0.968	3.256	3.918	2.653	4.307	4.906	3.442	2.237	1.841	1.767	3.383
837	MISC BLDG & CONST	71	0.855	3.817	4.909	2.784	5.170	5.530	4.375	2.251	1.960	2.449	3.960
838	MINING, QURYNG, DRLNG	16	0.577	3.722	4.654	2.966	5.854	3.661	3.812	2.778	2.029	2.065	3.291
841	PILOT	39	0.770	3.042	3.908	2.543	3.344	5.657	3.347	1.931	1.401	1.884	3.709
848	AIR TRAFFIC CONTROLLER	13	0.630	2.853	2.375	2.562	1.938	6.186	2.948	1.754	1.387	2.815	3.093
851	MERCHANT MARINE OCC	10	0.675	2.644	3.929	2.700	4.526	5.633	2.675	2.000	1.647	1.595	3.368
852	RAILROAD OCCS	10	0.972	1.663	2.406	2.011	4.306	6.931	3.688	0.994	1.567	2.066	3.266
853	AUTO, BUS, TRUCK DRVR	85	1.146	3.372	3.888	2.051	4.746	4.087	3.270	2.096	1.808	1.993	3.787
861	PRINTING TRADES	106	0.886	2.654	3.596	2.501	4.477	4.793	3.495	2.262	1.663	2.021	3.805
863	SURVEYOR	27	1.397	2.736	3.995	2.604	5.139	5.280	3.523	1.951	1.368	2.185	3.856
864	DRAFTSMAN	140	0.923	2.819	4.042	2.564	4.239	4.843	3.810	1.953	1.643	2.095	4.070
865	PHOTOGRAPHY	39	0.995	3.548	4.853	3.020	4.608	5.515	3.816	1.980	1.571	2.401	4.506
867	LANDSCAPE ARCHIT	13	1.121	2.696	3.499	1.691	2.587	5.951	4.194	1.345	1.261	2.106	4.445
868	CLTHNG & FASH TRADES	14	1.082	2.717	5.734	3.125	4.238	6.095	4.057	2.723	1.336	1.990	3.110
881	FOOD & BEVERAGE PREP	28	1.433	3.852	4.362	3.628	5.395	4.735	3.613	2.659	2.284	2.439	3.833
885	BUTCHER, MEAT CUTTER	23	1.428	3.654	4.122	2.639	5.211	3.822	3.246	2.359	1.411	2.162	3.749
891	MISC PERSONAL SERVICES	12	2.234	5.463	5.276	3.284	6.917	4.755	4.295	2.697	2.392	2.541	4.108
892	BARBER	41	1.356	3.599	3.547	2.211	4.374	3.701	3.033	1.976	1.613	1.967	3.655
893	HAIRDRESSER	15	1.558	3.925	4.057	2.757	4.853	4.166	2.908	2.326	1.952	1.971	3.900
899	GENERAL LABORER	277	1.073	3.362	3.950	2.473	4.822	4.189	3.767	2.251	1.887	2.140	3.839
	TOTAL	14123	0.870	3.503	4.597	2.986	4.581	6.216	4.273	2.196	1.785	2.459	4.568

TABLE 1.3 (continued)

#	GROUP	N	MEANS										
			INFORMATION TEST I (CONTD.)				INFORMATION TEST II						
			MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE	JOURNALISM	FOREIGN TRAVEL
			R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135	R-136	R-137
000	NO ANSWER	1312	13.519	9.537	9.330	8.090	6.863	5.673	6.272	3.658	3.038	2.099	3.134
001	DON'T KNOW	973	13.497	9.514	8.873	8.780	6.594	5.629	6.185	3.585	2.917	2.051	3.032
101	EXECUTIVE (NEC)	43	14.372	9.279	9.116	10.209	5.977	6.465	6.535	3.674	3.395	2.488	3.628
102	FOREMAN (NEC)	49	14.265	9.378	9.571	8.551	7.020	5.429	6.082	3.469	2.755	1.837	3.194
111	WORK FOR GOVT (NEC)	42	13.166	9.539	8.881	8.909	7.231	5.809	6.462	3.462	2.981	2.135	3.423
112	IN BUS FOR SELF (NEC)	270	14.209	9.317	9.342	8.748	6.874	5.655	6.032	3.576	2.968	2.011	3.065
120	IND, BUS, COMM (NEC)	151	12.922	9.155	8.723	9.270	6.951	5.430	6.093	3.560	2.929	2.092	3.014
121	RETAIL (NEC)	33	13.782	9.667	9.303	9.394	6.919	5.070	6.455	3.879	2.939	2.182	2.970
122	TRANSPORTATION (NEC)	27	13.519	9.074	9.074	9.778	6.952	5.259	6.259	3.407	2.963	2.111	3.407
123	REAL ESTATE (NEC)	17	13.412	8.412	9.412	9.765	6.529	5.941	6.235	4.000	3.294	2.294	3.294
124	INSURANCE (NEC)	35	13.143	8.200	9.714	9.914	6.857	5.914	6.514	3.743	3.286	2.400	3.314
125	ELECTRONICS (NEC)	156	14.513	9.519	9.615	8.590	6.929	5.654	6.346	3.814	2.955	2.115	3.083
150	RESEARCH (NEC)	9	15.444	9.667	11.000	10.444	8.000	6.333	6.667	4.222	4.111	2.333	3.667
211	MATH, STAT	46	14.013	9.733	9.848	10.000	8.261	7.152	7.543	4.087	3.674	2.543	4.022
212	OTHER STATISTICS	14	14.286	9.071	10.643	10.643	8.714	7.143	7.571	3.857	3.500	2.643	3.643
221	SYSTEMS ANALYST	42	16.286	9.714	10.238	10.190	8.000	6.429	7.286	3.952	3.405	2.476	3.762
222	COMPUTER PROGRAMMER	131	[illegible]	[illegible]	10.076	9.595	7.661	6.306	6.851	3.893	3.165	2.496	3.471
229	COMPUTER SPEC (NEC)	20	15.400	9.300	10.400	10.400	7.900	7.150	6.900	3.950	3.500	2.700	3.750
230	PHYSICAL SCI (NEC)	18	14.500	9.611	11.222	9.778	7.833	6.944	6.944	3.944	3.667	2.333	3.833
231	CHEMIST	81	15.253	9.149	11.086	10.259	8.198	6.889	7.543	4.099	3.531	2.506	3.815
232	PHYSICIST	64	16.156	9.109	10.359	9.781	7.953	6.813	7.297	4.516	4.000	2.516	3.891
234	GEOLOGIST	17	15.176	9.235	10.235	10.824	7.824	6.647	6.941	4.353	3.882	2.529	3.824
235	METEOROLOGIST	10	14.000	8.500	10.300	9.800	7.300	6.600	7.600	3.600	3.400	2.500	4.100
240	ENGINEER (NEC)	157	15.467	9.204	10.275	10.509	7.952	6.779	7.223	4.176	3.689	2.599	3.796
241	CIVIL ENGINEER	106	14.434	9.114	9.396	10.314	7.657	6.363	6.576	4.029	3.333	2.390	3.581
242	ELECTRICAL ENGINEER	243	15.601	9.119	10.650	9.372	7.984	6.792	7.247	4.247	3.663	2.543	3.708
243	MECH ENGINEER	142	16.021	9.370	10.573	10.217	8.063	6.524	7.105	4.217	3.392	2.476	3.748
244	AERONAUTICAL ENG	37	15.216	8.865	9.911	9.459	7.865	6.784	7.108	4.405	3.405	2.432	3.649
245	CHEM ENGINEER	58	15.483	9.224	10.638	11.052	8.345	6.948	7.603	4.172	3.862	2.741	3.966
250	ARCHITECT	58	15.310	9.345	10.569	10.379	8.793	6.207	6.897	4.138	4.276	2.586	3.603
299	PHYS SCI, LAB TECH	78	14.385	9.223	9.539	9.385	7.039	5.808	6.321	3.833	2.987	2.128	3.077
310	BIOLOGIST, ZOOLOGIST	32	15.063	9.844	10.844	10.094	8.844	6.813	7.594	4.188	4.344	2.688	4.094
313	SPEC IN AGRIC SCI	35	14.657	10.257	10.171	10.314	6.657	6.286	6.971	4.343	3.314	2.229	3.229
314	WLDLF/FOREST SPEC	49	14.959	9.449	10.184	9.592	7.122	6.143	6.837	4.000	3.306	2.204	3.653
316	MICROBIOLOGIST	15	15.200	9.133	10.533	10.133	7.867	6.667	6.600	4.333	3.333	2.600	3.533
317	BIOCHEMIST	9	15.778	9.000	12.444	11.444	7.889	6.556	7.444	4.222	3.444	2.444	4.000
322	MD-SURGEON	14	14.500	9.714	9.929	11.286	9.071	6.929	7.929	3.929	4.000	2.500	4.000
329	MD-OTHER	220	14.467	9.301	10.611	11.166	8.755	7.122	7.707	4.092	3.739	2.721	4.105
332	DENTIST	97	14.505	9.835	10.526	10.660	8.021	6.454	7.165	4.144	3.598	2.577	3.732
333	VETERINARIAN	20	15.200	10.050	10.400	10.500	6.900	6.300	7.050	4.300	3.650	2.350	3.450
343	PHYS THERAPIST	11	12.818	7.636	9.000	9.909	7.364	5.818	6.273	3.455	3.000	1.727	2.818
347	MED/DENT TECHNOL	16	13.875	8.688	8.500	9.188	6.938	6.313	6.813	3.813	3.063	2.313	3.688
348	MED/DENT TECHNICIAN	27	14.296	9.296	10.148	9.407	7.481	5.481	6.296	3.926	2.704	2.111	3.222
350	HOSPITAL ADMIN	11	14.273	8.909	10.364	10.818	7.273	6.182	6.909	3.727	3.636	2.636	3.364
335	PHARMACIST	91	14.538	8.736	10.099	10.549	7.714	6.363	7.099	3.912	2.978	2.494	3.626
360	PSYCHOLOGIST	106	14.575	9.698	10.368	10.226	8.764	6.981	7.255	3.953	3.764	2.736	3.940
370	SOCIAL WORKER	60	12.767	9.433	9.567	9.617	7.883	6.050	6.717	3.600	3.133	2.533	3.683
371	PSYCHIATRIC SOC WRKR	9	13.778	9.444	10.444	10.778	7.667	6.889	6.667	3.444	3.778	2.556	3.444
372	COUNSELING/GUIDANCE	12	13.500	9.167	9.083	8.667	6.417	5.500	6.333	3.250	2.750	1.750	2.917
373	VOC/ED GUIDANCE	23	13.217	9.087	10.391	9.913	7.565	6.391	5.783	3.870	2.913	2.391	3.391
382	ECONOMIST	23	14.609	9.739	9.783	9.870	8.217	6.913	7.696	3.826	3.696	2.652	3.783
389	SOCIAL SCI (MISC)	21	13.381	7.905	10.048	10.857	7.810	5.810	6.952	3.857	3.524	2.667	3.619
392	DIPLOMAT	22	13.682	8.227	10.136	10.636	8.909	6.682	6.773	3.955	4.091	2.591	4.045
393	LAWYER	301	13.819	8.635	9.852	10.931	8.310	7.160	7.221	3.913	3.728	2.702	3.941
394	MARKET ANALYST	10	14.300	8.300	10.600	10.200	8.200	7.100	8.300	4.000	3.800	2.500	3.900
398	CITY PLANNER (NEC)	12	14.667	9.750	11.667	11.333	9.167	7.417	7.583	4.417	4.167	2.833	4.333
400	TEACHER (NEC)	423	13.151	8.700	9.622	10.345	7.265	6.234	6.733	3.813	3.220	2.371	3.376
412	TEACHER-ELEM	45	13.089	8.111	10.422	10.044	7.622	6.044	6.667	3.778	3.222	2.178	3.156
420	TEACHER-HS (NEC)	69	13.725	9.159	10.000	10.043	7.464	6.101	6.493	3.797	3.246	2.391	3.246
421	TEACHER-HS MATH	62	13.565	9.129	9.726	10.290	7.290	5.968	6.887	4.065	3.210	2.290	3.306
422	TEACHER-HS SCI	50	14.720	9.740	11.000	10.260	7.980	6.740	6.940	4.300	3.340	2.560	3.280
423	TEACHER-HS SOC ST	94	13.074	8.787	9.564	10.213	9.138	6.585	6.755	3.766	3.500	2.457	3.777
424	TEACHER-ENGLISH	45	13.222	8.378	11.111	9.711	8.244	6.556	6.800	3.844	3.911	2.600	3.733
425	TEACHER-FOREIGN LANG	10	14.000	8.300	9.600	8.000	6.600	5.200	6.500	3.500	3.900	2.000	4.100
426	TEACHER-COMM ED	16	12.938	9.250	8.688	8.688	7.688	6.313	6.125	4.313	2.688	2.063	3.250
428	TEACHER-TRADES	45	15.133	9.600	10.156	8.689	6.533	5.622	6.511	3.911	3.089	1.867	2.956
429	TEACHER-PHYS ED	57	12.912	9.246	9.421	10.789	6.930	5.667	6.421	3.825	3.000	2.228	3.281
431	TEACHER-ART	15	13.867	8.800	10.533	9.600	9.133	5.733	6.867	3.667	4.000	2.600	3.467
432	TEACHER-MUSIC	38	14.105	9.895	10.658	9.342	8.132	6.316	7.000	3.763	3.132	2.263	3.947
440	TEACHER-HANDICAPPED	18	13.444	9.333	11.500	10.667	7.667	6.333	6.778	3.500	3.389	2.556	3.444
450	SCHOOL ADMIN (EXC COLL)	43	12.814	8.698	9.791	10.814	7.465	6.419	6.558	3.628	3.395	2.512	3.372
460	COLL/UNIV TCHR (NEC)	179	14.653	9.212	10.866	10.123	8.631	7.039	7.358	4.050	3.939	2.631	4.017
461	COLL/UNIV TCHR-MATH	28	13.893	9.071	9.964	11.250	8.929	7.571	7.679	4.250	3.893	2.643	3.929
462	COLL/UNIV TCHR-SCI	68	15.235	9.456	10.971	10.794	9.471	7.206	7.794	4.191	4.044	2.647	4.088
463	COLL/UNIV TCHR-SOC SCI	85	14.565	9.376	10.694	10.518	8.729	7.094	7.400	4.118	3.953	2.776	4.294
464	COLL/UNIV TCHR-ENGLISH	57	13.895	8.789	10.825	10.281	9.544	7.263	7.298	4.088	4.175	2.825	4.228
465	COLL/UNIV TCHR-FOR LANG	15	13.667	9.533	10.467	9.067	8.667	6.867	7.533	4.000	4.467	2.733	4.533
521	CLERGYMAN	176	13.449	9.017	10.261	9.563	7.778	5.545	6.841	3.392	3.500	2.591	3.744
522	MONK, BROTHER, NUN	16	12.938	8.063	11.125	9.750	8.250	6.125	6.500	3.750	3.813	2.500	3.625
523	RELIG WRKR (OTHER)	14	13.857	9.571	10.500	9.929	8.000	6.429	6.214	4.500	3.357	2.429	3.857
531	WRITER (NEC)	24	13.458	8.125	8.917	9.917	8.583	6.583	7.208	4.083	3.625	2.542	3.583
534	JRNLIST/REPRTER	43	13.372	8.651	9.721	10.233	8.512	6.744	7.186	4.023	3.744	2.674	3.767
539	TRNSLTR, INTRPRTR, LINGST	9	14.111	7.889	11.556	9.778	9.111	6.444	7.444	3.778	3.778	2.333	4.000
541	FINE ARTS	16	12.438	8.438	8.625	9.500	9.125	6.375	6.563	4.063	3.563	2.375	3.813
545	COMM ARTIST	48	13.229	9.521	9.292	7.667	8.708	5.271	6.500	3.604	3.313	2.146	3.479
547	DESIGNER (CONS GDS)	28	15.321	8.786	10.000	9.286	7.750	6.107	6.607	4.036	3.571	2.214	3.536
551	MUSICIAN	24	14.167	8.125	9.542	9.375	8.042	6.208	6.542	3.500	3.458	2.125	3.333

TABLE 1.3 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST I (CONTD.)					INFORMATION TEST II					
			MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE	JOURNALISM	FOREIGN TRAVEL
			R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135	R-136	R-137
000	NO ANSWER	1912	3.291	1.931	3.025	2.674	2.494	1.733	1.814	1.115	1.406	0.903	1.298
001	DON'T KNOW	903	2.604	1.856	2.696	2.328	2.352	1.779	1.820	1.122	1.438	0.911	1.147
101	EXECUTIVE (NEC)	63	3.240	2.272	2.357	2.236	2.177	1.695	1.470	1.040	1.275	0.703	1.176
102	FOREMAN (NEC)	62	3.453	2.011	2.383	2.408	2.332	1.581	2.120	1.192	1.146	1.048	1.369
111	WORK FOR GOVT (NEC)	52	2.892	2.269	2.292	2.473	2.390	1.900	1.709	1.475	1.540	0.929	1.419
112	IN BUS FOR SELF (NEC)	278	2.609	1.686	2.674	2.340	2.331	1.775	1.791	1.066	1.292	0.929	1.224
120	IND, BUS, COMM (NEC)	141	2.569	3.036	2.656	2.067	2.490	1.486	1.819	1.031	1.345	0.933	1.298
121	RETAIL (NEC)	33	2.959	2.193	2.696	2.285	2.325	1.467	1.325	1.053	1.116	0.809	1.212
122	TRANSPORTATION (NEC)	27	3.199	2.282	2.892	2.769	1.916	1.509	1.631	0.844	1.629	0.934	1.047
123	REAL ESTATE (NEC)	17	3.059	2.182	2.812	2.431	2.975	1.676	1.786	1.118	1.105	0.772	1.404
124	INSURANCE (NEC)	35	2.991	2.655	2.401	2.295	1.912	1.706	1.541	1.120	1.126	0.867	1.193
125	ELECTRONICS (NEC)	154	2.658	1.847	2.636	2.218	2.299	1.609	1.690	0.956	1.365	0.865	1.234
150	RESEARCH (NEC)	9	3.131	1.974	2.978	2.812	2.236	1.414	1.000	1.202	0.601	1.000	1.323
211	MATH, STAT	65	2.358	1.643	2.944	2.143	1.993	1.154	1.089	0.915	1.367	0.690	1.105
212	OTHER STATISTICS	14	2.679	1.688	2.868	1.725	1.694	1.351	1.342	0.663	1.286	0.633	1.216
221	SYSTEMS ANALYST	42	2.932	1.907	3.153	2.552	1.925	1.516	1.235	0.962	1.432	0.634	1.009
222	COMPUTER PROGRAMMER	121	3.762	1.842	3.134	2.745	2.249	1.477	1.476	0.493	1.319	0.697	1.291
229	COMPUTER SPEC (NEC)	29	2.826	1.942	2.886	2.460	2.292	1.089	1.196	0.686	1.357	0.470	0.910
230	PHYSICAL SCI (NEC)	19	3.049	1.885	3.133	2.292	2.618	2.313	2.398	1.110	2.000	0.747	1.150
231	CHEMIST	41	2.932	1.924	2.936	2.340	2.147	1.493	1.194	0.957	1.398	0.760	1.097
232	PHYSICIST	64	2.900	1.750	2.543	2.694	2.243	1.531	1.444	0.891	1.141	0.690	1.095
234	GEOLOGIST	17	1.869	1.830	2.661	2.340	2.379	1.499	1.391	1.115	1.219	0.514	1.185
235	METEOROLOGIST	10	0.866	1.826	3.090	3.147	1.899	1.430	1.075	1.713	1.578	0.527	0.994
240	ENGINEER (NEC)	142	2.839	1.748	3.043	2.320	2.070	1.499	1.307	0.864	1.326	0.571	1.003
241	CIVIL ENGINEER	105	3.217	2.299	3.370	2.898	2.286	1.466	1.355	0.814	1.356	0.672	1.045
242	ELECTRICAL ENGINEER	243	2.649	2.042	2.531	2.209	2.151	1.425	1.274	0.930	1.312	0.411	1.057
243	MECH ENGINEER	152	2.729	1.644	2.319	2.087	2.170	1.452	1.320	0.913	1.295	0.700	1.116
244	AERONAUTICAL ENG	37	2.933	2.010	2.766	2.481	2.263	1.456	1.296	0.832	1.423	0.603	1.136
245	CHEM ENGINEER	54	2.724	2.042	2.672	2.207	1.753	1.343	0.935	0.901	1.206	0.548	0.991
250	ARCHITECT	53	4.088	2.470	2.998	3.446	2.024	1.510	1.360	1.034	1.039	0.650	1.042
299	PHYS SCI, LAB TECH	78	2.828	2.368	2.159	2.847	1.977	1.460	1.471	0.986	1.314	0.917	1.182
310	BIOLOGIST, ZOOLOGIST	42	2.955	2.159	2.385	2.330	2.002	1.512	1.521	0.780	1.260	0.525	1.084
313	SPEC IN AGRIC SCI	35	2.949	2.528	2.371	2.328	2.274	1.601	1.249	0.873	1.323	0.408	1.087
314	WLDLF/FOREST SPEC	40	3.426	2.272	3.394	2.859	2.037	1.414	1.313	1.041	1.176	0.735	1.147
316	MICROBIOLOGIST	16	2.607	3.032	3.338	2.665	1.599	0.976	1.502	0.816	1.496	0.737	0.915
317	BIOCHEMIST	9	2.998	1.542	4.071	2.253	2.934	2.455	1.590	1.394	1.424	0.882	1.323
322	MD-SURGEON	14	3.580	2.635	3.068	2.753	1.850	1.329	1.328	0.730	1.038	0.650	0.961
329	MD-OTHER	220	2.665	1.965	2.327	2.565	1.917	1.352	1.238	0.901	1.402	0.479	0.963
332	DENTIST	37	2.993	2.176	2.769	2.620	1.994	1.500	1.367	0.866	1.264	0.610	1.085
333	VETERINARIAN	20	2.637	1.959	2.879	2.707	1.889	1.625	1.050	0.831	1.226	0.913	0.999
343	PHYS THERAPIST	11	3.607	2.469	2.662	2.665	2.248	1.722	1.954	1.508	1.897	1.000	1.770
347	MED/DENT TECHNOL	15	2.973	1.899	2.972	2.826	2.489	1.740	1.329	0.750	1.769	0.793	1.014
348	MED/DENT TECHNICIAN	27	2.831	2.121	3.083	2.590	2.310	1.718	1.489	0.781	1.325	0.892	1.340
350	HOSPITAL ADMIN	11	3.290	2.107	2.951	2.446	2.533	2.193	1.578	1.009	1.206	0.505	1.629
335	PHARMACIST	31	3.858	2.375	2.922	2.686	2.056	1.418	1.513	0.890	1.256	0.705	1.122
360	PSYCHOLOGIST	106	2.701	1.843	2.477	2.184	1.969	1.512	1.324	0.898	1.254	0.503	1.036
370	SOCIAL WORKER	40	2.918	1.886	2.744	2.455	2.293	1.731	1.342	1.061	1.490	0.676	1.172
371	PSYCHIATRIC SOC WRKR	9	3.071	1.717	2.726	2.556	1.119	1.249	1.659	0.882	1.394	0.726	0.882
372	COUNSELING/GUIDANCE	12	2.570	2.045	2.670	2.543	2.779	1.834	1.775	1.288	1.357	0.622	1.084
373	VOC/ED GUIDANCE	23	1.959	3.113	2.362	2.677	3.231	1.599	1.506	0.757	1.564	0.656	1.438
382	ECONOMIST	23	2.558	1.421	3.176	2.719	2.066	1.730	0.974	1.230	1.222	0.573	1.043
389	SOCIAL SCI (MISC)	21	3.294	2.469	4.318	1.905	2.049	1.834	1.532	0.910	1.692	0.658	0.973
392	DIPLOMAT	22	3.400	1.602	3.371	2.013	2.159	1.095	1.688	0.785	1.306	0.503	1.090
393	LAWYER	303	2.997	1.779	2.735	2.153	2.080	1.337	1.430	1.069	1.387	0.530	1.044
394	MARKET ANALYST	10	2.111	1.418	2.171	2.530	2.201	1.494	1.247	0.943	1.135	0.527	0.738
398	CITY PLANNER (NEC)	12	2.871	1.215	3.339	1.826	2.082	1.443	1.164	1.084	1.115	0.389	0.779
400	TEACHER (NEC)	423	3.056	2.069	2.905	2.288	2.131	1.609	1.507	1.033	1.321	0.758	1.225
412	TEACHER-ELEM	45	2.999	1.933	3.137	2.440	1.912	1.609	1.595	1.166	1.396	0.684	1.205
420	TEACHER-HS (NEC)	63	3.004	1.828	3.106	2.867	2.311	1.506	1.549	1.170	1.322	0.752	1.193
421	TEACHER-HS MATH	42	2.995	2.084	2.777	2.257	2.539	1.907	1.427	0.866	1.243	0.755	1.236
422	TEACHER-HS SCI	50	2.475	1.998	2.733	1.816	1.953	1.409	1.490	0.863	1.303	0.733	1.213
423	TEACHER-HS SOC ST	96	3.153	1.831	3.130	2.373	2.260	1.477	1.284	0.909	1.318	0.713	1.109
424	TEACHER-ENGLISH	45	3.690	2.219	3.961	2.427	2.647	1.589	1.575	0.976	1.276	0.619	1.031
425	TEACHER-FOREIGN LANG	10	2.261	2.584	3.062	2.211	2.271	2.044	2.173	1.354	1.197	0.816	0.876
426	TEACHER-COMM ED	16	3.435	1.949	2.496	2.330	1.815	1.401	1.455	0.704	1.302	0.772	0.856
428	TEACHER-TRADES	45	2.555	1.750	2.688	2.391	2.074	1.600	1.604	0.900	1.379	0.944	1.313
429	TEACHER-PHYS ED	57	3.031	1.911	3.076	1.790	2.034	1.419	1.227	1.020	1.165	0.732	1.192
431	TEACHER-ART	15	3.114	2.396	3.720	2.640	2.264	1.870	1.506	1.113	1.813	0.632	1.552
432	TEACHER-MUSIC	30	2.469	1.997	3.078	2.293	2.208	1.579	1.489	0.971	1.474	0.860	1.038
440	TEACHER-HANDICAPPED	19	2.595	1.609	2.875	1.879	2.326	1.645	1.166	0.924	1.243	0.856	0.856
450	SCHOOL ADMIN (EXC COLL)	43	2.471	1.092	2.578	1.918	1.824	1.277	1.402	1.328	1.383	0.551	0.920
460	COLL/UNIV TCHR (NEC)	179	2.580	1.645	3.015	2.591	2.205	1.355	1.197	1.024	1.277	0.559	0.974
461	COLL/UNIV TCHR-MATH	24	2.885	2.142	2.502	1.858	1.631	1.372	1.020	1.206	1.499	0.488	1.152
462	COLL/UNIV TCHR-SCI	53	2.173	1.579	2.870	2.203	1.849	1.451	1.191	0.815	1.321	0.593	1.061
463	COLL/UNIV TCHR-SOC SCI	35	2.675	1.596	2.531	2.245	2.049	1.485	1.093	0.905	1.318	0.472	0.870
464	COLL/UNIV TCHR-ENGLISH	57	3.016	1.740	3.007	2.548	2.048	1.470	1.295	1.106	1.182	0.469	1.000
465	COLL/UNIV TCHR-FOR LANG	15	3.374	1.407	2.475	2.915	1.799	1.506	1.187	0.655	0.990	0.458	0.743
521	CLERGYMAN	174	3.036	1.752	3.076	2.552	2.273	1.642	1.449	1.017	1.402	0.607	1.140
522	MONK, BROTHER, NUN	16	2.768	3.065	3.722	2.745	2.408	1.258	2.000	1.125	1.276	0.632	1.025
523	RELIG WRKR (OTHER)	14	2.249	1.399	3.252	2.615	2.184	1.399	1.188	0.855	1.499	0.756	1.167
531	WRITER (NEC)	26	4.064	2.419	3.501	2.586	2.104	1.472	1.474	1.176	1.498	0.588	1.213
534	JRNLIST/REPRTER	43	3.040	2.159	2.840	2.689	2.303	1.605	1.749	1.012	1.347	0.522	1.306
539	TRNSLTR, INTRPRTR, LINGST	9	4.457	2.619	3.127	4.116	2.147	1.667	1.236	1.302	1.202	0.500	1.000
541	FINE ARTS	16	4.147	2.658	3.793	2.582	1.928	1.596	1.711	1.237	1.209	0.865	1.328
545	COMM ARTIST	42	3.026	2.093	2.617	2.571	2.240	1.842	1.557	0.939	1.339	0.825	1.135
547	DESIGNER (CONS GDS)	29	2.957	2.234	3.277	2.242	2.533	1.707	1.548	1.036	1.345	0.797	0.838
551	MUSICIAN	24	2.408	2.071	2.828	2.428	2.460	1.793	1.817	1.103	1.444	0.947	1.274

TABLE 1.3 (continued)

#	GROUP	N	MEANS										
			INFORMATION TEST I (CONTD.)				INFORMATION TEST II						
			MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE	JOURNALISM	FOREIGN TRAVEL
			R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135	R-136	R-137
559	MUSIC-RELATED (MISC)	15	12.067	8.200	9.333	9.067	7.467	5.867	6.533	3.733	3.667	2.333	3.400
575	THEATRE (OTHER)	23	14.826	8.652	10.783	10.087	8.565	6.391	6.739	4.435	3.565	2.652	3.783
578	RADIO/TV ANNOUNCER	17	14.353	8.471	10.471	8.588	7.412	5.882	7.294	3.882	3.176	2.647	3.824
579	MISC PERF ARTS	12	14.667	8.583	10.750	9.333	8.500	6.083	6.917	3.750	2.750	2.083	3.750
611	ATHLETE	10	14.100	8.700	8.000	10.700	7.500	5.600	7.000	3.500	2.900	2.300	3.200
612	PRO ATHLETICS (AUX)	15	12.267	8.267	8.800	11.267	6.400	5.600	6.533	3.867	2.533	2.400	3.400
621	RECREATION DIR	18	13.056	8.389	8.278	9.333	5.833	5.278	5.778	3.444	2.778	2.000	2.722
623	FRSTRY, HUNT, TRAP	19	14.263	9.053	8.947	8.684	6.053	5.158	6.000	3.842	2.579	1.684	2.579
631	FARM/RANCH OWNER	128	13.875	10.250	8.430	7.930	5.109	5.086	5.875	3.531	2.656	1.680	2.289
639	FARMING (OTHER)	246	13.541	10.045	8.829	7.770	4.992	4.885	5.701	3.463	2.381	1.639	2.377
640	MILITARY (RANK NOT IND)	54	12.667	8.463	9.074	8.926	7.056	6.167	5.944	3.759	3.148	2.167	3.167
641	MILITARY-ENLISTED	13	12.615	8.462	9.923	9.538	6.538	5.308	6.615	3.462	2.538	1.923	2.692
642	MILITARY-OFFICER	108	14.954	9.241	10.787	10.250	7.731	6.759	7.065	4.074	3.565	2.583	3.898
650	INTELLIGENCE-CIA, ETC.	21	13.857	9.143	10.619	9.952	7.714	6.190	6.714	4.048	3.619	2.476	3.667
661	POLICE (PUBLIC)	151	13.709	8.358	9.397	8.642	6.881	5.775	5.424	3.523	2.788	2.113	3.245
666	FIREMAN	41	14.000	7.878	8.537	8.951	6.220	5.512	5.878	3.634	2.805	2.171	2.732
669	OTHER PROTECTIVE	22	12.727	8.045	8.818	8.909	6.364	5.864	6.455	3.545	2.864	2.227	3.091
711A	BANKING & FINANCE, I	63	13.270	8.587	9.857	9.302	6.762	5.571	6.349	3.730	2.540	2.302	2.952
711B	BANKING & FINANCE, II	115	14.017	8.997	9.655	10.595	7.457	6.224	7.009	4.078	3.491	2.474	3.690
712	INVSTMNT, STOCK CONSULT	11	14.000	7.727	8.636	10.545	7.273	5.636	6.545	4.091	3.545	2.545	3.273
716	CPA	280	13.450	8.161	9.382	10.318	7.218	6.129	6.700	3.746	3.057	2.400	3.37[illegible]
717	ACCTANT (EXC CPA)	202	12.916	8.302	8.896	9.312	6.663	5.722	6.371	3.530	2.896	2.218	3.030
721	PURCHASING AGENT	25	13.240	8.480	8.920	9.920	7.160	5.720	5.040	3.400	3.000	2.320	3.200
722	RETAIL BUYER	22	12.909	8.000	10.364	9.864	7.864	5.955	7.045	3.773	3.273	2.455	3.136
723	EFFICIENCY EXPERT	111	14.658	9.739	9.613	10.577	7.306	6.414	6.703	3.928	3.441	2.360	3.477
724	ADVERTISING	40	12.875	9.475	9.275	9.125	8.775	5.750	6.975	3.425	3.375	2.375	3.775
725	PUBLIC RELATIONS	31	14.194	9.032	9.742	10.484	7.677	6.387	6.903	3.339	3.387	2.613	3.419
726	PERSONNEL ADMIN	81	13.778	8.778	9.494	10.889	7.642	6.198	6.667	3.914	3.506	2.444	3.580
727	APPRAISING, ESTIMATING	36	14.472	8.778	9.944	10.056	6.833	6.028	6.639	3.472	3.083	2.500	3.361
728	LOAN/CREDIT INVESTIG	29	13.310	8.414	9.966	9.586	7.103	5.966	6.759	4.034	3.586	2.483	3.690
730	BUS MGMT ADM (NEC)	511	14.305	8.653	9.971	9.969	7.485	6.217	6.783	3.877	3.337	2.354	3.431
731	MFG MGMT	95	14.642	9.905	10.611	10.042	7.821	6.474	6.853	4.168	3.474	2.411	3.537
732	WHSL/RET TRADE MGMT/MKTG	195	13.692	8.733	9.313	9.990	6.939	5.867	6.421	3.687	3.159	2.297	3.421
733	SUPERVISOR IN BUS	87	14.139	8.667	9.241	9.023	6.713	5.333	6.172	3.506	2.759	1.908	2.931
741	SLSCLERK	23	14.304	8.435	8.522	8.739	5.739	5.304	6.000	3.435	2.391	2.043	2.913
742	RTEMAN (MILK, LAUNDRY, ETC)	12	13.250	8.667	7.500	7.417	4.583	4.417	5.167	3.417	1.667	1.500	1.583
743	STOCKBROKER	23	14.174	8.652	9.522	10.261	9.217	6.522	6.348	4.087	3.696	2.522	3.870
745	REAL ESTATE SLSMAN	26	14.115	8.385	10.654	10.000	7.000	5.692	6.692	3.615	3.346	2.192	3.231
746	INSURANCE SLSMAN	61	14.541	8.639	9.623	9.705	7.295	6.131	6.754	3.738	2.951	2.328	3.361
747	AUTO SLSMAN	22	14.273	8.318	9.045	9.500	6.545	6.318	6.273	3.773	2.864	2.318	2.864
748	OTHER SLSMAN (NEC)	350	13.929	8.509	9.194	9.626	6.811	5.866	6.377	3.666	2.960	2.251	3.214
749	SALES MGR	73	13.904	8.671	9.836	9.822	7.096	6.151	6.534	3.808	3.014	2.288	3.055
751	BOOKKEEPER	10	13.400	8.500	8.900	7.900	6.500	5.600	6.400	3.600	2.300	2.400	3.100
755	MISC ACCT RECDG	27	12.667	7.926	8.741	8.519	6.704	5.370	6.037	3.370	2.519	1.926	2.407
758	COMPUTER OPERATOR	78	13.154	8.372	9.231	9.231	6.821	6.038	6.308	3.628	2.833	2.103	3.154
769	CLERK (MISC)	24	10.792	7.292	7.333	8.125	5.125	5.042	5.667	3.167	2.542	1.875	2.250
772	OFFICE MGR	28	12.429	8.143	9.500	9.214	7.321	5.607	6.643	3.714	3.143	2.107	3.286
789	OTHER "PUB CONT" OCCS	14	14.214	7.500	10.714	8.786	6.000	6.071	6.357	3.286	2.929	2.286	3.429
791	RADIO, TELEGR, TTY OP	14	13.286	8.857	10.571	9.000	6.643	5.357	5.857	4.000	2.643	2.071	2.714
797	MISC CLERICAL	112	12.795	7.821	8.813	8.259	5.920	6.179	5.982	3.375	2.688	1.955	2.839
798	MISC ADMINISTRATIVE	38	13.237	9.368	8.868	9.500	6.947	6.079	6.579	3.763	3.263	2.316	3.342
810	ELECTRICIAN	168	14.000	9.113	9.030	7.857	6.095	5.298	5.946	3.524	2.619	1.887	2.839
811	ELECTRONIC TECHNICIAN	212	14.877	9.736	9.811	8.604	7.005	5.987	6.330	3.854	3.142	2.217	3.245
812	APPLIANCE REPAIR	55	12.909	7.600	8.636	7.564	5.418	5.073	5.273	3.455	2.509	1.636	2.509
813	PHONE INSTALL & REPAIR	39	14.282	8.769	9.462	8.744	6.462	5.128	6.128	3.590	3.000	2.077	3.051
814	REPAIR & SERV COMP	32	14.719	8.875	10.094	8.750	6.813	6.094	6.906	4.063	2.938	2.188	3.188
820	MECHANIC (NEC)	119	14.328	8.569	9.151	7.336	5.767	5.017	5.526	3.612	2.353	1.664	2.655
821	AUTO MECHANIC	74	14.486	8.122	9.108	7.500	5.973	5.054	5.662	3.554	2.635	1.757	2.581
822	AIRPLANE MECHANIC	68	14.956	9.779	8.985	8.353	6.176	5.426	5.985	3.574	2.794	1.868	2.824
823	OFFICE MACH REPAIR	17	14.235	9.941	8.824	7.176	6.941	5.588	6.353	3.882	2.647	1.941	2.588
824	IND MACH REPAIR	21	14.667	9.619	9.143	7.667	6.429	5.810	5.762	3.095	2.952	1.476	2.190
828	MACHINIST	176	14.261	8.528	8.869	8.261	6.006	5.199	5.705	3.494	2.500	1.864	2.648
831	CABINET MAKER	13	15.000	9.769	9.077	8.000	5.538	4.000	5.538	3.462	2.308	1.308	2.154
832	CARPENTER	55	13.873	8.727	9.455	7.855	5.564	4.891	5.909	3.782	2.527	1.673	2.327
833	METAL TRADES	92	13.239	8.533	8.533	7.630	5.511	4.837	5.707	3.370	2.467	1.598	2.228
834	BRKLYR, MASON, PTR, RFR	62	13.968	8.306	9.274	8.000	5.532	5.242	5.629	3.355	2.565	1.774	2.323
835	PLUMBER, PIPEFTR	72	13.181	8.458	9.667	7.889	5.319	5.028	5.236	3.389	2.319	1.653	2.264
836	HEAVY EQUIP OP	47	14.170	8.681	8.532	8.383	4.979	4.809	5.830	3.383	2.617	1.511	2.553
837	MISC BLDG & CONST	71	14.070	8.901	9.113	8.620	5.493	5.324	5.704	3.437	2.845	1.676	2.648
838	MINING, QURYNG, DRLNG	16	14.500	8.625	8.125	8.063	4.813	4.688	5.188	3.438	2.313	1.563	2.250
841	PILOT	99	15.273	9.020	9.747	9.869	7.586	6.434	6.535	4.263	3.475	2.515	3.778
848	AIR TRAFFIC CONTROLLER	13	13.462	9.077	10.000	10.154	7.538	6.462	5.923	3.615	3.231	2.308	3.462
851	MERCHANT MARINE OCC	10	16.100	9.700	9.800	7.900	7.300	7.100	6.600	3.900	3.300	2.200	3.000
852	RAILROAD OCCS	10	13.600	8.600	8.000	8.400	5.800	4.800	6.500	3.600	2.900	2.000	2.400
853	AUTO, BUS, TRUCK DRVR	85	13.471	8.835	8.353	7.506	5.353	4.718	5.118	3.212	2.224	1.553	2.459
861	PRINTING TRADES	106	13.396	7.792	8.434	8.557	6.509	5.575	6.047	3.547	2.745	1.972	3.000
863	SURVEYOR	27	14.444	8.741	9.407	8.889	5.852	5.630	6.333	3.667	3.148	1.852	2.778
864	DRAFTSMAN	140	13.543	9.050	8.971	8.636	6.536	5.207	5.929	3.643	2.650	1.929	2.979
865	PHOTOGRAPHY	39	13.821	8.256	9.436	8.513	7.410	5.795	5.974	3.923	3.282	2.308	2.949
867	LANDSCAPE ARCHIT	13	15.308	8.769	10.385	9.615	7.154	6.154	6.692	4.385	3.538	2.308	3.462
868	CLTHNG & FASH TRADES	14	12.714	8.857	9.857	8.000	6.643	5.357	5.929	2.786	2.786	1.643	2.429
881	FOOD & BEVERAGE PREP	28	12.393	7.893	9.179	7.464	5.679	4.679	5.107	3.321	2.393	1.893	2.286
885	BUTCHER, MEAT CUTTER	23	12.565	6.000	8.391	8.565	5.957	4.348	5.435	2.957	2.087	1.609	1.957
891	MISC PERSONAL SERVICES	12	11.583	7.417	7.333	7.250	5.917	4.833	5.000	3.000	2.917	2.000	2.250
892	BARBER	41	12.439	9.073	7.561	7.585	5.073	4.634	5.171	3.098	2.244	1.390	2.439
893	HAIRDRESSER	15	10.400	6.867	8.933	6.400	6.733	4.467	5.467	2.867	2.933	1.867	2.333
899	GENERAL LABORER	277	12.995	8.386	8.736	8.108	5.523	4.971	5.505	3.209	2.401	1.715	2.448
	TOTAL	14123	13.911	8.658	9.554	9.378	7.088	5.951	6.486	3.756	3.128	2.220	3.261

TABLE 1.3 (continued)

			STANDARD DEVIATIONS										
			INFORMATION TEST I (CONTD.)					INFORMATION TEST II					
#	GROUP	N	MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE	JOURNALISM	FOREIGN TRAVEL
			R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135	R-136	R-137
559	MUSIC-RELATED (MISC)	15	3.105	2.704	3.374	2.576	2.100	1.356	1.922	1.033	1.447	0.724	1.549
575	THEATRE (OTHER)	23	1.992	2.405	2.779	1.975	2.171	1.406	1.484	1.121	1.343	0.573	1.043
578	RADIO/TV ANNOUNCER	17	2.473	1.807	3.659	1.770	2.347	1.867	0.920	1.269	1.510	0.606	1.286
579	MISC PERF ARTS	12	3.114	2.193	2.864	2.387	2.747	1.730	1.443	0.965	1.055	1.094	1.289
611	ATHLETE	10	3.542	2.406	2.211	1.767	2.068	1.265	1.491	1.080	1.101	0.675	1.317
612	PRO ATHLETICS (AUX)	15	2.865	2.282	2.111	1.387	1.920	1.957	1.060	1.060	1.356	0.910	1.404
621	RECREATION DIR	18	2.920	2.355	2.697	2.086	1.948	1.018	1.592	0.856	1.263	0.907	1.320
623	FRSTRY, HUNT, TRAP	19	2.725	1.580	3.118	1.916	2.068	1.708	1.700	1.167	1.644	0.820	1.216
631	FARM/RANCH OWNER	128	2.784	1.552	2.702	2.657	2.167	1.660	1.844	1.163	1.264	0.947	1.250
639	FARMING (OTHER)	264	2.869	1.708	2.746	2.698	2.059	1.717	1.966	1.194	1.182	0.894	1.295
640	MILITARY (RANK NOT IND)	54	3.431	2.377	2.880	2.801	2.602	1.799	1.947	1.196	1.595	0.771	1.285
641	MILITARY-ENLISTED	13	2.987	2.602	2.900	1.808	2.066	1.251	1.446	1.391	1.391	0.862	1.548
642	MILITARY-OFFICER	108	2.533	1.854	3.212	2.005	2.224	1.400	1.497	0.964	1.313	0.663	1.076
650	INTELLIGENCE-CIA, ETC.	21	3.251	2.161	2.975	2.852	2.053	1.692	2.004	1.359	1.465	0.750	1.197
661	POLICE (PUBLIC)	151	3.140	2.135	2.868	2.972	2.110	1.670	1.647	1.025	1.340	0.868	1.131
666	FIREMAN	41	2.984	2.510	3.025	2.356	1.810	1.583	2.064	1.067	1.308	0.834	1.096
669	OTHER PROTECTIVE	22	3.011	1.975	2.590	2.407	2.629	2.031	1.738	1.224	1.424	0.813	1.306
711A	BANKING & FINANCE, I	63	3.256	2.397	3.410	2.977	2.298	1.898	1.461	0.902	1.280	0.796	1.275
711B	BANKING & FINANCE, II	116	3.269	2.136	2.858	2.703	2.032	1.516	1.275	0.952	1.329	0.665	1.107
712	INVSTMNT, STOCK CONSULT	11	3.402	2.211	3.078	2.981	2.102	1.502	1.753	0.539	1.214	0.688	1.191
716	CPA	280	2.459	1.963	2.953	2.384	2.094	1.590	1.494	0.971	1.316	0.696	1.169
717	ACCTANT (EXC CPA)	222	2.723	1.999	3.075	1.948	2.330	1.625	1.607	1.254	1.450	0.836	1.213
721	PURCHASING AGENT	25	3.906	1.906	2.874	3.153	2.267	1.370	1.914	0.866	1.472	0.690	1.118
722	RETAIL BUYER	22	2.819	1.922	2.916	2.344	2.232	1.889	1.397	1.020	1.279	0.671	1.082
723	EFFICIENCY EXPERT	111	2.996	2.142	3.188	2.529	2.202	1.391	1.379	0.922	1.360	0.736	1.182
724	ADVERTISING	40	2.128	1.414	2.236	3.609	1.929	1.660	1.732	1.152	1.275	0.705	1.074
725	PUBLIC RELATIONS	21	2.298	1.519	2.828	2.394	2.197	1.606	1.274	0.934	1.476	0.567	1.119
726	PERSONNEL ADMIN	91	3.384	2.303	2.649	2.951	2.152	1.594	1.449	0.938	1.352	0.707	1.059
727	APPRAISING, ESTIMATING	36	2.752	1.812	2.428	2.200	2.210	1.474	1.268	1.207	1.317	0.655	1.222
728	LOAN/CREDIT INVESTIG	20	2.820	2.204	3.223	2.383	2.425	1.700	1.618	0.906	1.240	0.785	1.072
730	BUS MGMT ADM (NEC)	511	3.152	2.342	2.563	1.903	2.144	1.600	1.524	0.993	1.368	0.791	1.202
731	MFG MGMT	35	3.053	1.944	3.457	2.777	2.016	1.762	1.414	0.834	1.367	0.660	1.227
732	WHSL/RET TRADE MGMT/MKTG	135	2.376	1.858	2.740	2.240	2.319	1.554	1.671	1.089	1.381	0.815	1.217
738	SUPERVISOR IN BUS	87	1.954	1.585	3.144	2.367	2.312	1.560	1.542	0.987	1.120	0.816	1.192
741	SLSCLERK	23	1.510	1.786	2.862	2.811	1.936	1.579	1.732	1.037	1.158	0.878	1.125
742	RTEMAN (MILK, LAUNDRY, ETC)	12	3.367	2.550	2.497	2.098	1.782	1.240	1.946	1.165	1.303	0.905	1.165
743	STOCKBROKER	23	2.695	1.630	2.949	2.276	1.731	1.473	1.526	0.793	1.608	0.511	1.180
745	REAL ESTATE SLSMAN	26	2.832	1.630	3.114	2.629	2.482	1.738	1.517	1.023	1.441	0.749	1.275
746	INSURANCE SLSMAN	61	2.266	1.755	2.977	2.244	1.986	1.533	1.545	0.964	1.532	0.790	1.111
747	AUTO SLSMAN	22	2.263	1.677	2.992	2.211	2.304	1.783	1.032	1.020	1.246	0.782	0.990
748	OTHER SLSMAN (NEC)	350	2.149	1.813	2.448	2.305	2.337	1.640	1.501	1.125	1.332	0.846	1.229
749	SALES MGR	73	2.371	1.748	2.553	2.147	2.129	1.221	1.415	0.908	1.208	0.772	1.268
751	BOOKKEEPER	10	2.028	1.833	2.596	2.007	1.841	1.265	1.174	1.430	1.059	0.843	1.297
755	MISC ACCT RECDG	27	2.590	1.793	2.877	2.375	2.554	1.644	1.605	1.245	1.221	0.829	1.474
758	COMPUTER OPERATOR	78	2.355	1.629	3.418	2.220	2.185	1.615	1.506	0.941	1.263	0.906	1.196
769	CLERK (MISC)	24	2.376	1.379	2.706	2.097	2.173	1.805	1.971	1.167	1.250	0.992	1.511
772	OFFICE MGR	29	1.903	2.467	2.587	2.344	2.435	1.729	1.638	1.049	1.458	0.737	1.329
789	OTHER "PUB CONT" OCCS	14	2.305	1.356	2.615	2.200	2.353	1.900	1.336	1.069	1.439	0.726	0.952
791	RADIO, TELEGR, TTY OP	14	3.114	2.236	2.186	1.667	2.205	1.865	1.657	1.301	1.393	0.829	1.204
797	MISC CLERICAL	112	2.929	0.994	3.125	1.490	2.439	1.731	1.912	1.171	1.193	0.874	1.373
798	MISC ADMINISTRATIVE	38	2.618	1.823	2.749	1.877	2.092	1.440	1.840	1.218	1.267	0.775	1.321
810	ELECTRICIAN	159	2.615	1.908	2.927	1.842	2.312	1.534	1.825	1.015	1.353	0.918	1.259
811	ELECTRONIC TECHNICIAN	212	1.609	1.731	2.162	2.875	2.411	1.663	1.685	1.098	1.331	0.871	1.159
812	APPLIANCE REPAIR	55	3.371	3.443	3.924	3.419	2.685	1.971	1.737	0.978	1.303	0.969	1.396
813	PHONE INSTALL & REPAIR	39	3.649	2.750	3.141	2.257	2.175	1.399	1.908	1.044	1.235	0.929	1.276
814	REPAIR & SERV COMP	32	3.369	2.181	2.248	2.721	2.278	1.594	1.614	1.045	1.435	0.896	1.355
820	MECHANIC (NEC)	116	3.299	1.221	2.656	1.940	2.482	1.647	1.786	1.133	1.225	1.004	1.173
821	AUTO MECHANIC	74	2.469	2.225	2.675	2.344	2.559	1.687	1.981	1.229	1.288	1.004	1.324
822	AIRPLANE MECHANIC	68	3.046	1.873	2.909	2.527	2.164	1.642	1.824	1.012	1.333	0.945	1.257
823	OFFICE MACH REPAIR	17	4.056	1.943	2.424	2.373	2.561	1.698	1.320	0.781	1.412	0.748	1.372
824	IND MACH REPAIR	21	2.635	2.242	1.740	2.108	2.249	1.721	1.729	1.221	1.396	0.750	1.167
828	MACHINIST	176	2.747	2.038	1.730	3.172	2.297	1.824	1.834	1.064	1.292	0.884	1.219
831	CABINET MAKER	13	2.255	2.255	3.056	2.172	2.787	1.826	2.570	1.561	0.855	0.947	1.281
832	CARPENTER	55	2.763	1.890	2.827	2.635	2.226	1.410	1.704	1.134	1.345	0.840	1.187
833	METAL TRADES	32	2.974	2.196	2.850	2.663	2.078	1.737	1.720	1.238	1.305	0.915	1.250
834	BRKLYR, MASON, PTR, RFR	62	3.099	2.447	2.759	2.936	2.468	1.626	1.927	1.380	1.210	0.948	1.469
835	PLUMBER, PIPEFTR	72	3.425	2.319	2.828	2.576	2.168	1.520	1.996	1.273	1.173	0.906	1.138
836	HEAVY EQUIP OP	67	2.590	2.256	2.718	2.463	2.090	1.610	1.785	1.243	1.278	0.906	1.364
837	MISC BLDG & CONST	71	2.764	2.071	3.059	2.706	2.623	1.803	2.024	1.251	1.261	0.982	1.395
838	MINING, QURYNG, DRLNG	16	2.000	1.668	2.363	2.744	2.228	1.740	1.870	1.153	0.946	1.094	1.342
841	PILOT	39	2.657	1.744	3.195	2.617	2.065	1.642	1.494	0.975	1.431	0.719	0.932
848	AIR TRAFFIC CONTROLLER	13	2.817	1.256	2.799	2.075	2.222	1.561	1.847	0.768	1.166	0.751	0.967
851	MERCHANT MARINE OCC	12	1.969	1.767	2.098	2.700	1.703	1.729	1.506	1.287	0.949	1.135	1.633
852	RAILROAD OCCS	10	3.204	2.221	3.018	2.271	2.098	1.398	1.900	0.699	1.449	0.816	1.776
853	AUTO, BUS, TRUCK DRVR	85	3.149	2.251	2.482	2.369	2.501	1.637	1.782	1.216	1.238	0.993	1.350
861	PRINTING TRADES	106	2.573	2.220	2.905	2.375	2.090	1.460	1.527	1.006	1.331	0.941	1.195
863	SURVEYOR	27	2.242	1.913	2.805	2.722	2.088	1.801	1.468	1.144	1.262	0.949	1.281
864	DRAFTSMAN	140	3.026	2.133	2.614	2.629	2.364	1.422	1.643	0.997	1.217	0.862	1.128
865	PHOTOGRAPHY	39	3.456	2.124	3.050	2.235	2.712	1.542	1.799	1.365	1.395	0.893	1.376
867	LANDSCAPE ARCHIT	13	2.898	1.481	2.599	1.895	1.908	1.345	1.548	0.650	1.713	0.751	1.391
868	CLTHNG & FASH TRADES	14	2.867	2.070	3.278	3.013	3.079	1.946	1.859	1.369	1.477	1.216	1.399
881	FOOD & BEVERAGE PREP	28	3.531	2.439	3.682	3,061	2.326	2.038	2.025	1.416	1.100	0.916	1.301
885	BUTCHER, MEAT CUTTER	23	2.390	2.216	2.743	2.537	2.325	1.613	2.107	1.147	1.125	0.783	1.397
891	MISC PERSONAL SERVICES	12	4.814	2.968	3.551	2.340	3.204	2.758	2.730	1.279	1.443	0.953	1.603
892	BARBER	41	2.627	2.195	2.693	2.559	2.102	1.933	1.773	1.068	1.319	0.802	1.226
893	HAIRDRESSER	15	4.137	3.335	3.283	2.473	3.150	2.200	2.167	0.743	1.438	0.743	1.345
899	GENERAL LABORER	277	3.245	2.281	2.837	2.722	2.304	1.608	1.831	1.233	1.183	0.918	1.289
	TOTAL	14123	3.057	2.083	2.965	2.707	2.438	1.736	1.719	1.092	1.407	0.861	1.295

TABLE 1.3 (continued)

#	GROUP	N	MEANS										
			INFORMATION TEST II (CONTD.)										
			MILITARY	ACCTG, BUS, SALES	PRACT KNOWL	CLERICAL	BIBLE	COLORS	ETIQUETTE	HUNTING	FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY
			R-138	R-139	R-140	R-141	R-142	R-143	R-144	R-145	R-146	R-147	R-148
000	NO ANSWER	1812	3.158	5.513	3.361	2.100	7.909	1.286	0.987	2.407	1.961	5.511	1.492
001	DON'T KNOW	823	2.991	5.370	3.305	2.071	7.568	1.174	0.963	2.455	1.949	5.425	1.415
101	EXECUTIVE (NEC)	43	3.488	6.651	3.651	2.465	8.559	1.535	1.163	2.070	1.837	5.860	1.698
102	FOREMAN (NEC)	49	2.735	5.102	3.327	2.122	7.653	1.265	0.959	2.592	2.327	5.673	1.429
111	WORK FOR GOVT (NEC)	52	3.404	5.577	3.577	2.308	7.962	1.308	0.923	2.308	1.885	5.577	1.596
112	IN BUS FOR SELF (NEC)	273	3.065	5.569	3.428	1.957	7.043	1.194	1.007	2.534	2.036	5.547	1.478
120	IND, BUS, COMM (NEC)	141	2.965	5.369	3.376	2.078	7.560	1.149	0.943	2.475	1.960	5.454	1.461
121	RETAIL (NEC)	33	3.303	5.818	3.576	2.242	7.424	1.231	1.030	2.788	2.212	5.758	1.455
122	TRANSPORTATION (NEC)	27	3.148	5.926	3.407	1.815	7.259	1.333	1.037	2.074	1.556	5.519	1.481
123	REAL ESTATE (NEC)	17	3.059	6.294	3.706	2.588	7.824	1.471	0.882	2.529	2.353	5.529	1.412
124	INSURANCE (NEC)	35	3.400	5.829	3.543	2.143	7.743	1.086	1.229	2.029	1.886	5.371	1.571
125	ELECTRONICS (NEC)	156	3.038	5.218	3.423	2.013	7.468	1.346	1.000	2.654	2.109	5.564	1.532
150	RESEARCH (NEC)	9	4.000	6.333	3.556	2.000	10.111	0.889	1.111	2.778	3.111	6.556	1.556
211	MATH, STAT	46	3.543	6.717	3.761	2.457	10.587	1.457	1.239	2.022	1.826	6.413	1.848
212	OTHER STATISTICS	14	4.071	6.929	3.714	2.500	10.357	2.000	1.571	2.071	1.714	5.857	1.714
221	SYSTEMS ANALYST	42	3.690	6.357	3.595	2.357	9.048	1.619	1.405	2.214	2.262	6.000	1.762
222	COMPUTER PROGRAMMER	121	3.529	6.074	3.628	2.314	8.446	1.322	1.058	2.182	1.818	5.777	1.620
229	COMPUTER SPEC (NEC)	20	3.550	6.150	3.650	2.300	8.900	1.700	1.200	2.400	2.250	5.900	1.450
230	PHYSICAL SCI (NEC)	18	3.611	5.833	3.389	2.389	9.667	1.500	1.056	1.778	1.722	5.778	1.556
231	CHEMIST	81	3.642	6.840	3.642	2.420	10.148	1.605	1.222	2.593	2.494	5.790	1.877
232	PHYSICIST	64	3.766	6.969	3.641	2.453	10.750	1.516	1.172	2.531	2.266	6.625	1.922
234	GEOLOGIST	17	3.882	5.941	3.824	2.176	9.235	1.353	1.353	2.824	2.412	6.471	1.706
235	METEOROLOGIST	10	4.100	6.200	3.900	2.100	9.900	1.300	0.700	1.900	1.700	5.900	1.600
240	ENGINEER (NEC)	167	3.814	6.695	3.689	2.234	9.539	1.527	1.281	2.557	2.193	6.323	1.773
241	CIVIL ENGINEER	105	3.590	6.096	3.619	2.152	9.324	1.352	1.219	2.429	2.067	6.086	1.567
242	ELECTRICAL ENGINEER	243	3.708	6.597	3.630	2.350	9.527	1.576	1.214	2.477	2.041	6.305	1.344
243	MECH ENGINEER	143	3.636	6.469	3.769	2.350	9.490	1.392	1.168	2.490	2.357	6.601	1.734
244	AERONAUTICAL ENG	37	3.622	6.541	3.622	2.243	8.730	1.459	1.514	2.270	1.865	6.541	1.784
245	CHEM ENGINEER	58	4.017	6.690	3.759	2.414	10.155	1.448	1.138	2.500	2.828	6.569	1.655
250	ARCHITECT	58	3.603	6.466	3.638	2.259	8.879	1.431	1.293	2.086	1.966	6.379	1.759
299	PHYS SCI, LAB TECH	78	3.179	5.564	3.410	2.231	7.436	1.346	1.000	2.705	2.269	5.821	1.526
310	BIOLOGIST, ZOOLOGIST	32	4.188	6.500	3.625	2.563	10.656	1.531	1.219	3.219	3.313	6.688	1.906
313	SPEC IN AGRIC SCI	35	3.543	5.800	3.371	2.371	8.229	1.343	1.171	3.143	2.886	5.943	1.486
314	WLDLF/FOREST SPEC	49	3.449	5.551	3.449	2.429	9.041	1.408	1.061	3.367	3.122	6.306	1.551
316	MICROBIOLOGIST	15	3.467	6.533	3.667	2.600	9.733	1.533	1.200	2.400	1.933	6.200	1.733
317	BIOCHEMIST	9	4.111	6.556	3.111	2.333	9.333	1.667	1.111	2.778	2.556	6.111	1.444
322	MD-SURGEON	14	3.643	6.714	3.929	2.429	10.286	1.357	1.071	1.929	1.929	5.714	1.643
329	MD-OTHER	229	4.017	7.131	3.699	2.472	10.454	1.672	1.271	2.170	2.105	6.537	1.956
332	DENTIST	27	3.330	6.381	3.701	2.361	8.990	1.619	1.186	2.351	2.433	6.432	1.591
333	VETERINARIAN	20	3.150	5.850	3.800	2.400	9.000	1.200	1.150	2.950	2.850	5.500	1.900
343	PHYS THERAPIST	11	3.455	5.273	3.273	2.000	7.000	1.091	1.000	2.364	1.545	5.636	1.455
347	MED/DENT TECHNOL	16	3.625	6.813	3.500	2.000	8.750	1.813	1.000	2.188	1.313	5.688	1.500
348	MED/DENT TECHNICIAN	27	2.926	5.148	3.519	2.148	7.815	1.259	0.852	2.444	1.852	5.852	1.667
350	HOSPITAL ADMIN	11	3.909	6.909	3.818	2.636	9.818	1.182	1.364	2.818	2.182	6.364	1.909
335	PHARMACIST	91	3.593	6.242	3.593	2.451	8.780	1.319	1.077	2.418	2.297	6.000	1.780
360	PSYCHOLOGIST	106	3.660	6.972	3.632	2.311	9.660	1.425	1.179	2.057	1.934	6.236	1.934
370	SOCIAL WORKER	60	3.550	5.917	3.500	2.200	9.417	1.117	1.000	1.767	1.750	5.450	1.567
371	PSYCHIATRIC SOC WRKR	9	3.667	6.333	3.333	2.444	9.333	1.333	0.889	1.889	2.111	5.556	1.778
372	COUNSELING/GUIDANCE	12	3.083	4.500	3.000	2.167	8.500	1.333	1.167	1.917	1.417	5.750	1.167
373	VOC/ED GUIDANCE	23	3.130	5.565	3.739	2.304	8.261	1.652	1.261	1.870	1.478	5.348	1.609
382	ECONOMIST	23	3.478	5.652	3.783	2.391	9.783	1.696	1.174	2.478	2.348	6.435	1.739
389	SOCIAL SCI (MISC)	21	2.952	6.000	3.476	2.238	9.190	1.429	1.048	2.286	1.524	5.667	1.571
392	DIPLOMAT	22	3.818	6.409	3.455	2.364	10.955	1.682	0.909	1.909	2.182	5.727	1.727
393	LAWYER	393	3.911	6.307	3.690	2.420	9.952	1.545	1.265	2.178	1.959	6.140	1.723
394	MARKET ANALYST	10	4.700	6.700	3.600	2.100	10.500	1.900	1.300	2.300	1.600	6.300	2.100
398	CITY PLANNER (NEC)	12	4.167	7.167	3.917	2.750	9.333	1.833	1.250	2.333	2.500	7.333	1.500
400	TEACHER (NEC)	423	3.288	6.052	3.520	2.404	8.932	1.291	1.132	2.340	1.991	5.837	1.603
412	TEACHER-ELEM	45	3.022	5.489	3.467	2.244	7.978	1.289	1.067	2.089	2.067	5.711	1.667
420	TEACHER-HS (NEC)	69	3.594	6.130	3.522	2.290	9.580	1.304	1.145	2.493	2.275	5.855	1.594
421	TEACHER-HS MATH	62	3.258	5.677	3.500	2.468	9.452	1.323	1.177	2.274	1.839	5.806	1.565
422	TEACHER-HS SCI	50	3.420	6.280	3.480	2.400	9.620	1.440	1.120	2.860	2.460	6.220	1.540
423	TEACHER-HS SOC ST	94	3.670	6.149	3.553	2.234	10.032	1.362	1.223	2.096	1.862	5.745	1.585
424	TEACHER-ENGLISH	45	3.267	6.222	3.556	2.400	10.333	1.711	1.044	1.778	1.756	5.867	1.733
425	TEACHER-FOREIGN LANG	10	3.500	6.300	3.400	1.900	9.600	1.600	0.700	2.100	2.000	4.900	1.600
426	TEACHER-COMM ED	16	3.563	6.125	3.688	2.750	8.125	0.938	1.063	2.063	1.563	5.500	1.563
428	TEACHER-TRADES	45	2.689	5.644	3.556	2.222	9.178	1.378	0.978	2.911	2.133	5.800	1.511
429	TEACHER-PHYS ED	57	3.246	5.702	3.474	2.158	7.509	1.368	1.123	2.070	1.895	5.947	1.561
431	TEACHER-ART	15	3.333	5.867	3.333	1.933	9.267	1.600	0.867	2.667	2.200	5.467	1.267
432	TEACHER-MUSIC	38	3.000	5.842	3.500	2.289	9.079	1.684	1.105	1.947	1.842	6.132	1.605
440	TEACHER-HANDICAPPED	18	3.056	6.333	3.667	2.333	9.611	1.722	1.056	1.722	1.889	6.389	1.667
450	SCHOOL ADMIN (EXC COLL)	43	3.442	5.930	3.581	2.209	9.419	1.558	1.163	1.884	1.744	5.930	1.558
460	COLL/UNIV TCHR (NEC)	179	3.587	6.838	3.670	2.514	10.898	1.827	1.218	2.000	2.006	6.212	1.832
461	COLL/UNIV TCHR-MATH	28	3.786	7.036	3.643	2.357	10.679	1.750	1.179	2.036	2.107	6.929	1.821
462	COLL/UNIV TCHR-SCI	68	3.956	6.868	3.750	2.368	10.397	1.632	1.206	2.471	2.691	6.353	1.735
463	COLL/UNIV TCHR-SOC SCI	85	4.200	6.382	3.765	2.553	11.165	1.576	1.235	2.235	1.894	6.306	1.812
464	COLL/UNIV TCHR-ENGLISH	57	3.982	6.912	3.754	2.456	11.404	1.772	1.211	2.000	1.632	6.316	1.789
465	COLL/UNIV TCHR-FOR LANG	15	3.800	6.400	3.800	2.467	11.000	2.133	1.200	2.267	1.867	6.600	1.667
521	CLERGYMAN	176	3.443	6.114	3.625	2.295	12.068	1.489	1.216	2.080	1.938	6.057	1.636
522	MONK, BROTHER, NUN	16	3.438	5.938	3.625	1.813	11.688	1.500	0.875	1.688	1.875	5.813	1.438
523	RELIG WRKR (OTHER)	14	4.000	6.071	3.643	2.714	12.929	1.500	1.357	1.500	2.500	5.857	1.714
531	WRITER (NEC)	24	3.208	6.542	3.458	2.333	9.583	1.083	1.083	2.083	1.750	5.333	1.542
534	JRNLIST/REPRTER	43	3.977	6.674	3.651	2.488	9.535	1.442	1.047	2.163	1.744	6.000	1.605
539	TRNSLTR, INTRPRTR, LINGST	9	2.889	6.667	3.667	2.556	11.556	1.667	1.111	2.222	2.111	6.111	1.778
541	FINE ARTS	16	3.063	5.938	3.625	2.313	9.063	2.000	0.813	2.438	2.125	6.250	1.438
545	COMM ARTIST	48	3.167	5.125	3.333	1.958	7.646	1.688	0.958	2.167	1.958	5.479	1.396
547	DESIGNER (CONS GDS)	28	3.464	5.929	3.643	2.143	8.286	1.714	1.071	2.607	1.679	6.000	1.357
551	MUSICIAN	24	2.667	6.250	3.375	2.458	8.792	1.875	0.958	2.083	1.875	5.833	1.708

TABLE 1.3 (continuec

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST II (CONTD.)										
			MILITARY	ACCTG, BUS, SALES	PRACT KNOWL	CLERICAL	BIBLE	COLORS	ETIQUETTE	HUNTING	FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY
			R-138	R-139	R-140	R-141	R-142	R-143	R-144	R-145	R-146	R-147	R-148
000	NO ANSWER	1812	1.480	1.935	0.811	0.831	3.320	0.905	0.686	1.281	1.307	1.754	0.715
001	DON'T KNOW	823	1.515	1.885	0.793	0.821	3.282	0.882	0.671	1.295	1.260	1.740	0.711
101	EXECUTIVE (NEC)	43	1.077	1.646	0.573	0.631	3.969	1.032	0.652	0.985	1.379	1.597	0.638
102	FOREMAN (NEC)	49	1.469	2.054	0.922	0.807	2.847	0.730	0.644	1.171	1.345	1.737	0.645
111	WORK FOR GOVT (NEC)	57	1.332	2.042	0.605	0.897	3.455	0.961	0.710	1.365	1.166	2.013	0.693
112	IN BUS FOR SELF (NEC)	273	1.395	1.834	0.711	0.890	3.170	0.890	0.695	1.148	1.288	1.618	0.673
120	IND, BUS, COMM (NEC)	141	1.504	1.925	0.761	0.837	3.390	0.902	0.684	1.119	1.306	1.783	0.692
121	RETAIL (NEC)	33	1.212	1.740	0.561	0.792	3.153	0.914	0.728	1.139	1.341	1.678	0.617
122	TRANSPORTATION (NEC)	27	1.167	2.018	0.694	0.921	3.335	0.877	0.587	1.207	0.974	1.649	0.700
123	REAL ESTATE (NEC)	12	1.088	1.863	0.588	0.618	3.432	1.125	0.781	1.546	1.498	1.972	0.712
124	INSURANCE (NEC)	35	1.193	1.485	0.561	0.648	3.518	0.702	0.690	1.294	1.301	1.190	0.502
125	ELECTRONICS (NEC)	155	1.319	1.797	0.663	0.797	3.502	0.877	0.579	1.268	1.403	1.643	0.695
150	RESEARCH (NEC)	9	1.936	1.225	0.527	0.707	3.408	0.601	0.601	1.641	1.054	1.509	0.882
211	MATH, STAT	64	1.242	1.760	0.431	0.657	2.613	0.808	0.565	1.183	1.305	1.045	0.631
212	OTHER STATISTICS	14	0.917	1.385	0.726	0.650	3.319	0.877	0.646	1.817	1.267	1.512	0.726
221	SYSTEMS ANALYST	62	1.370	1.819	0.587	0.759	3.378	0.909	0.587	1.389	1.433	1.623	0.692
222	COMPUTER PROGRAMMER	121	1.311	1.780	0.579	0.753	3.263	0.899	0.649	1.297	1.285	1.589	0.710
229	COMPUTER SPEC (NEC)	22	1.191	1.565	0.587	0.801	3.275	0.801	0.696	0.940	1.333	1.252	0.759
230	PHYSICAL SCI (NEC)	18	1.290	2.229	0.979	0.916	2.931	0.857	0.639	1.114	0.826	1.665	0.784
231	CHEMIST	91	1.519	1.887	0.532	0.756	3.186	0.931	0.632	1.430	1.185	1.394	0.696
232	PHYSICIST	34	1.151	1.808	0.651	0.615	2.667	0.854	0.788	1.140	1.383	1.339	0.625
234	GEOLOGIST	17	1.269	1.713	0.529	0.809	3.251	0.996	0.702	1.551	1.121	1.328	0.772
235	METEOROLOGIST	10	0.876	1.549	0.422	1.101	2.695	1.252	0.675	1.287	1.160	1.197	0.516
240	ENGINEER (NEC)	167	1.360	1.642	0.548	0.791	3.152	0.904	0.639	1.200	1.381	1.461	0.662
241	CIVIL ENGINEER	135	1.517	1.727	0.610	0.718	3.056	0.980	0.620	1.192	1.502	1.612	0.615
242	ELECTRICAL ENGINEER	262	1.355	1.745	0.555	0.763	3.123	0.903	0.619	1.221	1.339	1.457	0.674
243	MECH ENGINEER	142	1.412	1.731	0.485	0.781	3.166	0.912	0.692	1.233	1.264	1.473	0.649
244	AERONAUTICAL ENG	27	1.534	1.304	0.545	0.723	2.715	1.095	0.559	1.[illegible]05	1.294	1.556	0.712
245	CHEM ENGINEER	53	1.481	1.689	0.432	0.650	3.100	0.862	0.634	1.525	1.416	1.403	0.579
250	ARCHITECT	58	1.199	1.809	0.583	0.739	3.124	0.797	0.649	1.113	1.256	1.543	0.540
299	PHYS SCI, LAB TECH	73	1.346	1.924	0.591	0.805	3.136	1.004	0.558	1.175	1.374	1.518	0.697
310	BIOLOGIST, ZOOLOGIST	62	1.230	1.967	0.554	0.564	3.327	0.983	0.659	1.128	1.230	1.230	0.466
313	SPEC IN AGRIC SCI	25	1.521	1.471	0.731	0.690	3.059	0.906	0.618	1.192	1.323	1.259	0.742
314	WLDLF/FOREST SPEC	41	1.139	1.733	0.709	0.677	3.014	0.864	0.689	1.302	1.439	1.597	0.614
316	MICROBIOLOGIST	15	1.598	1.506	0.617	0.507	4.061	0.743	0.676	1.183	1.223	1.474	0.704
317	BIOCHEMIST	9	0.782	2.128	1.054	0.707	3.841	1.000	0.782	1.856	1.878	1.453	0.527
322	MD-SURGEON	14	1.216	1.816	0.267	0.756	2.730	1.393	0.829	1.207	1.492	1.490	0.633
329	MD-OTHER	220	1.270	1.578	0.514	0.679	3.066	0.956	0.653	1.318	1.347	1.413	0.608
332	DENTIST	97	1.305	1.584	0.562	0.710	2.967	0.822	0.601	1.259	1.322	1.505	0.584
333	VETERINARIAN	20	1.496	1.461	0.410	0.754	2.469	0.951	0.745	1.099	1.226	1.277	0.553
343	PHYS THERAPIST	11	1.809	2.867	0.905	1.000	3.606	1.044	0.894	1.206	1.036	2.014	0.522
347	MED/DENT TECHNOL	16	1.258	1.601	0.632	1.033	3.317	0.981	0.730	1.471	1.329	1.493	0.632
348	MED/DENT TECHNICIAN	27	1.639	1.791	0.509	0.770	3.397	0.903	0.662	1.121	1.292	1.610	0.920
350	HOSPITAL ADMIN	11	1.640	1.514	0.405	0.505	3.060	0.874	0.809	1.168	0.874	1.120	0.701
335	PHARMACIST	31	1.577	1.463	0.632	0.749	3.259	0.930	0.671	1.212	1.378	1.453	0.696
360	PSYCHOLOGIST	10	1.372	1.704	0.485	0.921	3.042	0.956	0.659	1.279	1.403	1.528	0.683
370	SOCIAL WORKER	62	1.455	1.825	0.676	0.755	2.982	0.846	0.736	1.240	1.244	1.567	0.722
371	PSYCHIATRIC SOC WRKR	[illegible]	1.414	2.000	0.500	0.726	3.240	0.500	0.601	0.928	1.364	2.007	0.441
372	COUNSELING/GUIDANCE	12	0.900	2.576	1.279	1.030	3.261	0.888	0.835	1.084	1.311	1.815	0.718
373	VOC/ED GUIDANCE	31	1.392	2.371	0.449	0.703	3.018	0.885	0.752	1.359	1.082	1.369	0.722
382	ECONOMIST	23	1.039	1.945	0.422	0.722	3.411	0.765	0.778	1.410	1.301	1.343	0.541
389	SOCIAL SCI (MISC)	31	1.284	2.168	0.512	0.768	3.371	0.926	0.865	1.271	1.470	1.683	0.676
392	DIPLOMAT	33	1.181	1.709	0.596	0.659	2.935	0.780	0.684	1.306	1.532	1.486	0.550
393	LAWYER	397	1.390	1.759	0.544	0.731	3.143	0.933	0.679	1.309	1.234	1.541	0.599
394	MARKET ANALYST	10	1.059	1.059	0.516	0.876	1.716	0.568	0.675	1.337	1.350	1.767	0.738
398	CITY PLANNER (NEC)	12	0.937	1.899	0.289	0.452	4.271	0.835	0.452	1.614	1.784	1.303	0.798
400	TEACHER (NEC)	421	1.401	1.808	0.652	0.692	3.286	0.942	0.686	1.298	1.345	1.582	0.718
412	TEACHER-ELEM	45	1.196	1.926	0.661	0.743	2.676	0.920	0.688	1.240	1.286	1.878	0.603
420	TEACHER-HS (NEC)	60	1.217	1.626	0.584	0.788	3.210	0.845	0.625	1.208	1.338	1.726	0.693
421	TEACHER-HS MATH	47	1.354	1.931	0.671	0.645	2.979	0.937	0.758	1.405	1.381	1.513	0.643
422	TEACHER-HS SCI	30	1.416	1.415	0.677	0.700	2.864	0.951	0.594	1.325	1.432	1.389	0.631
423	TEACHER-HS SOC ST	34	1.386	1.741	0.580	0.739	3.106	1.004	0.658	1.287	1.250	1.391	0.629
424	TEACHER-ENGLISH	45	1.195	1.650	0.785	0.720	3.067	1.079	0.706	0.974	1.282	1.546	0.751
425	TEACHER-FOREIGN LANG	10	1.354	2.627	0.699	1.197	3.534	0.966	0.675	1.729	1.054	1.853	0.843
426	TEACHER-COMM ED	16	0.814	1.628	0.602	0.577	2.680	0.772	0.574	1.289	0.892	1.673	0.512
428	TEACHER-TRADES	45	1.362	1.583	0.659	0.765	3.164	0.912	0.723	1.041	1.254	1.546	0.787
429	TEACHER-PHYS ED	57	1.340	1.861	0.630	0.727	2.935	0.794	0.683	1.321	1.160	1.563	0.682
431	TEACHER-ART	15	1.799	2.031	0.816	1.100	2.865	1.242	0.640	1.234	1.821	1.885	0.594
432	TEACHER-MUSIC	30	1.315	1.809	0.647	0.768	3.715	0.873	0.649	1.394	1.326	1.379	0.679
440	TEACHER-HANDICAPPED	14	1.434	1.970	0.485	0.686	3.648	1.179	0.539	1.364	1.231	1.195	0.594
450	SCHOOL ADMIN (EXC COLL)	43	1.140	1.844	0.587	0.833	2.736	0.700	0.652	1.295	1.274	1.534	0.734
460	COLL/UNIV TCHR (NEC)	172	1.356	1.608	0.559	0.656	2.996	0.976	0.656	1.315	1.343	1.503	0.585
461	COLL/UNIV TCHR-MATH	28	1.287	1.290	0.678	0.780	2.907	0.701	0.723	1.201	1.227	1.676	0.723
462	COLL/UNIV TCHR-SCI	68	1.286	1.611	0.469	0.751	2.581	0.945	0.636	1.387	1.319	1.524	0.704
463	COLL/UNIV TCHR-SOC SCI	85	1.421	1.658	0.479	0.567	2.935	0.980	0.610	1.351	1.431	1.589	0.587
464	COLL/UNIV TCHR-ENGLISH	67	1.778	1.806	0.544	0.734	2.744	1.086	0.674	1.439	1.422	1.514	0.647
465	COLL/UNIV TCHR-FOR LANG	15	1.568	1.454	0.414	0.743	3.000	0.743	0.676	0.961	0.915	1.502	0.488
521	CLERGYMAN	176	1.255	1.723	0.552	0.751	2.490	0.913	0.708	1.280	1.284	1.599	0.679
522	MONK, BROTHER, NUN	16	1.789	1.289	0.500	0.750	2.726	1.155	0.619	1.448	1.088	1.940	0.512
523	RELIG WRKR (OTHER)	14	1.359	1.439	0.497	0.469	2.731	0.941	0.633	1.286	1.160	1.292	0.469
531	WRITER (NEC)	24	1.141	1.978	0.658	0.565	3.844	0.929	0.654	1.501	1.391	1.465	0.721
534	JRNLIST/REPRTER	43	1.406	1.476	0.573	0.703	3.318	1.007	0.722	1.271	1.197	1.604	0.623
539	TRNSLTR, INTRPRTR, LINGST	9	1.764	1.936	0.500	0.527	3.087	0.866	0.601	1.394	2.028	1.616	0.833
541	FINE ARTS	16	1.289	1.769	0.619	0.946	2.645	0.894	0.655	1.413	1.408	1.653	0.512
545	COMM ARTIST	48	1.506	1.696	0.753	0.849	3.522	1.133	0.651	1.173	1.271	1.676	0.574
547	DESIGNER (CONS GDS)	28	1.401	1.923	0.559	0.891	3.420	1.049	0.604	1.166	0.905	1.700	0.621
551	MUSICIAN	24	1.435	2.212	1.013	0.977	3.426	0.850	0.751	1.381	1.484	2.014	0.751

TABLE 1.3 (continued)

#	GROUP	N	MEANS										
			INFORMATION TEST II (CONTD.)										
			MILITARY	ACCTG, BUS, SALES	PRACT KNOWL	CLERICAL	BIBLE	COLORS	ETIQUETTE	HUNTING	FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY
			R-138	R-139	R-140	R-141	R-142	R-143	R-144	R-145	R-146	R-147	R-148
559	MUSIC-RELATED (MISC)	15	3.600	5.800	3.400	2.267	9.133	1.733	1.000	1.867	1.600	5.200	1.733
575	THEATRE (OTHER)	23	3.870	6.391	3.565	2.739	9.826	1.522	1.174	1.957	1.696	5.826	1.739
578	RADIO/TV ANNOUNCER	17	3.294	6.647	3.529	2.412	10.529	1.647	1.000	2.118	2.000	5.882	2.059
579	MISC PERF ARTS	12	3.000	6.167	3.250	2.083	7.750	1.500	0.833	2.333	1.917	5.583	1.583
611	ATHLETE	10	2.900	5.600	3.500	2.100	5.700	1.300	0.800	2.700	2.200	5.600	1.500
612	PRO ATHLETICS (AUX)	15	3.133	5.400	3.733	2.267	8.600	0.867	0.867	2.267	2.133	5.133	1.267
621	RECREATION DIR	18	3.222	4.889	3.333	2.111	7.222	1.333	1.000	2.167	2.056	5.444	1.273
623	FRSTRY, HUNT, TRAP	19	2.579	5.105	2.947	1.947	7.895	1.363	1.158	3.526	2.737	5.684	1.364
631	FARM/RANCH OWNER	128	2.383	4.977	3.055	2.016	6.563	1.039	1.102	2.961	1.805	5.156	1.289
639	FARMING (OTHER)	244	2.406	4.873	3.053	2.066	6.365	0.992	0.885	2.939	1.775	4.344	1.295
640	MILITARY (RANK NOT IND)	54	3.389	5.537	3.389	2.037	8.296	1.278	1.019	2.444	1.926	5.389	1.519
641	MILITARY-ENLISTED	13	3.231	5.462	3.231	2.308	8.154	0.923	0.846	2.615	2.077	4.846	1.231
642	MILITARY-OFFICER	108	4.287	6.491	3.676	2.296	10.204	1.491	1.278	2.833	2.204	6.315	1.667
650	INTELLIGENCE-CIA, ETC.	21	3.952	6.714	3.524	2.429	9.762	1.476	1.048	2.905	2.095	6.238	1.714
661	POLICE (PUBLIC)	151	3.291	5.728	3.325	2.000	7.649	1.232	0.921	2.503	2.007	5.444	1.417
666	FIREMAN	41	2.268	5.537	3.263	1.829	6.610	1.195	0.805	2.366	1.780	5.024	1.317
669	OTHER PROTECTIVE	22	3.045	5.045	3.318	1.909	7.045	1.227	0.955	2.364	1.773	5.091	1.273
711A	BANKING & FINANCE, I	63	2.937	5.794	3.651	2.175	7.905	1.206	0.873	2.444	2.063	5.222	1.429
711B	BANKING & FINANCE, II	116	3.810	6.388	3.629	2.284	8.655	1.379	1.164	2.422	2.060	5.966	1.555
712	INVSTMNT, STOCK CONSULT	11	3.364	6.818	3.636	2.273	7.727	1.000	1.273	1.818	2.091	5.727	1.636
716	CPA	230	3.407	6.254	3.561	2.357	8.200	1.357	[illegible]	2.032	1.343	[illegible]	1.604
717	ACCTANT (EXC CPA)	[illegible]	3.163	6.153	3.535	2.213	7.985	1.277	[illegible]	2.243	1.703	5.351	[illegible]
721	PURCHASING AGENT	25	3.600	5.400	3.400	2.240	6.960	1.520	[illegible]	2.240	1.560	4.800	1.240
722	RETAIL BUYER	22	3.227	6.591	3.682	2.182	8.091	1.182	1.091	1.818	2.000	6.136	1.727
723	EFFICIENCY EXPERT	111	3.748	6.261	3.613	2.360	8.515	1.279	[illegible]	2.577	2.099	6.054	1.748
724	ADVERTISING	40	3.350	6.275	3.500	2.025	[illegible]	1.775	0.925	1.900	1.425	5.450	1.550
725	PUBLIC RELATIONS	31	3.452	6.032	3.677	2.290	8.871	1.613	1.097	2.258	1.226	[illegible]	1.548
726	PERSONNEL ADMIN	81	3.704	6.111	3.568	2.321	8.494	1.358	1.247	2.519	2.136	5.877	1.556
727	APPRAISING, ESTIMATING	36	3.389	6.000	3.472	2.111	[illegible]	1.111	1.139	2.333	1.389	6.111	1.639
728	LOAN/CREDIT INVESTIG	29	3.552	6.207	3.586	2.310	10.000	1.207	1.034	2.241	2.103	5.483	1.552
730	BUS MGMT ADM (NEC)	511	3.513	6.123	3.542	2.274	8.573	1.477	1.092	2.393	2.117	5.861	[illegible]
731	MFG MGMT	95	3.568	6.200	3.632	2.316	9.421	1.442	1.137	2.547	2.232	6.074	1.747
732	WHSL/RET TRADE MGMT/MKTG	125	3.287	6.210	3.554	2.231	8.241	1.369	1.144	2.400	1.964	5.523	1.563
738	SUPERVISOR IN BUS	37	2.724	5.207	3.368	2.138	7.144	1.402	0.793	2.287	1.897	5.425	1.356
741	SLSCLERK	23	3.043	5.087	3.087	2.087	7.348	1.217	0.870	2.565	1.696	[illegible]	1.261
742	RTEMAN (MILK, LAUNDRY, ETC)	12	1.833	5.083	3.167	1.750	6.750	0.917	1.000	2.417	1.417	4.917	1.250
743	STOCKBROKER	23	4.217	6.913	3.565	2.174	9.565	1.739	1.087	2.391	1.870	[illegible]	1.870
745	REAL ESTATE SLSMAN	26	3.192	5.385	3.538	2.077	9.154	1.423	0.923	2.346	2.115	5.423	1.538
746	INSURANCE SLSMAN	61	3.426	5.902	3.328	2.066	9.213	1.311	1.082	2.328	2.311	5.328	1.541
747	AUTO SLSMAN	22	3.727	5.136	3.455	2.273	6.364	1.182	1.135	2.045	1.955	5.227	1.500
748	OTHER SLSMAN (NEC)	350	3.211	5.820	3.546	2.154	7.966	1.294	1.069	2.354	[illegible]	[illegible]	1.534
749	SALES MGR	73	3.479	5.890	3.603	2.219	7.699	1.164	1.700	2.192	2.055	5.562	1.466
751	BOOKKEEPER	10	2.800	5.400	3.400	2.500	8.300	1.500	1.400	2.000	2.300	5.900	1.300
755	MISC ACCT RECDG	27	2.296	5.037	3.444	2.185	6.630	1.111	0.963	2.000	1.630	5.037	1.519
758	COMPUTER OPERATOR	78	3.269	5.577	3.397	2.231	7.679	1.346	1.077	2.410	1.846	5.551	1.718
769	CLERK (MISC)	24	2.292	4.917	3.083	2.000	5.792	0.708	0.667	1.958	1.958	4.500	1.208
772	OFFICE MGR	28	3.000	5.857	3.286	2.036	7.393	1.393	0.964	2.179	1.536	5.036	1.464
789	OTHER "PUB CONT" OCCS	14	3.714	5.929	3.286	2.214	6.357	1.571	0.857	2.000	1.857	5.143	1.500
791	RADIO, TELEGR, TTY OP	14	2.857	4.500	3.214	2.357	8.357	1.214	0.857	2.643	2.000	5.286	1.500
797	MISC CLERICAL	112	3.089	5.143	3.277	2.036	7.304	1.071	0.857	2.339	1.804	5.241	1.339
798	MISC ADMINISTRATIVE	38	3.474	5.026	3.474	2.237	7.579	1.368	0.895	2.526	1.921	5.632	1.632
810	ELECTRICIAN	143	2.734	5.077	3.259	1.887	6.637	1.084	0.841	2.595	1.923	5.216	1.231
811	ELECTRONIC TECHNICIAN	212	3.179	5.406	3.363	2.127	[illegible]	[illegible]	0.972	[illegible]	2.151	5.526	1.500
812	APPLIANCE REPAIR	55	2.364	5.073	3.382	[illegible]	[illegible]	[illegible]	0.727	2.333	1.927	5.018	1.291
813	PHONE INSTALL & REPAIR	39	3.103	5.641	3.487	[illegible]	[illegible]	1.077	0.872	2.718	2.103	5.462	1.410
814	REPAIR & SERV COMP	32	2.906	5.375	3.469	2.125	7.719	1.188	1.125	2.553	2.313	5.688	1.553
820	MECHANIC (NEC)	116	2.328	4.741	3.095	1.819	6.172	1.302	0.905	2.698	1.922	5.121	1.267
821	AUTO MECHANIC	74	2.514	4.932	3.095	1.797	6.311	1.122	1.014	2.446	1.703	4.824	1.257
822	AIRPLANE MECHANIC	68	2.926	5.015	3.265	1.926	6.382	1.162	0.971	2.721	2.118	5.618	1.441
823	OFFICE MACH REPAIR	17	2.412	5.588	3.353	1.941	8.059	1.529	1.000	2.529	2.000	5.118	1.529
824	IND MACH REPAIR	21	2.667	4.952	3.333	2.000	6.857	0.762	0.857	2.476	2.095	5.190	1.048
828	MACHINIST	176	2.494	4.977	3.324	1.795	6.477	1.193	0.881	2.665	2.000	5.119	1.330
831	CABINET MAKER	13	2.462	3.615	3.335	1.846	6.462	1.154	1.308	3.000	2.308	5.308	1.308
832	CARPENTER	55	2.491	4.927	3.055	1.927	6.526	1.055	0.927	2.964	1.491	5.164	1.400
833	METAL TRADES	92	2.576	4.815	3.163	1.913	6.380	1.163	0.859	2.859	1.989	4.848	1.272
834	BRKLYR, MASON, PTR, RFR	62	2.613	4.790	3.129	1.694	6.335	1.145	0.837	2.613	1.969	5.048	1.226
835	PLUMBER, PIPEFTR	72	2.403	4.597	3.250	1.750	6.639	0.972	0.875	2.542	1.847	4.931	1.333
836	HEAVY EQUIP OP	47	2.255	4.468	2.957	2.043	5.596	1.213	0.766	3.000	2.064	5.000	1.340
837	MISC BLDG & CONST	71	2.620	4.930	3.239	2.014	7.000	1.028	0.873	2.789	2.127	5.141	1.338
838	MINING, QURYNG, DRLNG	16	2.250	4.875	2.563	2.000	5.438	0.875	0.875	3.125	2.250	4.750	1.250
841	PILOT	99	3.980	6.384	3.717	2.475	9.303	1.586	1.141	2.576	2.131	5.646	1.798
848	AIR TRAFFIC CONTROLLER	13	4.308	5.769	3.308	2.308	8.462	1.231	1.077	2.385	2.462	5.308	1.615
851	MERCHANT MARINE OCC	10	3.600	5.600	3.600	2.300	9.100	1.400	1.200	2.400	2.200	5.700	1.200
852	RAILROAD OCCS	10	3.300	4.700	3.200	1.900	6.500	0.900	1.000	2.200	1.600	4.900	1.000
853	AUTO, BUS, TRUCK DRVR	85	2.388	4.906	3.118	1.812	5.741	1.000	0.847	2.565	1.518	4.871	1.165
861	PRINTING TRADES	106	2.943	5.255	3.311	1.792	5.725	1.085	0.868	2.321	2.000	5.255	1.481
863	SURVEYOR	27	3.074	5.333	3.407	2.074	7.333	1.444	1.111	2.815	1.926	5.667	1.407
864	DRAFTSMAN	140	2.750	4.993	3.364	1.950	7.171	1.243	0.964	2.464	2.029	5.236	1.386
865	PHOTOGRAPHY	39	3.000	5.641	3.308	2.051	7.462	1.205	0.923	2.077	1.846	5.205	1.872
867	LANDSCAPE ARCHIT	13	3.154	6.231	3.462	2.000	8.000	1.923	1.385	3.000	2.462	6.615	1.769
868	CLTHNG & FASH TRADES	14	2.500	5.214	3.286	1.786	7.236	1.357	1.286	2.286	1.857	5.214	1.357
881	FOOD & BEVERAGE PREP	28	2.607	5.000	3.036	1.893	5.857	1.036	0.786	1.821	1.607	4.214	1.250
885	BUTCHER, MEAT CUTTER	23	2.478	4.696	3.348	1.826	6.261	1.087	0.783	2.696	2.000	4.435	1.261
891	MISC PERSONAL SERVICES	12	2.083	5.583	2.583	1.417	7.083	1.083	1.083	1.833	1.333	4.333	1.167
892	BARBER	41	1.976	4.268	2.927	1.805	5.902	1.024	0.951	2.220	1.439	4.171	1.146
893	HAIRDRESSER	15	1.800	4.400	2.933	1.667	6.467	1.400	0.733	1.533	1.267	4.400	1.133
899	GENERAL LABORER	277	2.390	4.729	3.112	1.931	6.144	1.051	0.816	2.581	1.903	4.895	1.289
	TOTAL	14123	3.239	5.801	3.451	2.176	8.244	1.331	1.048	2.409	2.003	5.662	1.543

TABLE 1.3 (continued)

#	GROUP	N	STANDARD DEVIATIONS INFORMATION TEST II (CONTD.) MILITARY	ACCTG, BUS, SALES	PRACT KNOWL	CLERICAL	BIBLE	COLORS	ETIQUETTE	HUNTING	FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY
			R-138	R-139	R-140	R-141	R-142	R-143	R-144	R-145	R-146	R-147	R-148
559	MUSIC-RELATED (MISC)	15	1.352	1.821	0.632	0.961	4.138	0.799	0.845	1.246	1.121	2.178	0.594
575	THEATRE (OTHER)	23	1.392	1.530	0.590	0.541	3.084	0.790	0.778	1.224	1.105	1.527	0.619
578	RADIO/TV ANNOUNCER	17	1.611	2.029	0.800	0.618	3.281	1.057	0.612	1.616	1.837	1.933	0.556
579	MISC PERF ARTS	12	1.348	1.586	0.622	0.900	3.934	0.798	0.835	1.497	1.165	1.311	0.900
611	ATHLETE	12	0.994	1.506	0.527	0.738	2.908	1.033	0.422	1.252	1.619	1.776	0.707
612	PRO ATHLETICS (AUX)	16	1.642	1.595	0.458	0.799	3.112	0.743	0.640	1.280	1.246	1.598	0.799
621	RECREATION DIR	19	1.166	1.367	0.594	0.758	3.843	0.840	0.840	1.043	1.259	2.175	0.826
623	FRSTRY, HUNT, TRAP	19	1.387	2.052	0.911	0.705	3.125	0.895	0.688	1.124	1.195	1.857	0.496
631	FARM/RANCH OWNER	129	1.352	1.754	0.863	0.823	2.828	0.908	0.674	1.023	1.249	1.520	0.744
639	FARMING (OTHER)	244	1.347	1.677	0.912	0.824	3.168	0.806	0.625	1.111	1.205	1.784	0.717
640	MILITARY (RANK NOT IND)	54	1.510	2.099	0.834	0.910	3.219	0.920	0.714	1.383	1.179	1.753	0.720
641	MILITARY-ENLISTED	13	1.739	1.330	0.725	0.855	2.996	0.494	0.555	1.193	1.188	1.281	0.599
642	MILITARY-OFFICER	123	1.347	1.574	0.526	0.764	2.979	0.991	0.624	1.336	1.251	1.656	0.641
650	INTELLIGENCE-CIA, ETC.	21	1.499	1.384	0.814	0.676	3.064	0.981	0.740	1.091	1.375	1.513	0.717
661	POLICE (PUBLIC)	151	1.565	1.865	0.762	0.856	3.131	0.836	0.627	1.326	1.334	1.611	0.667
666	FIREMAN	41	1.141	1.845	0.807	0.946	2.568	0.872	0.601	1.299	1.492	1.525	0.521
669	OTHER PROTECTIVE	22	1.786	1.786	0.780	0.684	2.497	0.973	0.722	1.177	1.232	1.540	0.767
711A	BANKING & FINANCE, I	63	1.544	1.877	0.572	0.773	3.062	0.883	0.729	1.202	1.162	1.601	0.685
711B	BANKING & FINANCE, II	116	1.456	1.565	0.536	0.767	3.201	0.820	0.685	1.384	1.211	1.364	0.576
712	INVSTMNT, STOCK CONSULT	11	1.690	1.401	0.505	0.786	2.611	1.183	0.647	1.168	1.300	1.104	0.674
716	CPA	283	1.373	1.623	0.608	0.709	3.238	0.885	0.656	1.251	1.361	1.530	0.636
717	ACCTANT (EXC CPA)	262	1.392	1.630	0.624	0.772	2.983	0.932	0.654	1.274	1.151	1.751	0.663
721	PURCHASING AGENT	25	1.443	1.683	0.816	0.663	2.606	0.872	0.526	1.165	1.294	1.528	0.663
722	RETAIL BUYER	22	1.270	1.764	0.477	0.967	3.365	0.795	0.684	1.006	1.309	1.207	0.703
723	EFFICIENCY EXPERT	111	1.528	1.699	0.559	0.711	3.241	0.819	0.652	1.297	1.314	1.540	0.667
724	ADVERTISING	[illegible]	1.075	1.894	0.599	0.832	3.187	0.974	0.656	1.215	1.217	1.377	0.639
725	PUBLIC RELATIONS	[illegible]	1.609	1.779	0.541	0.783	3.490	0.919	0.651	1.413	1.223	1.612	0.624
726	PERSONNEL ADMIN	41	1.479	1.517	0.651	0.768	3.119	0.953	0.681	1.415	1.282	1.661	0.632
727	APPRAISING, ESTIMATING	35	1.225	1.724	0.654	0.747	2.723	0.887	0.683	1.352	1.237	1.410	0.639
728	LOAN/CREDIT INVESTIG	20	1.352	1.897	0.568	0.761	3.338	1.013	0.680	1.154	1.633	2.098	0.632
730	BUS MGMT ADM (NEC)	511	1.399	1.821	0.618	0.759	3.266	0.930	0.670	1.237	1.265	1.579	0.671
731	MFG MGMT	95	1.381	1.796	0.566	0.762	3.226	0.908	0.738	1.128	1.433	1.562	0.618
732	WHSL/RET TRADE MGMT/MKTG	19	1.478	1.861	0.643	0.769	3.250	0.889	0.718	1.274	1.141	1.541	0.600
738	SUPERVISOR IN BUS	37	1.560	1.906	0.779	0.838	3.240	0.855	0.649	1.293	1.230	1.675	0.647
741	SLSCLERK	23	1.364	1.756	0.793	0.793	3.459	1.085	0.548	1.308	1.259	1.243	0.541
742	RTEMAN (MILK, LAUNDRY, ETC)	12	1.337	1.929	0.718	0.965	3.519	0.793	0.603	1.240	1.379	1.379	0.754
743	STOCKBROKER	23	1.650	1.474	0.662	0.934	3.203	0.915	0.793	1.158	1.254	1.382	0.694
745	REAL ESTATE SLSMAN	26	1.297	1.899	0.647	0.891	3.597	0.758	0.688	1.263	1.728	1.880	0.905
746	INSURANCE SLSMAN	61	1.322	1.877	0.811	0.834	3.332	0.958	0.666	1.221	1.409	1.485	0.673
747	AUTO SLSMAN	22	1.241	1.670	0.671	0.883	3.197	0.664	0.774	1.133	1.133	1.602	0.598
748	OTHER SLSMAN (NEC)	252	1.449	1.839	0.662	0.786	3.065	0.922	0.674	1.287	1.232	1.587	0.700
749	SALES MGR	73	1.355	1.853	0.571	0.821	3.035	0.972	0.687	1.243	1.129	1.536	0.579
751	BOOKKEEPER	17	1.317	1.838	0.699	0.707	2.111	0.707	0.516	1.247	1.947	1.912	0.675
755	MISC ACCT RECDG	27	1.295	2.066	0.641	0.786	2.452	0.934	0.649	1.330	1.149	1.255	0.509
758	COMPUTER OPERATOR	73	1.420	1.455	0.690	0.805	3.390	0.835	0.619	1.273	1.228	1.733	0.662
769	CLERK (MISC)	24	1.517	2.185	0.929	0.885	3.599	0.690	0.565	1.367	1.367	1.865	0.658
772	OFFICE MGR	28	1.515	1.533	0.897	0.637	3.735	0.956	0.744	1.188	1.232	1.774	0.576
789	OTHER "PUB CONT" OCCS	14	1.490	1.774	0.994	0.975	4.413	1.016	0.770	1.240	1.460	1.657	0.650
791	RADIO, TELEGR, TTY OP	14	1.027	1.401	0.802	0.633	2.763	0.579	0.663	1.216	1.301	1.684	0.650
797	MISC CLERICAL	112	1.591	2.122	0.774	0.782	2.953	0.877	0.628	1.284	1.258	1.736	0.745
798	MISC ADMINISTRATIVE	34	1.409	1.568	0.647	0.751	3.803	0.942	0.606	1.084	1.302	1.731	0.582
810	ELECTRICIAN	168	1.411	1.825	0.764	0.865	3.125	0.829	0.664	1.195	1.290	1.601	0.655
811	ELECTRONIC TECHNICIAN	212	1.498	1.838	0.782	0.853	3.262	0.633	0.638	1.185	1.403	1.639	0.685
812	APPLIANCE REPAIR	66	1.508	1.620	0.805	0.771	2.500	0.796	0.651	1.254	1.034	1.995	0.786
813	PHONE INSTALL & REPAIR	43	1.483	1.953	0.756	0.889	2.573	0.774	0.615	1.450	1.273	1.587	0.677
814	REPAIR & SERV COMP	32	1.594	1.718	0.621	0.871	2.797	0.821	0.707	1.045	1.401	1.839	0.669
820	MECHANIC (NEC)	116	1.394	1.880	0.823	0.809	2.914	0.897	0.672	1.273	1.203	1.903	0.702
821	AUTO MECHANIC	74	1.377	1.968	0.968	0.876	3.184	0.906	0.652	1.240	1.247	1.656	0.760
822	AIRPLANE MECHANIC	68	1.469	1.607	0.785	0.834	2.770	0.784	0.712	1.220	1.140	1.555	0.699
823	OFFICE MACH REPAIR	17	1.460	1.460	0.606	0.899	3.092	0.943	0.935	1.463	1.118	1.933	0.874
824	IND MACH REPAIR	21	1.390	1.774	0.730	0.837	3.260	0.889	0.655	1.401	1.411	1.601	0.669
828	MACHINIST	176	1.402	1.830	0.765	0.951	3.003	0.860	0.661	1.231	1.287	1.698	0.654
831	CABINET MAKER	13	1.450	1.981	0.768	1.068	2.634	0.987	0.630	1.472	1.437	1.316	0.480
832	CARPENTER	55	1.230	1.741	0.803	0.900	2.700	0.870	0.742	1.232	1.169	1.642	0.710
833	METAL TRADES	92	1.353	1.716	0.829	0.821	2.938	0.829	0.622	1.075	1.114	1.568	0.743
834	BRKLYR, MASON, PTR, RFR	62	1.582	1.917	0.713	0.916	2.769	0.865	0.727	1.092	1.187	1.894	0.711
835	PLUMBER, PIPEFTR	72	1.229	1.709	0.783	0.868	2.723	0.731	0.685	1.299	1.252	1.739	0.650
836	HEAVY EQUIP OP	47	1.496	1.863	0.908	0.955	3.201	0.931	0.633	1.063	1.150	1.794	0.635
837	MISC BLDG & CONST	71	1.525	1.966	0.706	0.837	3.406	0.910	0.695	1.218	1.218	1.892	0.774
838	MINING, QURYNG, DRLNG	16	1.183	1.928	1.153	0.816	2.732	0.719	0.719	0.957	0.931	1.770	0.683
841	PILOT	94	1.532	1.760	0.496	0.660	3.173	0.958	0.742	1.326	1.201	1.573	0.622
848	AIR TRAFFIC CONTROLLER	13	1.437	2.048	0.751	0.630	2.602	0.725	0.862	1.557	1.450	1.932	0.650
851	MERCHANT MARINE OCC	10	1.265	2.271	0.966	0.675	4.040	1.174	0.632	0.966	1.317	2.003	0.632
852	RAILROAD OCCS	10	1.418	2.163	0.919	0.738	3.064	0.994	0.816	1.751	1.174	1.792	0.816
853	AUTO, BUS, TRUCK DRVR	85	1.364	1.931	0.905	0.866	2.957	0.724	0.588	1.459	1.347	1.717	0.721
861	PRINTING TRADES	106	1.386	1.867	0.735	0.777	2.717	0.841	0.705	1.299	1.272	1.562	0.651
863	SURVEYOR	27	1.385	1.710	0.844	0.781	2.774	0.892	0.506	1.210	1.492	2.112	0.636
864	DRAFTSMAN	140	1.347	1.625	0.691	0.825	3.135	0.905	0.628	1.172	1.373	1.765	0.674
865	PHOTOGRAPHY	39	1.214	1.871	1.004	0.972	3.402	0.833	0.664	1.285	1.204	1.989	0.833
867	LANDSCAPE ARCHIT	13	0.689	1.301	0.519	0.707	2.944	1.115	0.506	0.913	1.198	1.502	0.599
868	CLTHNG & FASH TRADES	14	1.401	1.805	0.914	1.051	3.646	1.008	0.469	1.204	1.027	1.369	0.745
881	FOOD & BEVERAGE PREP	28	1.707	1.944	0.962	0.737	2.798	0.881	0.686	1.307	1.227	1.792	0.799
885	BUTCHER, MEAT CUTTER	23	1.310	1.869	0.647	1.072	3.033	0.900	0.600	1.020	1.168	1.532	0.689
891	MISC PERSONAL SERVICES	12	1.782	2.392	1.164	0.900	4.055	0.669	0.669	1.267	1.231	2.125	0.718
892	BARBER	41	1.387	1.467	0.959	0.928	2.548	0.851	0.669	1.194	1.097	1.482	0.654
893	HAIRDRESSER	15	1.207	1.920	0.884	0.816	3.681	0.910	0.704	1.302	0.961	2.384	0.516
899	GENERAL LABORER	277	1.316	1.790	0.908	0.859	2.808	0.810	0.691	1.230	1.210	1.707	0.689
	TOTAL	14123	1.484	1.909	0.729	0.815	3.417	0.921	0.684	1.288	1.309	1.700	0.698

TABLE 1.3 (continued)

			MEANS										
			INFORMATION TEST II (CONTD.)								ENGLISH TEST		
#	GROUP	N	GAMES (SEDEN)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS	DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION
			R-149	R-150	R-151	R-152	R-162	R-211	R-212	R-220	R-231	R-232	R-233
000	NO ANSWER	1312	2.607	4.592	1.405	5.344	6.577	8.379	11.401	16.039	9.743	29.723	18.211
001	DON'T KNOW	453	2.504	4.427	1.326	5.137	6.472	8.689	11.238	15.826	9.656	29.643	17.473
101	EXECUTIVE (NEC)	43	2.512	5.070	1.721	5.721	7.349	9.000	12.437	17.930	11.116	29.731	17.694
102	FOREMAN (NEC)	42	2.143	4.383	1.255	4.736	6.449	8.816	10.394	15.776	8.551	29.204	15.755
111	WORK FOR GOVT (NEC)	52	2.731	4.942	1.553	5.673	6.558	7.446	11.481	17.212	10.115	29.519	17.827
112	IN BUS FOR SELF (NEC)	274	2.555	4.471	1.514	5.129	6.579	8.824	11.414	15.960	9.144	29.629	17.421
120	IND, BUS, COMM (NEC)	141	2.709	4.489	1.369	5.092	6.426	9.000	11.688	15.894	9.738	29.603	18.057
121	RETAIL (NEC)	33	2.485	4.273	1.303	5.061	6.939	8.424	10.667	15.818	9.879	30.424	17.970
122	TRANSPORTATION (NEC)	27	2.148	4.667	1.556	5.185	7.074	8.815	10.481	15.074	9.778	29.519	16.037
123	REAL ESTATE (NEC)	17	2.647	4.588	1.941	5.529	7.059	9.706	11.882	18.235	10.294	29.647	18.176
124	INSURANCE (NEC)	35	2.771	4.914	1.600	5.714	6.943	8.057	11.657	17.629	9.943	29.257	17.286
125	ELECTRONICS (NEC)	155	2.469	4.379	1.154	5.192	6.795	8.058	11.346	15.853	9.609	29.667	17.936
150	RESEARCH (NEC)	9	2.889	5.556	1.556	6.000	6.567	9.567	13.222	19.444	10.556	30.889	23.222
211	MATH, STAT	46	3.304	5.609	1.537	6.478	8.065	9.304	14.761	19.761	11.717	31.391	23.609
212	OTHER STATISTICS	14	3.286	5.643	2.429	6.643	8.500	8.286	15.429	19.357	11.571	32.143	23.643
221	SYSTEMS ANALYST	42	3.119	5.119	1.786	6.357	7.643	9.833	14.833	19.976	11.857	31.167	21.476
222	COMPUTER PROGRAMMER	121	3.041	5.380	1.570	6.074	7.693	9.207	13.074	18.455	10.388	30.733	20.091
229	COMPUTER SPEC (NEC)	20	3.300	5.450	1.750	6.300	7.500	9.550	14.050	20.450	10.850	31.350	22.900
230	PHYSICAL SCI (NEC)	18	3.500	5.500	1.889	6.333	7.167	9.278	14.944	20.389	11.611	31.222	20.889
231	CHEMIST	81	3.457	5.753	1.926	6.457	7.975	9.790	14.469	19.765	10.778	31.160	21.111
232	PHYSICIST	64	3.266	5.406	1.719	7.141	8.063	9.922	14.141	19.313	11.063	31.063	22.031
234	GEOLOGIST	17	3.294	5.588	1.765	6.235	8.000	8.529	12.647	18.824	9.647	30.176	22.471
235	METEOROLOGIST	10	3.300	5.900	1.400	6.600	7.000	10.400	14.300	21.900	12.000	31.900	22.500
240	ENGINEER (NEC)	167	3.072	5.509	1.689	6.455	7.844	9.485	14.653	19.162	10.515	30.958	21.353
241	CIVIL ENGINEER	105	3.152	5.114	1.495	6.076	7.562	9.267	14.114	19.000	10.543	30.781	21.076
242	ELECTRICAL ENGINEER	243	3.325	5.416	1.654	6.716	7.720	9.831	14.243	19.235	10.745	30.667	21.514
243	MECH ENGINEER	143	3.098	5.371	1.608	6.503	7.748	9.350	13.203	19.014	10.839	30.930	21.098
244	AERONAUTICAL ENG	37	2.811	5.351	1.676	6.162	7.757	9.297	11.865	13.703	10.730	31.054	21.568
245	CHEM ENGINEER	58	3.414	5.552	1.931	6.690	8.155	9.569	16.966	20.414	11.862	31.483	22.810
250	ARCHITECT	58	3.155	5.379	1.931	6.103	7.741	9.741	13.948	19.259	10.397	31.069	21.034
299	PHYS SCI, LAB TECH	78	2.938	4.679	1.397	5.487	7.000	8.459	12.949	18.397	9.564	30.423	18.436
310	BIOLOGIST, ZOOLOGIST	32	3.219	5.813	2.031	6.344	8.031	10.188	13.438	19.500	11.375	31.313	20.625
313	SPEC IN AGRIC SCI	35	2.800	4.429	1.257	5.343	6.943	9.171	11.829	15.514	9.686	29.629	19.371
314	WLDLF/FOREST SPEC	49	2.755	4.551	1.388	5.449	7.265	11.000	12.612	15.837	10.796	30.673	19.490
316	MICROBIOLOGIST	15	2.933	5.800	1.733	6.933	8.133	9.533	11.733	17.333	11.467	30.867	23.333
317	BIOCHEMIST	9	3.667	5.667	1.389	6.111	7.333	11.222	14.778	20.444	10.889	31.667	22.222
322	MD-SURGEON	14	3.357	5.857	2.286	6.786	8.143	9.071	14.214	21.643	11.643	31.429	23.000
329	MD-OTHER	224	3.467	5.934	2.424	6.969	8.132	9.677	14.188	21.834	12.170	31.437	22.511
332	DENTIST	97	3.082	5.309	2.021	6.577	7.557	9.278	14.670	19.959	11.041	30.363	21.072
333	VETERINARIAN	20	3.050	5.050	1.750	6.450	7.550	8.850	13.300	17.000	9.650	30.850	20.450
343	PHYS THERAPIST	11	2.273	4.636	1.545	6.273	6.364	9.182	11.818	15.909	8.091	29.364	18.455
347	MED/DENT TECHNOL	16	2.438	4.563	1.250	5.750	7.125	8.375	11.938	16.500	9.125	29.688	17.500
348	MED/DENT TECHNICIAN	27	2.741	4.352	1.296	5.667	6.667	8.444	10.963	15.481	8.667	29.963	17.926
350	HOSPITAL ADMIN	11	2.909	5.364	1.727	6.818	7.545	9.273	12.818	20.545	12.000	31.000	23.364
335	PHARMACIST	91	2.769	5.198	1.736	6.000	7.462	9.165	13.308	18.681	10.066	30.505	18.593
360	PSYCHOLOGIST	109	3.349	5.972	2.109	6.606	8.000	9.341	14.397	20.936	11.647	31.349	21.532
370	SOCIAL WORKER	60	2.833	5.200	1.800	5.833	7.450	8.950	13.567	19.367	10.450	29.400	18.450
371	PSYCHIATRIC SOC WRKR	9	2.667	5.667	1.778	6.000	7.000	8.556	16.889	15.778	11.333	31.222	19.444
372	COUNSELING/GUIDANCE	12	3.000	4.833	1.417	5.250	6.333	8.667	11.500	20.583	10.167	30.333	18.750
373	VOC/ED GUIDANCE	23	2.870	5.000	1.652	6.783	6.783	9.174	12.261	19.435	10.913	29.565	18.478
382	ECONOMIST	23	3.435	5.913	2.174	6.478	8.000	9.348	12.957	21.000	11.435	31.130	20.478
389	SOCIAL SCI (MISC)	21	2.952	5.429	1.762	6.381	7.238	9.286	14.333	18.857	11.381	30.143	19.286
392	DIPLOMAT	22	3.227	6.091	2.227	6.455	7.455	9.773	16.409	23.182	11.955	29.500	21.955
393	LAWYER	303	3.239	5.921	2.150	6.441	7.358	9.013	14.399	23.277	11.300	30.967	21.145
394	MARKET ANALYST	10	3.100	6.200	2.200	6.800	7.300	10.200	13.200	21.000	12.100	31.100	20.600
398	CITY PLANNER (NEC)	12	3.000	6.417	2.500	6.667	8.250	8.917	14.583	22.500	11.500	31.167	21.250
400	TEACHER (NEC)	423	2.792	5.118	1.563	5.745	7.175	9.039	12.090	17.816	10.459	30.465	19.180
412	TEACHER-ELEM	45	2.489	4.889	1.549	5.289	6.489	8.489	12.311	18.089	9.444	30.333	18.667
420	TEACHER-HS (NEC)	69	2.696	5.101	1.551	5.725	7.232	9.116	13.246	19.362	10.913	30.739	19.797
421	TEACHER-HS MATH	62	2.871	4.774	1.258	5.871	7.113	9.371	13.403	17.597	10.468	30.452	20.758
422	TEACHER-HS SCI	50	3.000	5.400	1.540	6.200	7.620	9.620	12.440	18.880	11.040	30.120	20.680
423	TEACHER-HS SOC ST	94	2.862	5.585	1.713	6.064	7.426	9.287	13.691	18.213	10.745	30.543	19.681
424	TEACHER-ENGLISH	45	3.067	5.933	2.467	6.089	7.667	9.756	15.556	21.022	11.978	30.733	21.889
425	TEACHER-FOREIGN LANG	10	2.900	5.200	1.900	5.800	7.100	9.500	14.200	19.100	12.200	30.600	21.500
426	TEACHER-COMM ED	16	2.500	5.125	1.188	5.438	7.250	9.188	11.000	13.313	10.125	31.375	19.000
428	TEACHER-TRADES	45	2.156	4.578	1.400	5.311	6.533	9.533	12.333	14.244	9.311	30.489	19.444
429	TEACHER-PHYS ED	57	2.825	4.982	1.298	5.544	6.632	8.526	11.702	17.035	9.609	30.333	17.265
431	TEACHER-ART	15	2.667	5.333	1.667	5.867	7.333	8.733	12.733	16.667	9.733	29.200	14.000
432	TEACHER-MUSIC	38	3.132	5.737	1.763	5.711	7.526	8.632	12.289	20.526	11.132	30.711	20.447
440	TEACHER-HANDICAPPED	18	2.778	5.833	1.889	6.222	7.667	9.722	14.444	18.556	11.389	31.444	20.778
450	SCHOOL ADMIN (EXC COLL)	43	2.698	5.256	1.488	5.395	7.372	9.256	12.860	17.651	10.535	30.791	19.442
460	COLL/UNIV TCHR (NEC)	172	3.151	5.844	2.112	6.453	7.355	9.721	15.453	21.838	11.927	31.359	22.244
461	COLL/UNIV TCHR-MATH	28	3.964	5.929	1.750	6.929	6.286	10.821	17.214	22.429	12.536	31.786	23.393
462	COLL/UNIV TCHR-SCI	68	3.368	5.588	2.015	6.765	7.250	9.765	14.397	20.176	11.309	30.926	21.441
463	COLL/UNIV TCHR-SOC SCI	85	3.247	6.212	2.094	6.565	8.012	9.624	15.365	20.635	11.812	31.494	22.059
464	COLL/UNIV TCHR-ENGLISH	57	3.667	6.807	2.246	6.842	8.281	9.368	16.018	23.579	12.140	31.719	23.456
465	COLL/UNIV TCHR-FOR LANG	15	2.867	6.133	2.267	7.067	9.067	9.533	17.867	23.133	12.933	31.467	24.133
521	CLERGYMAN	176	2.847	5.358	1.813	6.250	7.443	9.665	14.818	18.727	11.256	31.102	21.352
522	MONK, BROTHER, NUN	16	2.688	5.500	1.875	6.063	7.188	9.250	13.875	18.063	10.563	31.500	20.563
523	RELIG WRKR (OTHER)	14	3.071	4.500	1.071	5.571	7.286	8.357	11.714	17.500	10.143	31.214	20.857
531	WRITER (NEC)	24	2.583	5.750	1.667	6.792	7.625	9.042	14.792	20.333	11.208	30.750	21.000
534	JRNLIST/REPRTER	43	3.093	6.023	1.837	6.628	7.093	9.163	14.256	22.000	11.837	31.023	21.512
539	TRNSLTR, INTRPRTR, LINGST	9	3.000	5.222	2.111	6.556	7.778	8.778	18.444	22.667	13.111	31.111	21.111
541	FINE ARTS	16	3.063	5.875	1.813	6.125	7.250	9.313	14.125	19.250	11.563	30.688	20.250
545	COMM ARTIST	48	2.438	5.083	1.688	5.563	6.833	8.750	12.417	17.208	9.563	29.396	17.333
547	DESIGNER (CONS GDS)	28	2.143	5.143	1.857	5.786	7.214	9.286	12.500	18.857	9.714	30.536	18.964
551	MUSICIAN	24	3.042	5.958	1.583	6.417	7.208	8.792	13.292	20.500	11.042	30.542	20.500

TABLE 1.3 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST II (CONTD.)									ENGLISH TEST	
			GAMES (SEDEN)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS	DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION
			R-149	R-150	R-151	R-152	R-162	R-211	R-212	R-220	R-231	R-232	R-233
000	NO ANSWER	1512	1.171	1.786	1.070	1.801	2.029	2.960	5.293	7.142	2.982	3.225	4.358
001	DON'T KNOW	903	1.183	1.758	1.061	1.757	2.029	2.896	5.125	7.171	2.943	3.653	4.411
101	EXECUTIVE (NEC)	47	1.203	1.454	0.934	1.351	1.510	2.420	5.089	5.696	2.342	1.552	4.109
102	FOREMAN (NEC)	49	1.190	1.592	0.995	1.693	2.001	3.333	5.894	6.394	2.747	4.228	4.428
111	WORK FOR GOVT (NEC)	52	1.173	1.873	1.178	1.712	2.062	2.993	5.697	8.008	2.406	3.364	4.809
112	IN BUS FOR SELF (NEC)	274	1.151	1.653	1.091	1.709	1.950	3.182	5.222	7.077	2.843	3.424	4.354
120	IND, BUS, COMM (NEC)	141	1.144	1.676	1.017	1.867	1.968	2.990	5.428	7.068	2.690	3.964	4.337
121	RETAIL (NEC)	33	1.149	1.808	1.015	1.478	1.444	2.927	5.829	5.790	2.934	1.659	3.504
122	TRANSPORTATION (NEC)	27	1.167	1.359	1.188	1.272	1.838	3.317	5.265	6.275	3.093	6.148	5.585
123	REAL ESTATE (NEC)	17	1.272	2.123	1.345	1.546	2.015	2.568	4.343	6.160	2.201	1.998	4.142
124	INSURANCE (NEC)	35	1.190	1.222	1.006	1.319	1.697	2.086	5.190	5.163	3.199	5.700	4.663
125	ELECTRONICS (NEC)	156	1.098	1.542	0.931	1.666	1.804	3.213	4.647	6.929	2.863	3.226	3.809
150	RESEARCH (NEC)	9	1.616	2.007	1.424	2.000	2.121	2.550	5.380	8.048	3.644	0.929	3.193
211	MATH, STAT	46	1.072	1.437	1.107	1.455	0.904	2.786	4.478	5.964	1.809	1.291	2.436
212	OTHER STATISTICS	14	1.326	1.550	0.852	1.151	1.359	2.946	5.840	7.662	2.821	0.864	2.898
221	SYSTEMS ANALYST	42	1.064	1.626	1.071	1.620	1.580	2.938	5.868	6.620	2.312	1.860	4.718
222	COMPUTER PROGRAMMER	121	1.121	1.439	1.094	1.561	1.478	2.802	5.407	7.455	2.688	1.565	4.080
229	COMPUTER SPEC (NEC)	22	1.342	1.468	1.164	1.302	1.051	2.564	4.883	5.605	2.007	1.387	2.918
230	PHYSICAL SCI (NEC)	13	1.425	1.618	1.323	2.657	2.771	2.967	4.746	6.572	2.615	1.309	3.579
231	CHEMIST	21	1.162	1.462	1.022	1.450	1.313	2.705	5.792	6.506	2.784	1.771	3.674
232	PHYSICIST	64	1.238	1.815	1.105	1.446	1.271	2.540	5.213	6.838	2.500	1.500	3.612
234	GEOLOGIST	17	1.047	1.734	0.831	1.562	1.118	2.095	5.303	5.887	2.234	1.976	3.262
235	METEOROLOGIST	11	1.337	1.370	0.699	1.354	1.229	2.119	4.620	5.934	2.000	0.876	2.224
240	ENGINEER (NEC)	167	1.175	1.567	0.931	1.516	1.256	3.110	5.784	6.069	2.568	2.814	3.853
241	CIVIL ENGINEER	105	1.150	1.534	1.066	1.426	1.300	3.039	5.100	6.223	2.876	1.593	3.466
242	ELECTRICAL ENGINEER	263	1.149	1.464	1.018	1.600	1.303	2.882	5.622	6.649	2.552	3.025	3.322
243	MECH ENGINEER	143	1.280	1.555	1.042	1.399	1.303	2.922	4.926	6.153	2.775	2.085	3.084
244	AERONAUTICAL ENG	37	1.175	1.620	1.029	1.573	1.300	2.924	5.006	6.972	3.181	1.311	3.023
245	CHEM ENGINEER	69	1.155	1.465	0.915	0.995	0.951	2.872	5.572	5.852	2.417	1.367	2.711
250	ARCHITECT	53	1.105	1.412	1.041	1.492	1.319	3.087	5.605	5.916	2.492	1.599	3.184
299	PHYS SCI, LAB TECH	71	1.117	1.419	1.024	1.610	1.707	2.537	5.405	6.368	3.098	1.710	4.050
310	BIOLOGIST, ZOOLOGIST	33	1.070	1.424	1.121	1.558	1.282	2.945	4.918	6.589	2.826	1.256	3.315
313	SPEC IN AGRIC SCI	18	1.183	1.092	0.886	1.392	1.571	2.572	5.038	6.697	3.538	5.208	2.777
314	WLDLF/FOREST SPEC	49	1.128	1.370	1.096	1.634	1.552	2.638	5.545	5.253	2.458	2.105	3.373
316	MICROBIOLOGIST	15	1.223	1.656	0.704	1.668	0.915	3.292	5.946	6.532	1.959	1.060	3.200
317	BIOCHEMIST	9	1.414	1.803	1.269	2.934	2.121	2.906	5.518	7.055	2.804	1.000	3.193
322	MD-SURGEON	14	1.082	1.657	0.825	1.188	1.231	3.222	5.191	7.459	2.468	1.399	2.481
329	MD-OTHER	229	1.153	1.504	1.051	1.196	0.968	3.075	5.014	5.786	2.097	1.218	3.183
332	DENTIST	97	1.115	1.616	1.031	1.345	1.493	2.805	5.575	5.988	2.323	1.673	3.063
333	VETERINARIAN	22	1.317	1.849	1.293	1.466	1.395	3.216	6.225	6.026	3.200	1.725	3.859
343	PHYS THERAPIST	11	1.009	2.292	1.293	1.902	2.420	3.157	5.671	6.441	2.300	3.355	3.012
347	MED/DENT TECHNOL	16	0.964	2.065	1.065	1.193	1.893	2.802	6.027	6.143	3.030	1.662	4.321
348	MED/DENT TECHNICIAN	27	1.196	1.748	0.953	1.519	1.797	2.607	5.170	6.710	2.774	1.971	4.196
350	HOSPITAL ADMIN	11	0.701	2.014	1.489	1.888	1.572	3.663	5.793	7.488	2.408	1.612	4.273
335	PHARMACIST	21	1.076	1.593	1.084	1.571	1.515	3.160	5.272	6.112	2.666	3.443	3.750
360	PSYCHOLOGIST	126	1.265	1.552	1.037	1.392	1.087	2.798	5.282	6.533	2.415	1.295	3.139
370	SOCIAL WORKER	[illegible]	0.977	1.725	1.117	1.596	1.371	3.063	5.153	6.276	3.132	4.591	4.753
371	PSYCHIATRIC SOC WRKR	[illegible]	1.414	1.581	1.202	1.000	1.414	3.575	3.757	5.263	2.550	1.716	4.885
372	COUNSELING/GUIDANCE	13	1.279	1.801	1.165	2.050	2.348	3.025	4.908	5.977	2.623	2.348	3.841
373	VOC/ED GUIDANCE	21	1.180	2.153	1.229	1.953	1.565	3.172	4.864	6.542	2.592	6.178	2.609
382	ECONOMIST	23	1.308	1.474	1.114	1.163	1.087	3.406	5.398	4.681	2.660	1.604	3.964
389	SOCIAL SCI (MISC)	21	1.024	1.660	1.091	1.884	1.300	2.432	5.462	7.889	1.987	1.852	4.039
392	DIPLOMAT	22	1.110	1.571	1.152	1.224	1.184	2.448	5.729	5.491	2.609	6.552	3.860
393	LAWYER	393	1.147	1.509	1.051	1.359	1.212	2.949	5.479	6.161	2.764	3.087	3.746
394	MARKET ANALYST	10	1.287	1.229	0.789	1.317	1.252	3.048	6.763	5.395	2.025	1.792	3.062
398	CITY PLANNER (NEC)	13	1.206	1.443	0.798	0.888	1.138	2.746	6.501	5.649	3.119	1.528	4.115
400	TEACHER (NEC)	423	1.152	1.703	1.108	1.670	1.611	2.905	5.044	6.767	2.658	2.971	3.747
412	TEACHER-ELEM	45	1.036	1.481	1.041	1.804	2.139	3.231	5.850	7.308	2.912	1.555	2.772
420	TEACHER-HS (NEC)	69	1.275	1.554	1.145	1.617	1.619	2.758	5.348	7.238	2.472	1.771	3.744
421	TEACHER-HS MATH	42	1.109	1.778	1.100	1.542	1.848	2.613	5.770	5.899	2.186	1.360	3.181
422	TEACHER-HS SCI	50	1.143	1.325	1.073	1.512	1.457	2.871	4.357	5.903	2.554	4.543	3.152
423	TEACHER-HS SOC ST	34	1.170	1.506	1.123	1.302	1.433	2.642	5.503	6.340	2.771	1.853	3.634
424	TEACHER-ENGLISH	45	1.095	1.750	0.991	1.505	1.279	2.604	5.790	5.203	1.877	3.208	2.707
425	TEACHER-FOREIGN LANG	13	0.994	1.398	0.994	1.619	1.663	2.461	3.293	7.578	2.348	1.265	2.321
426	TEACHER-COMM ED	14	1.095	1.544	0.750	1.315	1.390	2.228	4.546	5.425	2.872	1.408	3.347
428	TEACHER-TRADES	45	1.086	1.454	0.915	1.690	2.026	2.768	5.205	6.502	2.787	1.950	3.596
429	TEACHER-PHYS ED	67	0.848	1.395	1.034	1.637	1.789	3.146	4.637	6.030	3.077	2.621	3.808
431	TEACHER-ART	15	0.816	1.839	1.345	1.767	1.496	2.492	4.682	6.863	2.093	2.274	4.293
432	TEACHER-MUSIC	35	1.070	1.703	1.195	1.691	1.268	3.233	4.644	5.525	2.002	1.675	3.739
440	TEACHER-HANDICAPPED	13	1.060	1.618	1.231	1.479	1.414	3.478	4.527	5.586	2.953	1.247	2.264
450	SCHOOL ADMIN (EXC COLL)	42	1.282	1.605	1.121	1.433	1.448	3.079	5.106	6.406	2.594	1.897	3.326
460	COLL/UNIV TCHR (NEC)	179	1.270	1.568	1.080	1.462	1.210	2.872	5.680	5.211	2.702	1.326	3.202
461	COLL/UNIV TCHR-MATH	29	0.793	1.676	1.076	1.274	0.763	2.709	4.475	5.587	2.260	1.228	1.912
462	COLL/UNIV TCHR-SCI	68	1.118	1.468	0.954	1.457	1.152	2.672	5.158	6.294	2.846	4.053	4.177
463	COLL/UNIV TCHR-SOC SCI	85	1.122	1.432	1.064	1.313	1.107	3.162	5.134	6.394	2.437	1.042	2.989
464	COLL/UNIV TCHR-ENGLISH	57	1.091	1.093	1.123	1.279	0.978	2.616	5.020	4.931	2.302	1.278	2.592
465	COLL/UNIV TCHR-FOR LANG	15	0.990	1.125	0.704	1.100	0.884	2.696	2.669	5.012	2.154	0.915	1.922
521	CLERGYMAN	175	1.262	1.643	1.060	1.514	1.559	2.828	5.317	6.336	2.704	2.747	4.202
522	MONK, BROTHER, NUN	16	1.493	1.633	1.147	1.692	1.109	2.887	5.702	7.853	2.220	1.506	4.442
523	RELIG WRKR (OTHER)	14	1.439	1.019	0.730	1.399	1.139	3.895	4.811	7.460	2.179	1.122	3.959
531	WRITER (NEC)	24	1.248	1.567	1.204	1.532	1.096	2.866	6.171	7.251	3.270	1.391	3.375
534	JRNLIST/REPRTER	44	1.065	1.354	0.949	1.543	1.091	2.785	5.551	5.707	2.581	1.766	3.195
539	TRNSLTR, INTRPRTR, LINGST	9	1.500	1.787	0.782	2.068	1.481	3.930	6.598	7.089	1.764	1.692	3.551
541	FINE ARTS	15	1.063	1.204	1.276	1.586	2.266	2.626	6.652	7.425	2.421	1.352	4.187
545	COMM ARTIST	49	1.128	1.760	0.949	1.761	1.693	2.979	5.107	6.998	3.010	2.224	3.681
547	DESIGNER (CONS GDS)	29	1.380	1.297	1.208	1.197	1.813	2.813	6.339	5.842	2.878	1.732	3.727
551	MUSICIAN	24	1.160	1.732	1.139	1.530	1.978	2.766	6.293	7.132	3.085	2.395	4.043

TABLE 1.3 (continued)

#	GROUP	N	MEANS										
			INFORMATION TEST II (CONTD.)								ENGLISH TEST		
			GAMES (SEDEN)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS	DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION
			R-149	R-150	R-151	R-152	R-162	R-211	R-212	R-220	R-231	R-232	R-233
559	MUSIC-RELATED (MISC)	15	3.133	6.133	1.933	5.933	7.267	9.533	12.200	22.467	10.067	30.200	20.333
575	THEATRE (OTHER)	23	3.304	6.174	2.130	6.522	9.043	9.043	14.348	20.826	11.478	30.870	20.826
578	RADIO/TV ANNOUNCER	17	2.824	5.824	1.529	6.176	7.294	9.471	12.000	20.412	10.706	30.941	20.412
579	MISC PERF ARTS	12	2.917	5.500	1.750	5.667	7.583	9.333	9.250	14.750	9.917	29.750	19.083
611	ATHLETE	10	2.800	5.000	2.000	5.600	7.100	9.900	12.900	18.900	10.700	30.300	16.300
612	PRO ATHLETICS (AUX)	15	2.600	4.400	1.333	4.800	6.200	7.600	11.067	16.067	9.733	30.267	18.800
621	RECREATION DIR	18	2.278	4.444	1.167	5.000	5.833	8.833	10.944	14.389	9.278	30.667	17.944
623	FRSTRY, HUNT, TRAP	19	2.105	3.947	0.842	5.263	6.263	8.895	12.158	13.684	8.632	28.368	17.632
631	FARM/RANCH OWNER	128	2.102	3.563	0.742	4.445	5.528	8.695	10.156	13.680	9.016	28.406	15.797
639	FARMING (OTHER)	244	1.971	3.512	0.932	4.168	5.512	8.430	10.336	12.496	8.721	28.230	15.977
640	MILITARY (RANK NOT IND)	54	2.574	4.611	1.296	5.259	7.000	8.833	11.796	15.611	9.500	28.981	17.407
641	MILITARY-ENLISTED	13	2.231	3.615	0.846	4.923	5.846	10.462	10.385	15.000	8.615	29.462	15.769
642	MILITARY-OFFICER	108	2.991	5.426	1.695	6.481	7.706	9.444	13.991	19.204	10.019	31.333	21.037
650	INTELLIGENCE-CIA, ETC.	21	2.762	5.190	1.714	6.048	7.571	10.381	13.190	17.048	9.952	30.333	19.714
661	POLICE (PUBLIC)	151	2.497	4.523	1.417	5.232	6.722	8.543	10.762	16.550	8.583	29.430	16.755
666	FIREMAN	41	2.341	4.707	1.366	4.805	6.512	7.829	9.293	14.585	8.537	29.073	15.049
669	OTHER PROTECTIVE	22	2.455	4.500	1.409	5.182	6.045	9.364	11.455	16.409	9.455	29.773	15.091
711A	BANKING & FINANCE, I	63	2.635	4.587	1.270	4.957	6.667	9.603	11.254	17.095	9.032	29.365	13.984
711B	BANKING & FINANCE, II	116	2.905	5.155	1.336	5.767	7.121	9.172	12.328	18.698	10.948	30.655	20.422
712	INVSTMNT, STOCK CONSULT	11	3.636	5.273	1.909	5.091	7.636	9.455	12.818	20.545	11.727	31.182	20.545
716	CPA	236	2.839	5.025	1.619	5.921	7.212	8.936	12.686	17.907	10.720	30.693	19.761
717	ACCTANT (EXC CPA)	202	2.579	4.658	1.257	5.480	6.713	8.936	12.233	17.069	10.559	30.356	19.183
721	PURCHASING AGENT	25	2.240	4.960	1.720	5.200	6.760	9.280	11.200	16.440	9.920	30.400	18.160
722	RETAIL BUYER	22	3.273	5.545	2.045	5.318	7.273	8.727	11.364	17.045	9.591	30.318	18.273
723	EFFICIENCY EXPERT	111	2.973	4.955	1.568	5.855	7.387	9.000	13.072	17.775	10.523	30.847	19.946
724	ADVERTISING	40	2.950	5.350	1.775	5.850	7.450	8.550	12.750	17.700	10.525	31.050	20.175
725	PUBLIC RELATIONS	31	3.194	5.774	1.935	6.194	7.452	9.161	13.516	20.806	10.581	30.613	19.516
726	PERSONNEL ADMIN	81	2.728	5.321	1.605	6.099	7.395	9.346	12.630	18.222	10.556	30.988	19.667
727	APPRAISING, ESTIMATING	36	2.667	4.944	1.694	5.667	7.417	9.139	12.361	17.444	9.667	30.361	19.722
728	LOAN/CREDIT INVESTIG	29	2.552	5.345	1.690	5.828	7.103	8.621	12.483	17.379	9.517	30.276	17.897
730	BUS MGMT ADM (NEC)	511	2.795	5.053	1.561	5.894	7.274	9.090	12.659	17.930	10.540	30.474	19.515
731	MFG MGMT	95	2.832	5.368	1.863	6.095	7.516	9.558	12.853	18.947	10.432	31.137	20.526
732	WHSL/RET TRADE MGMT/MKTG	195	2.713	5.021	1.774	5.626	7.221	8.821	12.226	17.826	10.226	30.062	18.313
738	SUPERVISOR IN BUS	87	2.494	4.356	1.172	5.230	6.552	8.667	10.184	15.839	9.437	29.655	17.471
741	SLSCLERK	23	2.000	4.174	1.130	5.043	6.522	8.652	10.826	13.652	9.174	29.130	14.783
742	RTEMAN (MILK, LAUNDRY, ETC)	12	2.167	3.583	1.250	3.417	5.333	6.833	8.417	13.667	8.167	27.917	14.833
743	STOCKBROKER	23	3.043	5.565	2.043	6.522	7.783	8.913	13.739	19.000	10.957	30.826	20.913
745	REAL ESTATE SLSMAN	26	2.846	4.962	2.115	5.192	6.769	8.654	12.077	17.808	9.923	29.462	20.769
746	INSURANCE SLSMAN	61	2.590	4.738	1.590	5.377	7.049	9.049	12.361	15.230	10.230	30.557	18.246
747	AUTO SLSMAN	22	2.318	5.045	1.818	5.318	6.455	8.636	11.727	15.545	10.455	29.636	17.955
748	OTHER SLSMAN (NEC)	352	2.609	4.694	1.600	5.337	6.756	8.740	11.706	16.446	9.631	29.397	18.125
749	SALES MGR	73	2.945	5.096	1.562	5.548	5.877	8.822	12.164	17.137	9.918	30.534	19.082
751	BOOKKEEPER	10	2.500	4.300	1.200	4.700	6.600	11.400	12.700	15.300	9.700	29.400	16.400
755	MISC ACCT RECDG	27	2.222	3.926	1.370	4.444	5.556	9.333	10.889	15.296	9.000	30.000	15.519
758	COMPUTER OPERATOR	78	2.756	4.590	1.385	5.538	6.385	8.141	11.231	14.526	9.897	30.308	13.577
769	CLERK (MISC)	24	2.167	3.958	1.167	4.333	5.875	8.417	9.542	13.583	8.833	28.792	14.583
772	OFFICE MGR	28	2.643	4.750	1.643	5.107	6.714	7.429	9.893	14.643	9.679	30.250	17.821
789	OTHER "PUB CONT" OCCS	14	2.500	4.571	1.786	5.286	6.214	9.071	11.643	17.357	10.714	30.500	19.286
791	RADIO, TELEGR, TTY OP	14	2.714	3.857	0.857	4.857	6.214	9.071	12.929	14.500	8.786	29.214	17.214
797	MISC CLERICAL	112	2.455	4.268	1.179	5.000	6.125	8.705	11.232	15.045	9.339	28.938	15.579
798	MISC ADMINISTRATIVE	38	2.737	4.579	1.474	4.868	6.947	8.632	12.026	16.789	10.079	30.632	18.316
810	ELECTRICIAN	163	2.262	3.994	1.155	4.702	6.137	8.359	10.435	14.804	9.251	29.518	16.333
811	ELECTRONIC TECHNICIAN	212	2.547	4.524	1.311	5.764	6.774	9.274	11.156	14.203	9.335	29.283	18.179
812	APPLIANCE REPAIR	55	2.255	3.855	0.964	4.527	5.309	8.200	11.400	13.236	8.309	29.073	16.564
813	PHONE INSTALL & REPAIR	39	2.462	4.692	1.513	5.026	6.590	8.769	10.051	15.077	9.462	30.231	17.410
814	REPAIR & SERV COMP	32	2.531	4.688	1.375	5.313	6.500	9.625	11.938	17.344	9.438	29.906	18.750
820	MECHANIC (NEC)	116	2.244	3.690	1.112	4.819	5.672	8.828	9.578	13.655	9.405	28.379	15.931
821	AUTO MECHANIC	74	2.108	3.865	1.162	4.473	5.973	8.351	9.284	13.419	8.824	28.432	15.351
822	AIRPLANE MECHANIC	68	2.235	4.147	1.000	4.735	5.191	8.721	10.044	14.235	8.353	29.015	15.044
823	OFFICE MACH REPAIR	17	2.647	4.118	1.471	4.824	6.765	9.353	11.647	14.882	9.353	28.706	17.118
824	IND MACH REPAIR	21	2.190	3.905	1.333	4.810	5.714	9.333	10.762	15.143	9.286	29.619	18.143
828	MACHINIST	176	2.398	3.994	1.006	4.636	5.383	8.639	10.233	14.375	8.523	29.051	16.653
831	CABINET MAKER	13	2.154	3.000	0.538	4.615	4.846	10.154	11.154	15.000	8.462	29.385	15.692
832	CARPENTER	55	2.255	3.582	0.927	4.345	5.745	8.491	9.345	12.327	8.273	29.509	15.673
833	METAL TRADES	92	2.217	3.380	0.804	4.413	5.511	8.772	9.543	13.033	8.120	28.446	15.359
834	BRKLYR, MASON, PTR, RFR	62	2.113	3.597	1.226	4.516	5.968	8.306	9.968	13.113	8.274	27.887	15.742
835	PLUMBER, PIPEFTR	72	2.167	4.069	1.014	4.361	5.472	9.778	10.069	12.889	9.375	28.250	15.528
836	HEAVY EQUIP OP	47	2.170	4.128	0.894	4.255	5.489	8.532	9.809	13.489	8.745	29.574	15.511
837	MISC BLDG & CONST	71	2.169	3.958	1.042	4.915	6.042	9.099	10.690	14.493	8.535	29.845	16.718
838	MINING, QURYNG, DRLNG	16	1.813	3.313	0.688	4.188	5.313	9.250	10.313	12.688	8.625	29.938	15.688
841	PILOT	99	2.909	5.465	1.919	6.081	7.354	9.394	13.727	12.505	10.101	30.616	19.747
848	AIR TRAFFIC CONTROLLER	13	2.385	4.923	1.692	5.077	7.000	7.077	10.231	16.692	9.615	30.769	19.308
851	MERCHANT MARINE OCC	10	2.800	4.800	1.600	5.100	7.200	8.900	12.900	17.000	9.700	29.300	13.100
852	RAILROAD OCCS	10	2.500	3.700	1.200	5.200	5.400	9.600	9.700	14.600	9.700	29.300	17.700
853	AUTO, BUS, TRUCK DRVR	85	1.882	3.729	0.953	4.188	5.365	8.012	10.024	13.129	8.494	28.200	15.271
861	PRINTING TRADES	106	2.443	4.330	1.283	4.717	6.443	8.113	10.226	14.415	9.236	29.689	16.651
863	SURVEYOR	27	2.333	3.963	0.852	4.815	6.074	9.037	11.333	15.222	9.741	30.333	18.037
864	DRAFTSMAN	140	2.671	4.093	1.207	5.136	6.371	8.779	11.214	14.721	9.993	29.914	16.964
865	PHOTOGRAPHY	39	2.718	4.615	1.641	5.282	6.846	7.359	10.513	15.179	8.872	29.615	17.615
867	LANDSCAPE ARCHIT	13	2.923	5.385	1.846	5.769	9.000	9.462	11.385	19.615	10.615	31.000	21.308
868	CLTHNG & FASH TRADES	14	2.214	3.929	1.286	5.429	6.500	8.857	10.500	15.214	9.429	29.214	17.429
881	FOOD & BEVERAGE PREP	28	2.214	4.071	1.214	4.143	5.536	9.000	8.750	12.750	8.036	28.321	15.786
885	BUTCHER, MEAT CUTTER	23	2.261	3.783	1.130	4.522	5.261	8.609	9.130	12.696	9.130	26.565	14.130
891	MISC PERSONAL SERVICES	12	2.167	3.583	1.500	5.333	5.500	7.333	9.750	12.750	8.500	28.667	16.250
892	BARBER	41	1.756	3.439	0.878	4.317	5.244	7.707	8.732	11.146	8.390	28.756	15.561
893	HAIRDRESSER	15	1.933	4.133	1.467	4.800	5.600	7.933	8.667	14.733	7.400	28.667	15.067
899	GENERAL LABORER	277	2.227	3.671	1.036	4.444	5.527	9.444	9.466	12.430	8.455	28.912	15.877
	TOTAL	14123	2.705	4.813	1.512	5.553	6.891	8.969	12.195	16.977	10.018	30.074	18.343

TABLE 1.3 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST II (CONTD.)								ENGLISH TEST		
			GAMES (SEDEN)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS	DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION
			R-149	R-150	R-151	R-152	R-162	R-211	R-212	R-220	R-231	R-232	R-233
559	MUSIC-RELATED (MISC)	[illegible]	1.187	1.598	0.799	1.486	1.931	3.114	5.722	6.445	2.549	2.651	4.169
575	THEATRE (OTHER)	[illegible]	1.185	1.497	1.059	1.755	1.107	2.738	4.657	6.020	2.254	1.456	3.055
578	RADIO/TV ANNOUNCER	[illegible]	1.185	1.811	0.943	2.038	1.795	3.064	6.124	7.391	2.392	1.435	3.675
579	MISC PERF ARTS	[illegible]	0.900	1.624	1.215	1.557	0.996	2.462	3.671	4.454	2.811	1.815	3.204
611	ATHLETE	[illegible]	1.033	1.633	0.943	2.011	1.370	2.132	6.315	6.385	2.312	1.252	2.359
612	PRO ATHLETICS (AUX)	[illegible]	0.828	2.165	0.726	1.320	1.897	3.247	5.612	7.516	2.282	1.280	3.688
621	RECREATION DIR	[illegible]	1.227	1.653	0.857	2.095	2.149	3.502	5.047	6.446	3.250	1.455	4.051
623	FRSTRY, HUNT, TRAP	[illegible]	1.049	1.545	0.898	1.700	1.661	2.514	6.256	6.953	2.547	2.671	3.715
631	FARM/RANCH OWNER	[illegible]	1.003	1.457	0.816	1.715	1.947	3.113	4.558	5.720	2.761	2.329	4.044
639	FARMING (OTHER)	[illegible]	1.036	1.549	0.807	1.787	2.173	2.997	4.682	6.231	2.926	3.940	3.857
640	MILITARY (RANK NOT IND)	[illegible]	1.057	1.583	1.127	1.803	1.801	3.435	5.378	6.403	3.402	4.943	3.936
641	MILITARY-ENLISTED	[illegible]	1.092	1.387	0.899	1.498	1.281	3.072	4.770	6.232	2.364	2.259	3.270
642	MILITARY-OFFICER	[illegible]	1.282	1.692	0.903	1.469	1.426	2.624	5.104	7.293	2.573	1.467	3.467
650	INTELLIGENCE-CIA, ETC.	[illegible]	1.300	1.632	0.902	1.687	1.805	2.819	5.528	6.741	3.232	2.129	3.243
661	POLICE (PUBLIC)	[illegible]	1.089	1.478	1.009	1.564	1.744	2.720	4.487	7.042	2.936	4.052	4.147
666	FIREMAN	[illegible]	1.097	1.553	0.915	1.647	1.675	3.383	4.479	6.709	3.210	2.778	3.069
669	OTHER PROTECTIVE	[illegible]	0.858	1.406	0.796	1.259	1.889	2.731	6.537	6.021	2.444	2.329	3.054
711A	BANKING & FINANCE, I	[illegible]	1.195	1.633	0.919	1.293	1.704	3.170	5.171	6.119	2.426	5.302	3.160
711B	BANKING & FINANCE, II	[illegible]	1.209	1.536	1.111	1.670	1.319	2.920	5.327	6.508	2.690	3.204	3.295
712	INVSTMNT, STOCK CONSULT	11	1.027	1.348	1.221	1.375	1.120	2.806	6.030	7.596	1.619	1.722	4.367
716	CPA	[illegible]	1.182	1.539	1.117	1.443	1.481	2.994	4.970	6.665	2.512	1.757	3.559
717	ACCTANT (EXC CPA)	[illegible]	1.174	1.650	1.011	1.705	1.767	2.867	5.326	6.501	2.601	2.736	3.802
721	PURCHASING AGENT	[illegible]	1.012	1.719	1.242	1.633	1.665	3.007	6.627	6.545	2.887	2.082	3.997
722	RETAIL BUYER	[illegible]	1.202	1.335	1.133	1.211	1.569	2.676	5.251	6.672	2.667	2.378	2.865
723	EFFICIENCY EXPERT	111	1.179	1.708	1.067	1.525	1.500	2.765	5.703	6.400	2.600	1.441	3.912
724	ADVERTISING	[illegible]	1.037	1.477	0.974	1.252	1.300	2.552	5.188	6.039	2.641	1.339	3.647
725	PUBLIC RELATIONS	[illegible]	1.078	1.521	0.802	1.376	1.261	3.277	5.440	5.313	2.187	1.430	4.130
726	PERSONNEL ADMIN	[illegible]	1.265	1.413	0.921	1.446	1.505	3.183	5.048	5.615	2.603	1.067	3.135
727	APPRAISING, ESTIMATING	[illegible]	0.956	1.603	0.889	1.549	1.360	2.910	4.562	5.124	2.630	2.072	3.614
728	LOAN/CREDIT INVESTIG	[illegible]	1.121	1.542	1.039	1.605	2.193	3.223	5.686	6.694	3.302	2.590	5.212
730	BUS MGMT ADM (NEC)	[illegible]	1.227	1.702	1.030	1.556	1.663	2.999	5.269	6.658	2.633	2.621	3.796
731	MFG MGMT	[illegible]	1.182	1.578	1.049	1.466	1.465	2.831	5.299	6.222	2.558	1.426	3.528
732	WHSL/RET TRADE MGMT/MKTG	[illegible]	1.157	1.684	1.101	1.686	1.799	2.824	5.468	6.556	2.818	4.052	3.973
738	SUPERVISOR IN BUS	[illegible]	1.200	1.525	0.892	1.492	1.710	3.049	5.275	6.366	2.929	4.011	4.228
741	SLSCLERK	[illegible]	0.905	1.527	0.968	1.637	1.648	3.352	5.365	5.309	3.589	6.587	5.584
742	RTEMAN (MILK, LAUNDRY, ETC)	[illegible]	1.030	1.165	0.965	1.792	2.145	2.290	4.144	6.228	1.528	3.848	5.096
743	STOCKBROKER	[illegible]	1.224	1.562	1.147	1.201	1.313	2.745	5.723	6.260	2.654	1.527	3.528
745	REAL ESTATE SLSMAN	[illegible]	1.008	1.732	0.952	1.812	1.986	3.098	4.578	5.831	2.622	5.907	3.766
746	INSURANCE SLSMAN	[illegible]	1.189	1.721	1.039	1.714	1.627	2.513	5.407	6.936	2.897	1.597	4.489
747	AUTO SLSMAN	[illegible]	0.945	1.253	1.053	1.673	1.565	2.172	4.278	7.035	2.521	2.237	3.273
748	OTHER SLSMAN (NEC)	[illegible]	1.099	1.585	1.065	1.606	1.813	2.964	4.797	6.566	2.875	3.397	4.186
749	SALES MGR	[illegible]	1.153	1.676	1.030	1.564	1.771	2.642	5.231	6.268	2.492	1.908	3.767
751	BOOKKEEPER	[illegible]	1.080	1.703	1.135	1.252	1.647	2.503	6.848	6.272	2.497	2.171	3.806
755	MISC ACCT RECDG	[illegible]	1.050	1.685	1.214	1.529	2.172	2.787	4.742	7.109	2.353	2.304	4.164
758	COMPUTER OPERATOR	[illegible]	1.071	1.463	1.142	1.622	1.675	3.005	4.375	6.810	2.700	1.630	3.537
769	CLERK (MISC)	[illegible]	1.049	1.706	0.917	1.494	2.007	3.335	5.192	5.926	2.713	4.043	4.403
772	OFFICE MGR	[illegible]	1.096	1.295	1.006	1.535	1.883	2.501	4.541	6.951	2.667	1.818	4.110
789	OTHER "PUB CONT" OCCS	[illegible]	1.286	1.785	0.693	1.537	1.477	2.841	6.071	6.147	2.644	1.652	3.245
791	RADIO, TELEGR, TTY OP	[illegible]	1.139	1.791	0.770	1.292	1.311	1.900	4.665	5.965	3.093	2.007	3.423
797	MISC CLERICAL	[illegible]	1.169	1.755	0.942	1.855	2.169	2.937	5.567	7.032	2.998	4.594	4.096
798	MISC ADMINISTRATIVE	[illegible]	1.155	1.407	0.970	1.663	1.366	3.217	5.330	5.734	3.149	1.651	3.898
810	ELECTRICIAN	[illegible]	1.085	1.458	0.909	1.813	1.942	3.026	4.714	6.510	2.780	4.028	3.817
811	ELECTRONIC TECHNICIAN	[illegible]	1.221	1.702	1.006	1.755	1.919	2.913	5.033	6.537	2.844	3.283	4.248
812	APPLIANCE REPAIR	[illegible]	1.126	1.592	0.962	1.942	2.003	3.112	5.251	7.066	3.030	6.492	4.909
813	PHONE INSTALL & REPAIR	[illegible]	1.072	1.922	1.073	1.693	1.916	2.986	4.850	6.772	2.473	1.724	3.559
814	REPAIR & SERV COMP	[illegible]	1.164	1.731	1.040	1.749	1.984	2.379	4.792	7.285	2.449	1.873	3.360
820	MECHANIC (NEC)	[illegible]	1.086	1.579	1.070	1.692	2.042	2.845	4.668	7.107	2.509	3.342	4.254
821	AUTO MECHANIC	[illegible]	1.130	1.707	1.060	1.981	2.335	2.921	4.283	7.068	2.921	4.456	4.762
822	AIRPLANE MECHANIC	[illegible]	0.916	1.669	0.946	1.697	2.024	2.967	4.533	6.707	2.590	3.271	3.687
823	OFFICE MACH REPAIR	[illegible]	1.222	1.317	1.179	1.944	1.751	3.141	6.133	7.322	2.893	3.567	4.400
824	IND MACH REPAIR	[illegible]	1.250	1.758	0.913	1.778	1.875	2.781	4.999	6.044	2.866	2.224	2.954
828	MACHINIST	[illegible]	1.042	1.521	0.929	1.688	1.958	2.883	4.820	6.433	2.798	3.374	3.576
831	CABINET MAKER	[illegible]	0.987	1.528	0.776	1.121	2.410	2.882	5.129	7.778	1.941	1.938	3.449
832	CARPENTER	65	0.985	1.536	0.836	1.280	1.955	3.126	4.343	6.113	2.691	3.661	3.549
833	METAL TRADES	[illegible]	0.970	1.466	0.788	1.792	2.003	3.335	4.684	5.627	2.749	4.882	4.392
834	BRKLYR, MASON, PTR, RFR	[illegible]	0.960	1.741	1.031	1.469	2.304	3.201	4.376	5.749	3.031	4.949	4.239
835	PLUMBER, PIPEFTR	[illegible]	1.035	1.427	0.911	1.647	2.143	2.634	4.495	6.668	3.208	3.288	4.152
836	HEAVY EQUIP OP	[illegible]	1.129	1.513	0.916	1.467	2.020	2.789	4.915	5.303	1.996	2.684	3.671
837	MISC BLDG & CONST	[illegible]	1.146	1.553	1.061	1.556	2.134	3.149	5.266	7.137	2.912	3.721	4.542
838	MINING, QURYNG, DRLNG	16	0.911	1.401	0.704	1.797	2.024	3.317	4.062	3.924	2.419	2.144	3.219
841	PILOT	[illegible]	1.213	1.507	1.044	1.614	1.680	3.077	5.527	7.037	2.985	2.059	3.807
848	AIR TRAFFIC CONTROLLER	[illegible]	1.261	1.801	0.947	1.935	1.871	2.565	4.622	5.453	2.663	2.006	3.066
851	MERCHANT MARINE OCC	[illegible]	1.229	2.150	0.843	2.470	2.150	4.228	6.280	7.180	2.946	3.057	4.748
852	RAILROAD OCCS	[illegible]	1.080	1.159	0.910	1.814	1.897	2.875	5.832	5.254	3.561	2.263	2.830
853	AUTO, BUS, TRUCK DRVR	[illegible]	1.017	1.507	0.859	1.822	2.137	2.986	4.721	6.588	2.869	5.398	4.754
861	PRINTING TRADES	106	1.024	1.459	0.923	1.535	1.800	2.741	4.971	5.968	2.660	3.443	4.071
863	SURVEYOR	[illegible]	1.240	1.315	0.818	1.882	1.880	3.006	5.765	6.773	2.395	1.881	4.256
864	DRAFTSMAN	[illegible]	1.147	1.568	0.925	1.615	1.764	3.077	5.099	6.475	2.895	3.275	4.355
865	PHOTOGRAPHY	[illegible]	1.099	1.711	1.135	2.089	2.159	2.942	4.734	7.316	3.097	3.134	4.076
867	LANDSCAPE ARCHIT	13	0.760	1.193	0.987	1.599	1.000	2.665	5.810	5.221	3.042	1.354	3.660
868	CLTHNG & FASH TRADES	14	1.122	1.817	0.914	1.697	1.653	3.371	5.302	6.941	2.928	2.833	3.956
881	FOOD & BEVERAGE PREP	[illegible]	1.343	1.654	0.995	1.627	2.631	3.139	5.211	6.598	2.333	3.859	4.254
885	BUTCHER, MEAT CUTTER	[illegible]	1.096	1.536	0.869	1.473	1.959	2.369	5.405	6.805	3.757	8.805	5.691
891	MISC PERSONAL SERVICES	[illegible]	1.115	2.353	1.214	1.969	3.060	3.499	3.646	6.930	3.090	2.934	5.723
892	BARBER	[illegible]	0.767	1.689	0.927	1.422	2.022	2.994	4.506	5.902	2.616	4.641	4.105
893	HAIRDRESSER	15	0.884	2.200	1.125	1.971	2.131	3.654	4.419	7.015	3.135	3.619	4.200
899	GENERAL LABORER	277	1.104	1.458	0.962	1.559	2.117	2.921	4.094	6.635	2.895	3.693	3.735
	TOTAL	14123	1.204	1.750	1.090	1.766	1.997	2.976	5.440	7.013	2.938	3.204	4.353

TABLE 1.3 (continued)

#	GROUP	N	MEANS										
			ENG. TEST (CONTD.)									MATH TEST	
			USAGE	EFFECT EXPRESS	WORD FN IN SENT	READING COMP	CREATIVITY	MECH REASONING	VIS IN 2-DIM	VIS IN 3-DIM	ABSTRACT REAS	ARITH REASONING	INTRO HS MATH
			R-234	R-235	R-240	R-250	R-260	R-270	R-281	R-282	R-290	R-311	R-312
000	NO ANSWER	1312	17.198	9.180	10.852	34.065	10.595	13.712	14.774	9.061	9.792	9.970	12.864
001	DON'T KNOW	303	17.061	9.117	10.483	33.523	10.137	13.301	14.433	9.670	9.599	9.823	12.321
101	EXECUTIVE (NEC)	43	18.023	9.442	12.767	39.581	11.674	14.209	14.372	9.814	10.581	11.442	15.326
102	FOREMAN (NEC)	49	15.857	8.755	9.286	31.959	10.510	14.102	14.449	10.061	9.816	8.939	10.959
111	WORK FOR GOVT (NEC)	52	17.173	9.019	11.212	34.712	9.827	13.212	13.538	9.538	9.212	10.288	12.346
112	IN BUS FOR SELF (NEC)	279	17.115	9.317	10.083	33.230	10.867	14.353	15.353	10.022	10.004	9.957	11.986
120	IND, BUS, COMM (NEC)	141	17.362	9.199	10.695	34.518	10.213	13.610	14.709	9.730	9.365	9.816	12.660
121	RETAIL (NEC)	33	17.242	9.030	9.636	33.364	10.091	13.515	14.970	9.303	9.909	10.000	11.424
122	TRANSPORTATION (NEC)	27	16.444	8.630	9.407	32.963	9.296	12.926	14.148	9.444	9.370	9.556	11.593
123	REAL ESTATE (NEC)	17	17.941	9.647	12.235	37.471	10.235	12.412	13.647	9.235	9.882	10.882	12.647
124	INSURANCE (NEC)	35	17.800	9.343	10.343	36.771	10.371	13.114	13.229	9.114	10.343	10.200	13.657
125	ELECTRONICS (NEC)	156	16.667	9.045	9.904	35.199	11.397	14.808	15.891	11.103	10.449	10.353	12.795
150	RESEARCH (NEC)	9	19.222	9.333	13.111	39.000	14.667	15.444	17.111	11.556	11.222	13.222	18.000
211	MATH, STAT	65	19.849	10.587	16.217	42.522	13.891	15.935	17.152	12.130	11.717	13.674	20.739
212	OTHER STATISTICS	14	20.714	10.714	16.714	39.000	12.071	14.857	16.857	10.429	12.000	14.214	21.357
221	SYSTEMS ANALYST	42	19.071	9.976	15.738	39.238	12.286	16.071	16.595	11.667	11.333	13.262	19.357
222	COMPUTER PROGRAMMER	121	18.174	9.736	12.628	37.620	11.893	14.587	16.017	10.421	10.777	11.612	15.934
229	COMPUTER SPEC (NEC)	20	18.950	9.650	13.850	39.450	12.350	15.400	15.500	10.950	11.550	12.200	16.700
230	PHYSICAL SCI (NEC)	18	20.056	10.500	15.389	42.278	13.167	16.722	17.889	12.222	12.278	12.778	19.500
231	CHEMIST	81	19.716	10.556	15.173	42.296	13.383	16.259	16.049	11.926	11.877	13.333	19.296
232	PHYSICIST	64	18.797	10.438	16.000	42.063	13.469	16.906	18.188	12.781	11.891	13.359	19.797
234	GEOLOGIST	17	18.941	10.529	13.294	40.588	13.647	17.059	18.765	12.118	12.353	12.059	17.824
235	METEOROLOGIST	10	20.900	9.600	18.500	44.900	12.900	15.000	14.100	11.200	12.300	13.600	19.200
240	ENGINEER (NEC)	167	18.838	9.982	15.952	41.665	13.629	16.683	17.593	12.234	11.886	13.607	19.647
241	CIVIL ENGINEER	105	18.495	10.133	15.114	39.476	12.562	15.943	17.314	12.314	11.629	12.762	18.733
242	ELECTRICAL ENGINEER	263	19.103	10.148	14.084	41.457	13.844	17.021	17.567	12.779	12.046	13.198	19.687
243	MECH ENGINEER	143	18.867	10.056	14.629	40.175	13.515	16.888	17.374	12.734	11.587	13.371	19.308
244	AERONAUTICAL ENG	37	19.270	10.378	15.459	40.216	13.946	16.892	18.676	13.189	12.270	12.757	19.000
245	CHEM ENGINEER	58	19.879	10.724	14.948	43.862	13.759	16.741	17.603	12.552	12.207	13.828	20.690
250	ARCHITECT	58	18.345	10.017	14.069	39.500	12.741	16.500	18.172	13.293	11.862	12.259	17.897
299	PHYS SCI, LAB TECH	78	17.205	9.256	11.308	35.962	11.397	14.538	15.962	10.321	10.436	10.679	14.795
310	BIOLOGIST, ZOOLOGIST	32	18.844	10.219	14.594	42.906	13.563	16.094	16.406	11.844	11.844	12.156	17.469
313	SPEC IN AGRIC SCI	35	17.200	9.314	11.486	36.657	11.029	14.429	15.600	10.257	10.514	10.714	13.886
314	WLDLF/FOREST SPEC	49	18.224	9.571	12.571	38.061	11.408	14.673	15.673	11.020	10.755	11.327	14.796
316	MICROBIOLOGIST	15	18.800	9.333	15.200	39.067	11.000	15.467	15.333	10.600	10.933	11.933	17.467
317	BIOCHEMIST	9	17.556	9.333	13.556	41.444	13.889	17.556	18.556	13.444	12.333	14.000	20.333
322	MD-SURGEON	14	19.500	10.643	16.929	42.929	12.500	16.500	15.857	11.500	12.357	13.214	20.000
329	MD-OTHER	229	20.105	10.707	17.205	43.489	13.170	15.769	16.341	11.515	11.795	13.568	20.131
332	DENTIST	97	18.825	10.031	14.742	40.794	13.186	16.041	16.948	12.103	11.711	12.320	18.144
333	VETERINARIAN	20	18.900	9.500	13.450	40.200	12.250	15.150	16.000	11.100	11.800	12.950	15.950
343	PHYS THERAPIST	11	18.364	8.909	11.000	35.364	10.091	13.909	14.818	9.909	9.091	7.909	12.636
347	MED/DENT TECHNOL	16	16.500	8.750	11.063	35.125	10.500	13.750	13.625	9.438	9.563	9.125	12.688
348	MED/DENT TECHNICIAN	27	17.593	9.370	11.185	34.370	12.111	15.000	15.000	10.333	9.630	9.926	12.741
350	HOSPITAL ADMIN	11	19.182	9.182	10.545	35.273	10.364	13.455	12.182	9.545	9.091	11.818	14.545
335	PHARMACIST	91	18.330	9.857	12.989	39.593	12.099	14.714	16.549	10.637	10.879	12.110	16.582
360	PSYCHOLOGIST	106	19.792	10.557	15.198	42.604	13.358	15.632	16.038	11.226	11.959	12.547	17.953
370	SOCIAL WORKER	60	17.750	9.700	12.950	38.683	11.483	13.833	14.700	9.750	10.550	10.267	14.267
371	PSYCHIATRIC SOC WRKR	9	17.444	10.444	13.667	39.222	10.667	13.111	12.889	9.778	11.000	11.000	13.000
372	COUNSELING/GUIDANCE	12	18.500	9.583	11.833	37.417	10.500	13.500	15.083	10.000	10.500	9.417	13.500
373	VOC/ED GUIDANCE	23	17.565	10.261	11.174	36.565	11.565	13.478	15.130	10.217	10.304	10.217	14.783
382	ECONOMIST	23	18.739	10.652	13.565	40.565	10.870	15.391	15.652	10.652	11.087	13.000	17.304
389	SOCIAL SCI (MISC)	21	18.286	9.190	11.143	38.810	10.762	13.095	13.429	9.524	10.429	10.810	15.143
392	DIPLOMAT	22	18.818	10.727	16.000	42.227	12.318	14.000	15.000	10.545	10.591	11.864	16.364
393	LAWYER	393	19.048	10.305	15.239	41.307	12.455	14.550	15.503	10.618	11.280	12.491	17.382
394	MARKET ANALYST	10	19.500	11.000	14.300	37.600	12.200	16.500	13.000	10.200	11.600	12.600	17.700
398	CITY PLANNER (NEC)	12	18.917	10.250	12.333	40.167	13.250	15.417	17.167	11.833	10.500	12.167	16.583
400	TEACHER (NEC)	423	18.014	9.761	12.047	37.638	11.093	13.697	14.894	9.827	10.400	11.085	14.527
412	TEACHER-ELEM	45	18.022	9.756	12.756	37.067	10.844	13.667	12.956	9.533	10.378	10.667	14.644
420	TEACHER-HS (NEC)	69	17.957	10.029	12.362	37.797	10.971	13.754	14.507	10.072	10.377	11.304	15.116
421	TEACHER-HS MATH	62	18.194	9.629	13.855	38.887	11.806	15.177	17.226	11.177	11.387	12.306	19.016
422	TEACHER-HS SCI	50	19.100	10.460	12.960	40.800	12.540	15.980	15.800	11.840	11.440	12.180	16.920
423	TEACHER-HS SOC ST	96	18.372	9.660	12.074	39.298	10.947	12.532	14.415	9.064	10.532	10.628	13.979
424	TEACHER-ENGLISH	45	19.178	9.667	15.900	42.156	11.889	14.900	14.133	10.822	11.156	11.622	15.933
425	TEACHER-FOREIGN LANG	10	19.600	9.900	15.400	41.900	11.200	15.100	14.500	11.500	10.800	11.500	16.300
426	TEACHER-COMM ED	16	17.625	9.563	11.063	33.563	10.938	13.250	13.500	9.125	10.000	11.375	13.063
428	TEACHER-TRADES	45	17.467	9.289	11.644	35.133	11.022	15.333	16.511	11.867	10.911	11.156	14.622
429	TEACHER-PHYS ED	57	17.754	9.140	11.316	34.404	10.439	13.333	14.965	9.474	10.211	10.421	14.000
431	TEACHER-ART	15	17.133	10.133	12.667	39.600	11.733	14.200	15.933	11.600	10.533	10.067	12.867
432	TEACHER-MUSIC	38	19.158	9.921	14.368	37.632	10.474	13.816	15.184	10.316	9.947	10.315	13.605
440	TEACHER-HANDICAPPED	18	17.667	10.444	14.056	40.056	11.389	14.000	14.833	10.500	10.889	11.167	15.611
450	SCHOOL ADMIN (EXC COLL)	43	18.372	9.814	12.581	38.907	10.535	13.163	13.884	9.535	10.419	10.814	13.907
460	COLL/UNIV TCHR (NEC)	179	19.726	10.631	16.313	42.395	13.525	15.397	15.676	11.492	11.799	12.910	17.927
461	COLL/UNIV TCHR-MATH	28	20.857	11.036	18.036	44.714	13.893	16.000	17.893	12.571	12.357	14.321	21.750
462	COLL/UNIV TCHR-SCI	68	19.500	10.279	16.088	42.500	13.132	15.515	16.118	11.735	11.574	12.706	18.985
463	COLL/UNIV TCHR-SOC SCI	85	20.106	10.753	15.612	43.506	13.659	14.671	15.694	11.318	11.412	12.953	17.365
464	COLL/UNIV TCHR-ENGLISH	57	20.667	11.035	17.667	43.544	14.000	15.035	15.842	10.947	11.930	12.982	18.649
465	COLL/UNIV TCHR-FOR LANG	15	20.600	10.400	20.000	43.733	13.933	14.867	13.067	11.467	12.000	12.933	18.533
521	CLERGYMAN	176	19.381	10.301	15.449	40.864	12.034	14.409	14.926	10.676	11.023	12.045	15.761
522	MONK, BROTHER, NUN	16	19.438	10.000	13.438	39.688	10.688	13.063	14.875	10.875	11.125	11.313	14.375
523	RELIG WRKR (OTHER)	14	18.500	9.357	12.857	37.714	11.857	15.571	13.857	11.143	11.286	11.357	16.143
531	WRITER (NEC)	24	19.417	10.542	13.542	40.667	12.000	13.292	15.458	9.542	10.292	10.583	14.250
534	JRNLIST/REPRTER	43	19.256	10.628	15.209	41.395	12.767	13.814	15.674	10.419	10.581	11.814	15.605
539	TRNSLTR, INTRPRTR, LINGST	9	20.667	10.111	15.889	41.778	13.111	14.889	17.333	11.222	11.111	11.444	15.556
541	FINE ARTS	16	19.375	9.500	13.500	39.250	12.625	14.938	16.125	12.438	11.438	9.375	12.688
545	COMM ARTIST	48	17.500	9.125	9.417	36.250	10.979	13.583	14.458	11.063	10.333	9.146	10.958
547	DESIGNER (CONS GDS)	28	18.714	9.357	11.036	36.107	13.107	15.786	16.464	12.214	10.393	10.786	12.929
551	MUSICIAN	24	18.750	10.000	12.125	37.042	11.542	14.083	12.500	9.208	10.375	11.042	13.917

TABLE 1.3 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			ENG. TEST (CONTD.)									MATH TEST	
			USAGE	EFFECT EXPRESS	WORD FN IN SENT	READING COMP	CREATIVITY	MECH REASONING	VIS IN 2-DIM	VIS IN 3-DIM	ABSTRACT REAS	ARITH REASONING	INTRO HS MATH
			R-234	R-235	R-240	R-250	R-260	R-270	R-281	R-282	R-290	R-311	R-312
000	NO ANSWER	1912	3.225	2.212	5.416	10.377	4.343	4.156	5.586	3.443	3.001	3.578	5.603
001	DON'T KNOW	423	3.154	2.091	5.154	9.924	4.119	3.911	5.643	3.403	2.897	3.509	5.540
101	EXECUTIVE (NEC)	43	2.521	1.931	5.597	5.607	4.213	3.662	5.490	3.480	2.461	3.574	5.410
102	FOREMAN (NEC)	49	3.942	2.445	4.444	7.368	3.560	3.117	5.602	3.556	2.751	3.591	5.192
111	WORK FOR GOVT (NEC)	62	2.888	2.429	6.332	10.818	4.100	4.074	6.086	3.685	3.038	4.011	5.684
112	IN BUS FOR SELF (NEC)	274	2.944	2.000	5.213	9.283	3.976	3.696	5.587	3.177	2.648	3.224	5.056
120	IND, BUS, COMM (NEC)	161	3.015	1.986	4.927	9.017	4.009	3.615	5.608	3.139	2.609	3.303	5.440
121	RETAIL (NEC)	33	2.346	2.417	5.165	7.449	2.788	3.946	4.268	3.087	1.974	2.947	4.704
122	TRANSPORTATION (NEC)	27	4.492	2.529	5.344	9.247	3.517	3.474	6.455	3.512	2.559	3.215	5.631
123	REAL ESTATE (NEC)	17	2.384	1.656	5.345	9.969	3.865	4.287	5.027	3.231	2.791	3.655	4.974
124	INSURANCE (NEC)	35	2.666	1.798	4.345	7.289	3.365	3.660	5.897	3.579	2.014	2.709	4.179
125	ELECTRONICS (NEC)	155	3.151	2.114	4.723	8.425	3.972	3.817	5.014	3.717	2.778	3.344	5.231
150	RESEARCH (NEC)	3	3.734	2.000	5.419	12.560	3.742	2.555	4.622	2.297	2.728	2.863	5.454
211	MATH, STAT	66	2.241	1.392	4.407	4.857	3.254	2.645	3.657	2.925	1.785	2.088	2.894
212	OTHER STATISTICS	16	2.555	0.825	6.120	11.807	4.875	5.419	5.641	4.536	3.700	2.082	2.620
221	SYSTEMS ANALYST	62	2.443	1.506	5.713	9.481	4.358	3.665	5.242	3.383	3.027	2.759	4.482
222	COMPUTER PROGRAMMER	121	2.963	1.797	5.865	8.049	4.141	3.494	4.911	3.373	2.616	3.078	5.338
229	COMPUTER SPEC (NEC)	27	2.089	1.663	4.682	7.229	3.453	2.854	4.466	2.605	2.164	2.858	4.414
230	PHYSICAL SCI (NEC)	19	2.623	1.043	3.987	5.085	4.232	2.421	4.185	2.463	1.841	2.439	3.312
231	CHEMIST	91	2.481	1.294	5.193	4.297	3.936	3.240	4.992	2.336	1.720	2.550	4.482
232	PHYSICIST	56	2.644	1.271	4.622	5.592	3.567	2.480	3.996	2.465	2.086	2.081	3.372
234	GEOLOGIST	17	2.947	1.875	5.229	7.501	3.656	2.358	5.729	1.900	1.693	2.193	5.077
235	METEOROLOGIST	12	2.183	2.119	3.171	1.969	2.789	4.243	5.597	2.860	2.214	1.397	3.155
·240	ENGINEER (NEC)	167	3.072	1.695	5.061	6.031	3.463	2.790	4.051	2.515	2.158	2.2 2	4.061
241	CIVIL ENGINEER	[illegible]	2.539	1.461	5.088	6.426	3.934	3.100	4.255	2.482	2.185	2.593	3.711
242	ELECTRICAL ENGINEER	[illegible]	2.544	1.711	5.248	6.075	3.628	2.425	4.450	2.575	2.080	2.411	3.737
243	MECH ENGINEER	143	2.622	1.542	4.871	7.193	3.516	2.878	4.529	2.403	2.084	2.152	3.731
244	AERONAUTICAL ENG	37	2.922	1.401	4.942	7.192	3.496	2.622	4.076	1.853	1.427	2.165	4.314
245	CHEM ENGINEER	64	2.001	1.308	3.922	3.739	2.873	2.699	3.464	1.875	1.553	1.874	2.242
250	ARCHITECT	54	2.692	1.782	5.278	7.165	3.697	2.799	4.109	1.901	1.969	2.619	4.073
299	PHYS SCI, LAB TECH	76	2.784	1.892	4.947	7.456	4.043	3.437	5.533	3.321	2.597	3.544	5.544
310	BIOLOGIST, ZOOLOGIST	12	2.629	1.339	4.627	4.727	2.919	2.833	5.934	3.214	2.096	2.677	4.318
313	SPEC IN AGRIC SCI	35	2.784	1.439	4.119	7.329	3.195	3.458	4.506	3.115	2.418	3.064	4.695
314	WLDLF/FOREST SPEC	40	2.896	1.915	5.021	8.024	4.015	2.890	4.539	3.065	2.260	2.875	4.601
316	MICROBIOLOGIST	15	2.042	1.496	3.385	8.916	4.140	2.774	4.894	2.971	1.870	2.631	3.833
317	BIOCHEMIST	9	4.216	2.236	7.108	6.984	4.256	1.810	4.246	2.128	1.732	2.179	3.841
322	MD-SURGEON	16	1.951	1.550	4.104	4.160	3.898	2.902	4.087	3.228	1.598	1.718	3.258
329	MD-OTHER	224	2.395	1.379	4.615	4.818	3.487	3.171	4.925	2.862	2.174	1.963	3.314
332	DENTIST	37	2.594	1.425	4.487	5.511	2.984	2.810	4.851	2.255	1.893	2.801	3.588
333	VETERINARIAN	20	2.490	1.357	5.186	5.961	2.989	2.720	5.191	2.634	1.989	1.959	4.839
343	PHYS THERAPIST	11	2.063	2.587	5.404	9.479	4.277	3.727	5.437	2.343	2.508	4.061	5.714
347	MED/DENT TECHNOL	16	2.366	2.595	4.669	9.451	4.066	3.856	5.898	3.915	2.128	4.080	5.425
348	MED/DENT TECHNICIAN	27	2.925	1.735	4.566	9.471	3.806	3.199	5.174	2.449	3.188	3.222	4.646
350	HOSPITAL ADMIN	11	2.750	2.523	5.279	9.275	4.225	2.841	5.636	3.616	2.508	3.656	6.121
335	PHARMACIST	91	3.201	1.847	4.609	5.905	4.083	3.226	4.915	3.158	2.027	2.373	4.235
360	PSYCHOLOGIST	126	2.150	1.429	4.647	4.474	3.240	2.958	4.459	2.856	1.786	2.619	4.361
370	SOCIAL WORKER	60	3.559	2.011	4.695	7.639	4.036	3.747	5.033	3.373	2.205	3.194	4.686
371	PSYCHIATRIC SOC WRKR	3	2.651	1.014	2.500	6.496	3.937	3.723	5.011	2.663	2.179	3.082	5.220
372	COUNSELING/GUIDANCE	12	2.355	2.234	4.449	7.416	3.233	5.179	5.071	4.090	3.261	4.231	5.931
373	VOC/ED GUIDANCE	23	1.903	1.356	3.927	6.894	3.752	4.155	5.691	2.912	1.820	2.255	4.680
382	ECONOMIST	23	2.717	1.191	5.089	6.888	4.137	3.159	4.427	3.446	2.521	3.075	3.747
389	SOCIAL SCI (MISC)	21	2.533	2.049	5.294	7.097	4.516	5.009	6.400	4.092	2.039	3.109	5.341
392	DIPLOMAT	22	2.648	1.120	4.701	5.459	4.466	3.805	4.186	3.291	2.016	2.295	5.542
393	LAWYER	412	3.025	1.732	5.163	5.955	3.676	3.509	4.896	3.180	1.956	2.785	4.458
394	MARKET ANALYST	10	1.900	0.916	7.134	14.017	3.795	4.353	8.069	5.453	2.797	2.366	3.498
398	CITY PLANNER (NEC)	11	2.811	1.545	5.416	6.103	3.306	2.575	4.019	3.326	2.236	2.290	5.838
400	TEACHER (NEC)	427	2.957	1.754	5.121	7.640	3.842	3.754	5.352	3.397	2.270	3.071	5.182
412	TEACHER-ELEM	45	2.454	1.554	4.583	7.021	3.879	3.873	5.889	2.873	2.156	2.550	5.023
420	TEACHER-HS (NEC)	63	2.523	1.590	4.967	9.029	4.127	4.042	5.632	3.619	2.792	3.219	5.060
421	TEACHER-HS MATH	62	1.990	1.428	4.945	6.616	3.879	3.376	5.262	3.196	1.962	2.215	3.596
422	TEACHER-HS SCI	60	2.525	1.474	5.229	5.387	3.913	2.343	5.414	3.033	2.233	3.243	4.336
423	TEACHER-HS SOC ST	34	2.458	1.403	4.693	6.090	3.608	3.712	5.121	3.439	2.517	3.027	5.007
424	TEACHER-ENGLISH	45	2.299	1.638	4.267	3.977	3.956	3.616	4.640	3.293	1.906	2.708	4.314
425	TEACHER-FOREIGN LANG	10	1.430	1.549	4.719	6.321	5.473	3.281	5.523	3.028	2.251	3.308	5.165
426	TEACHER-COMM ED	14	2.579	1.632	4.640	4.381	2.999	3.768	4.980	2.754	1.751	2.872	4.074
428	TEACHER-TRADES	43	2.809	1.866	4.853	7.549	4.341	3.820	4.818	2.735	2.401	3.316	4.937
429	TEACHER-PHYS ED	57	2.886	2.333	4.637	9.685	4.066	3.481	5.335	3.561	2.194	2.940	4.645
431	TEACHER-ART	15	2.264	1.846	4.731	7.944	3.863	2.957	5.788	3.066	3.292	3.826	4.324
432	TEACHER-MUSIC	34	2.795	1.894	5.344	6.118	3.783	3.195	5.618	3.449	2.650	3.197	5.355
440	TEACHER-HANDICAPPED	19	2.951	1.097	4.621	5.599	3.883	3.162	4.950	2.975	2.083	3.730	4.591
450	SCHOOL ADMIN (EXC COLL)	67	2.545	1.651	4.687	5.859	3.487	3.265	4.953	3.571	2.107	2.736	4.281
460	COLL/UNIV TCHR (NEC)	170	2.528	1.323	4.787	5.452	3.226	3.479	4.891	3.198	2.101	2.673	4.906
461	COLL/UNIV TCHR-MATH	23	2.138	1.138	4.325	3.065	4.254	3.443	3.814	2.899	2.896	1.634	2.382
462	COLL/UNIV TCHR-SCI	40	3.271	1.718	4.837	6.955	3.697	3.850	5.248	3.296	2.734	2.727	4.717
463	COLL/UNIV TCHR-SOC SCI	55	2.171	1.327	4.845	4.490	3.504	3.653	5.655	2.656	1.972	2.385	4.488
464	COLL/UNIV TCHR-ENGLISH	57	2.198	1.034	4.650	3.910	3.674	2.751	5.045	2.774	1.602	2.629	4.215
465	COLL/UNIV TCHR-FOR LANG	15	2.694	1.682	3.295	4.495	3.826	2.825	5.147	3.204	1.512	1.751	4.086
521	CLERGYMAN	176	2.997	1.605	5.550	6.876	4.140	3.638	5.020	3.285	2.340	2.771	4.756
522	MONK, BROTHER, NUN	16	3.596	1.673	6.439	8.631	5.134	3.605	5.560	3.008	2.778	2.549	7.228
523	RELIG WRKR (OTHER)	14	2.442	1.737	5.655	5.060	2.476	2.344	6.666	3.009	1.939	2.925	3.549
531	WRITER (NEC)	24	2.339	1.532	4.699	6.357	4.568	4.408	6.108	3.575	2.095	3.147	5.169
534	JRNLIST/REPRTER	43	2.431	1.070	5.031	7.284	4.139	3.966	5.441	2.710	2.174	3.187	4.573
539	TRNSLTR, INTRPRTR, LINGST	9	2.000	1.054	6.623	4.116	5.947	5.840	6.481	3.667	2.421	3.844	5.247
541	FINE ARTS	16	2.849	1.932	4.940	8.202	4.410	4.374	6.131	1.825	1.965	3.160	4.285
545	COMM ARTIST	49	2.698	2.228	5.434	8.574	4.029	3.344	5.239	2.771	2.373	3.011	4.342
547	DESIGNER (CONS GDS)	28	2.879	2.164	4.948	8.677	3.594	3.247	4.582	2.644	2.529	2.740	5.388
551	MUSICIAN	24	2.953	2.022	5.621	8.819	4.170	4.323	5.756	3.989	2.410	3.099	5.618

TABLE 1.3 (continued)

#	GROUP	N	MEANS										
			ENG. TEST (CONTD.)									MATH TEST	
			USAGE	EFFECT EXPRESS	WORD FN IN SENT	READING COMP	CREATIVITY	MECH REASONING	VIS IN 2-DIM	VIS IN 3-DIM	ABSTRACT REAS	ARITH REASONING	INTRO HS MATH
			R-234	R-235	R-240	R-250	R-260	R-270	R-281	R-282	R-290	R-311	R-312
559	MUSIC-RELATED (MISC)	15	18.667	10.600	14.667	38.467	11.333	13.733	16.133	10.267	10.733	10.533	14.600
575	THEATRE (OTHER)	23	18.348	10.783	14.174	41.870	13.783	16.696	17.565	11.957	11.304	12.000	14.913
578	RADIO/TV ANNOUNCER	17	18.647	9.941	14.529	39.353	12.235	13.412	12.235	9.824	10.294	11.000	12.176
579	MISC PERF ARTS	12	18.583	8.333	9.583	35.000	10.917	13.917	16.000	11.000	10.417	9.167	12.167
611	ATHLETE	10	17.000	9.900	10.100	36.300	10.500	14.100	16.900	10.600	10.300	10.400	13.500
612	PRO ATHLETICS (AUX)	15	16.400	9.200	10.200	36.400	10.467	12.667	15.267	9.000	9.533	11.200	13.333
621	RECREATION DIR	18	17.056	8.667	9.556	31.389	8.833	12.056	13.278	8.944	10.333	9.222	11.778
623	FRSTRY, HUNT, TRAP	19	16.316	8.632	9.526	31.421	9.842	13.789	15.053	10.316	9.263	9.158	9.632
631	FARM/RANCH OWNER	128	15.961	9.844	9.472	29.289	9.695	13.703	15.117	10.055	9.508	9.383	11.461
639	FARMING (OTHER)	244	16.098	8.586	9.180	28.836	9.238	13.783	14.402	9.197	8.922	9.357	10.652
640	MILITARY (RANK NOT IND)	54	17.222	9.370	10.537	35.278	11.407	14.481	15.370	10.796	9.759	9.370	12.259
641	MILITARY-ENLISTED	13	16.154	9.000	9.154	34.462	10.231	12.923	14.538	10.231	9.308	9.615	10.077
642	MILITARY-OFFICER	[illegible]	19.176	10.222	14.426	41.139	13.426	16.361	16.981	11.713	11.472	12.491	17.278
650	INTELLIGENCE-CIA, ETC.	21	17.810	9.571	11.667	39.095	11.714	15.286	15.095	10.905	10.714	11.476	15.296
661	POLICE (PUBLIC)	151	17.430	9.000	9.517	33.583	10.046	12.967	14.391	9.258	9.132	9.093	10.930
666	FIREMAN	41	15.659	8.561	8.390	32.659	9.927	13.171	15.415	9.366	9.244	9.595	10.619
669	OTHER PROTECTIVE	22	16.682	9.091	9.773	34.500	10.364	13.455	15.227	10.045	9.000	9.364	9.955
711A	BANKING & FINANCE, I	63	17.317	9.444	10.317	34.825	10.745	13.365	14.476	10.079	9.603	10.349	10.857
711B	BANKING & FINANCE, II	116	18.422	10.190	12.776	39.457	11.879	14.172	14.966	10.405	10.734	11.543	16.250
712	INVSTMNT, STOCK CONSULT	11	18.455	9.909	17.455	39.364	10.273	12.818	15.727	10.636	11.636	12.273	12.455
716	CPA	[illegible]	18.032	9.575	12.414	37.471	11.143	14.161	15.868	10.226	10.727	11.535	16.004
717	ACCTANT (EXC CPA)	[illegible]	17.619	9.426	11.606	36.638	10.213	13.119	14.659	9.303	9.376	10.693	13.609
721	PURCHASING AGENT	25	16.920	9.400	12.360	36.520	10.960	12.840	14.600	9.240	9.320	10.622	13.960
722	RETAIL BUYER	22	17.227	9.136	8.909	35.545	11.500	13.364	13.000	9.000	9.455	10.364	13.182
723	EFFICIENCY EXPERT	111	17.991	9.874	12.748	38.189	11.721	14.955	15.396	10.613	10.640	11.775	16.090
724	ADVERTISING	40	18.150	9.825	12.500	37.250	11.225	12.550	14.300	9.700	10.500	10.222	13.775
725	PUBLIC RELATIONS	31	19.129	10.000	13.806	39.371	12.065	13.258	14.387	9.677	10.581	10.710	14.097
726	PERSONNEL ADMIN	81	18.210	9.901	12.963	38.939	11.259	13.926	14.963	10.222	10.457	11.123	15.494
727	APPRAISING, ESTIMATING	36	17.417	9.972	12.444	37.139	11.194	15.056	15.611	10.639	10.806	11.333	13.889
728	LOAN/CREDIT INVESTIG	29	17.000	9.379	12.448	36.931	11.759	13.793	15.448	9.655	10.414	10.655	13.207
730	BUS MGMT ADM (NEC)	511	18.074	9.587	12.129	37.483	11.883	14.730	15.668	10.552	10.862	11.427	15.159
731	MFG MGMT	95	18.621	10.074	13.347	39.022	12.579	15.726	16.337	10.879	10.800	12.042	15.105
732	WHSL/RET TRADE MGMT/MKTG	[illegible]	17.938	9.552	11.576	37.421	11.415	13.923	15.246	10.185	10.535	10.856	13.651
738	SUPERVISOR IN BUS	87	16.943	8.494	9.322	32.368	10.241	13.563	14.920	9.632	9.471	9.141	11.839
741	SLSCLERK	23	15.913	9.130	9.870	30.261	9.730	13.478	14.304	9.522	9.826	9.261	11.130
742	RTEMAN (MILK, LAUNDRY, ETC)	12	15.833	8.917	9.000	27.000	7.833	10.583	12.500	7.500	7.667	7.593	8.750
743	STOCKBROKER	23	18.870	10.087	12.217	42.609	12.304	14.174	15.348	10.652	10.261	11.696	15.826
745	REAL ESTATE SLSMAN	26	17.308	9.885	12.846	35.962	11.962	14.462	14.654	11.038	11.077	11.731	15.308
746	INSURANCE SLSMAN	61	17.984	9.492	11.279	35.492	11.180	13.721	14.984	10.426	10.443	11.316	13.377
747	AUTO SLSMAN	22	18.136	9.409	11.727	35.364	10.909	13.909	13.591	10.136	10.682	9.727	12.636
748	OTHER SLSMAN (NEC)	350	17.289	9.343	10.422	34.946	10.454	12.643	14.337	9.437	9.757	10.277	12.629
749	SALES MGR	73	17.747	9.548	12.082	35.904	11.356	14.082	14.904	10.027	10.479	10.959	13.932
751	BOOKKEEPER	10	16.800	8.700	8.800	30.100	11.700	14.600	15.700	8.900	9.100	8.600	12.100
755	MISC ACCT RECDG	27	17.111	9.222	9.222	31.630	9.741	12.481	13.519	8.556	8.889	8.815	9.556
758	COMPUTER OPERATOR	78	17.910	9.154	10.103	33.000	10.590	13.167	15.449	9.615	10.192	10.026	12.936
769	CLERK (MISC)	24	15.958	7.875	9.333	26.917	8.917	11.083	11.542	7.292	7.375	7.042	8.958
772	OFFICE MGR	28	17.179	9.643	10.143	31.357	9.607	12.643	14.214	8.429	9.643	9.179	10.321
789	OTHER "PUB CONT" OCCS	14	17.714	9.000	8.571	32.929	10.214	13.500	13.429	9.571	9.714	10.357	12.214
791	RADIO, TELEGR, TTY OP	14	16.000	7.857	7.786	30.357	9.643	13.500	12.857	9.643	8.500	8.643	10.000
797	MISC CLERICAL	112	16.598	8.964	9.839	31.214	9.536	12.518	12.589	9.741	9.357	9.304	11.080
798	MISC ADMINISTRATIVE	38	17.579	9.263	10.000	35.868	10.816	13.579	15.237	10.132	9.763	9.974	11.895
810	ELECTRICIAN	153	16.196	8.595	9.810	30.921	9.762	13.774	14.476	10.077	9.405	9.125	10.899
811	ELECTRONIC TECHNICIAN	[illegible]	17.302	9.090	10.955	36.104	11.651	15.604	15.769	11.288	10.467	10.849	13.774
812	APPLIANCE REPAIR	55	16.236	8.309	9.345	30.364	8.691	13.000	13.764	9.891	9.218	8.836	10.345
813	PHONE INSTALL & REPAIR	39	16.487	9.436	9.128	32.949	10.744	14.308	14.564	10.564	10.000	9.590	11.487
814	REPAIR & SERV COMP	32	17.344	9.031	11.933	36.219	12.969	16.344	17.656	11.781	11.219	11.331	14.656
820	MECHANIC (NEC)	116	16.164	9.328	9.172	27.793	9.422	13.517	14.733	9.474	8.767	8.491	9.405
821	AUTO MECHANIC	74	16.338	8.176	9.257	29.985	10.243	13.338	14.405	9.865	9.095	8.743	9.230
822	AIRPLANE MECHANIC	68	16.529	9.074	8.250	32.206	10.000	14.103	14.882	10.265	9.250	8.456	9.603
823	OFFICE MACH REPAIR	17	16.706	9.706	9.529	31.647	11.000	14.412	14.235	9.765	9.647	10.300	12.588
824	IND MACH REPAIR	21	16.381	9.190	7.381	31.095	9.810	15.238	14.524	10.762	9.333	9.238	10.000
828	MACHINIST	176	16.392	8.534	8.983	29.744	9.972	13.835	14.591	10.210	9.403	9.222	10.455
831	CABINET MAKER	13	17.077	9.846	7.615	29.923	10.231	13.385	14.923	10.000	8.154	8.538	8.615
832	CARPENTER	55	15.982	8.345	7.091	27.636	9.055	13.764	15.491	10.636	9.618	8.836	8.927
833	METAL TRADES	92	15.685	8.402	7.739	27.250	8.587	13.163	14.022	9.717	8.924	7.739	9.359
834	BRKLYR, MASON, PTR, RFR	42	15.710	9.274	7.742	28.429	9.532	13.048	14.839	9.532	8.516	9.097	9.919
835	PLUMBER, PIPEFTR	72	15.944	9.514	8.042	28.722	9.000	12.375	13.514	9.444	8.750	9.542	9.722
836	HEAVY EQUIP OP	47	16.255	9.596	7.872	29.468	9.064	13.106	13.809	9.234	8.553	8.447	9.894
837	MISC BLDG & CONST	71	15.873	8.719	9.310	30.197	9.789	12.958	13.718	9.873	9.197	9.070	10.761
838	MINING, QURYNG, DRLNG	16	14.875	9.063	9.063	27.250	8.875	12.563	14.938	9.188	8.563	9.000	8.500
841	PILOT	99	17.929	9.606	12.657	39.364	12.606	16.343	17.131	11.828	11.222	11.596	15.616
848	AIR TRAFFIC CONTROLLER	13	17.769	9.077	10.846	38.154	11.385	13.692	13.538	10.538	10.385	11.000	14.077
851	MERCHANT MARINE OCC	10	18.600	9.400	12.700	39.500	13.900	14.900	14.000	10.500	11.100	12.200	14.400
852	RAILROAD OCCS	10	16.100	8.300	9.000	31.400	8.900	13.000	14.500	9.700	8.300	8.900	12.000
853	AUTO, BUS, TRUCK DRVR	95	15.447	8.189	8.047	25.471	8.788	12.647	13.447	8.953	8.319	8.153	8.329
861	PRINTING TRADES	106	16.132	8.538	8.302	30.613	9.208	12.840	14.075	8.972	9.387	9.160	9.906
863	SURVEYOR	27	16.778	8.852	10.074	31.852	11.963	14.630	16.333	10.667	10.074	10.037	14.074
864	DRAFTSMAN	140	16.550	8.914	9.407	31.486	10.343	14.086	15.450	10.964	10.221	9.600	11.879
865	PHOTOGRAPHY	39	16.256	9.000	9.846	31.769	10.436	13.949	13.615	9.615	9.513	9.538	11.538
867	LANDSCAPE ARCHIT	13	20.077	9.769	13.385	41.385	13.077	16.846	14.769	10.846	12.385	12.000	15.154
868	CLTHNG & FASH TRADES	14	17.786	9.929	10.214	30.857	8.643	12.429	15.071	10.286	9.429	9.286	11.957
881	FOOD & BEVERAGE PREP	28	15.500	9.464	7.429	26.214	8.357	11.571	11.893	9.179	9.107	9.214	9.536
885	BUTCHER, MEAT CUTTER	23	14.609	7.609	7.261	25.826	8.174	11.696	11.870	7.957	7.609	8.087	8.391
891	MISC PERSONAL SERVICES	12	14.750	9.000	8.583	31.000	9.500	11.833	15.583	10.500	9.833	8.667	11.417
892	BARBER	41	15.854	7.683	7.951	25.829	7.293	11.902	12.595	9.146	9.365	7.220	8.585
893	HAIRDRESSER	15	15.533	9.467	7.500	26.200	7.867	11.867	14.400	7.733	9.400	7.000	8.333
899	GENERAL LABORER	277	15.661	9.238	7.755	27.606	8.866	12.285	13.578	9.939	9.498	8.419	9.332
	TOTAL	14123	17.666	9.429	11.704	35.799	11.125	14.195	15.177	10.349	10.267	10.698	13.972

TABLE 1.3 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			ENG. TEST (CONTD.)									MATH TEST	
			USAGE	EFFECT EXPRESS	WORD FN IN SENT	READING COMP	CREATIVITY	MECH REASONING	VIS IN 2-DIM	VIS IN 3-DIM	ABSTRACT REAS	ARITH REASONING	INTRO HS MATH
			R-234	R-235	R-240	R-250	R-260	R-270	R-281	R-282	R-290	R-311	R-312
559	MUSIC-RELATED (MISC)	15	3.416	1.056	5.728	8.167	3.619	4.495	4.955	3.283	2.344	3.796	5.152
575	THEATRE (OTHER)	23	3.009	1.347	4.849	5.627	2.907	3.253	4.099	3.637	2.382	2.844	5.204
578	RADIO/TV ANNOUNCER	17	4.527	2.249	4.758	8.268	4.309	4.417	6.732	3.283	2.974	3.889	5.282
579	MISC PERF ARTS	13	2.065	2.741	4.738	6.967	3.554	3.753	4.295	2.449	2.065	3.157	5.060
611	ATHLETE	10	2.309	1.449	4.358	5.273	3.100	3.281	4.748	2.366	1.826	2.875	3.808
612	PRO ATHLETICS (AUX)	16	2.947	2.426	4.828	7.808	3.461	3.677	5.700	2.777	2.748	3.783	4.995
621	RECREATION DIR	19	3.077	2.657	4.902	9.375	3.111	4.905	5.289	2.489	2.765	3.797	4.479
623	FRSTRY, HUNT, TRAP	10	3.606	1.932	4.234	10.052	3.270	3.310	6.142	3.845	3.263	4.031	4.003
631	FARM/RANCH OWNER	123	3.047	2.105	4.683	9.961	4.238	3.541	4.733	3.082	2.617	3.011	4.685
639	FARMING (OTHER)	234	3.111	2.255	4.273	9.899	3.955	3.545	5.296	3.208	2.789	3.160	4.526
640	MILITARY (RANK NOT IND)	55	2.703	2.031	5.008	8.773	4.086	3.654	5.482	3.542	3.089	3.252	5.799
641	MILITARY-ENLISTED	13	2.577	1.581	4.220	8.647	2.774	4.010	6.319	3.244	2.287	3.501	4.716
642	MILITARY-OFFICER	100	2.460	1.579	5.031	6.153	3.623	2.777	4.931	3.027	1.887	2.508	4.400
650	INTELLIGENCE-CIA, ETC.	21	3.076	1.660	5.151	10.583	4.540	2.741	3.793	3.859	2.348	2.909	4.125
661	POLICE (PUBLIC)	111	3.034	2.200	4.689	9.520	3.495	3.737	5.800	3.301	2.690	3.106	4.548
666	FIREMAN	41	2.921	2.344	3.499	8.197	3.850	3.499	4.674	2.973	2.990	3.154	4.636
669	OTHER PROTECTIVE	37	3.030	1.630	4.105	9.551	4.112	3.082	6.488	2.699	3.039	2.105	5.481
711A	BANKING & FINANCE, I	53	2.639	1.759	3.967	7.768	3.703	3.313	5.503	3.189	2.159	2.925	4.223
711B	BANKING & FINANCE, II	115	2.446	1.456	5.300	5.900	3.475	3.399	5.204	3.030	2.445	3.096	4.547
712	INVSTMNT, STOCK CONSULT	11	2.382	2.212	2.945	7.632	4.125	4.215	4.328	3.295	1.572	2.328	4.083
716	CPA	[illegible]	2.748	1.840	5.118	7.904	3.824	3.811	5.391	3.237	2.402	2.803	4.862
717	ACCTANT (EXC CPA)	[illegible]	2.525	1.839	5.349	8.641	4.032	4.285	5.855	3.528	2.867	2.972	4.859
721	PURCHASING AGENT	25	2.414	1.971	4.071	7.241	3.034	3.659	5.972	2.891	3.262	2.930	4.903
722	RETAIL BUYER	22	3.294	1.726	3.599	10.953	3.349	3.553	6.377	4.309	2.663	3.200	3.875
723	EFFICIENCY EXPERT	111	2.868	1.738	5.653	7.049	3.769	3.254	5.365	3.031	2.190	2.987	4.952
724	ADVERTISING	4	2.547	1.708	4.701	7.598	3.490	3.961	5.070	3.618	2.342	3.006	4.583
725	PUBLIC RELATIONS	41	2.232	1.789	4.863	5.463	3.803	3.975	5.702	2.993	2.197	2.923	4.174
726	PERSONNEL ADMIN	21	2.484	1.310	4.543	5.418	3.434	3.748	5.389	3.221	1.747	2.865	4.354
727	APPRAISING, ESTIMATING	[illegible]	3.018	1.612	4.849	6.753	3.413	3.329	4.311	3.244	2.136	2.533	4.528
728	LOAN/CREDIT INVESTIG	[illegible]	4.637	2.611	5.139	7.000	3.020	3.374	3.449	2.844	2.719	3.638	5.839
730	BUS MGMT ADM (NEC)	[illegible]	2.685	1.923	5.072	8.385	3.803	3.519	5.433	3.129	2.455	3.164	5.211
731	MFG MGMT	[illegible]	2.969	1.752	5.451	7.912	3.983	3.541	5.119	3.155	2.487	3.035	4.922
732	WHSL/RET TRADE MGMT/MKTG	[illegible]	3.220	1.995	5.020	7.373	3.712	3.222	4.884	3.210	2.356	3.198	5.240
738	SUPERVISOR IN BUS	[illegible]	3.394	2.332	4.629	8.615	3.657	3.854	5.727	3.282	2.706	3.403	5.099
741	SLSCLERK	22	4.111	2.564	4.235	10.060	3.621	3.776	6.241	3.836	3.353	3.558	4.799
742	RTEMAN (MILK, LAUNDRY, ETC)	12	2.209	2.193	4.671	9.665	2.758	3.476	5.697	2.714	2.964	2.193	3.388
743	STOCKBROKER	22	2.546	1.649	5.969	5.821	4.332	3.550	5.407	3.575	2.767	3.509	5.758
745	REAL ESTATE SLSMAN	25	3.121	2.285	5.998	10.918	4.045	3.922	4.381	2.778	2.153	2.442	4.371
746	INSURANCE SLSMAN	61	2.717	1.567	4.726	9.106	3.909	3.625	5.649	3.175	2.218	3.144	5.245
747	AUTO SLSMAN	21	2.455	1.790	4.753	7.519	3.963	3.206	6.508	2.965	2.767	3.731	4.204
748	OTHER SLSMAN (NEC)	[illegible]	2.868	2.174	4.916	8.474	3.893	3.592	5.590	3.120	2.715	3.230	5.009
749	SALES MGR	73	2.695	1.972	5.580	7.798	3.450	3.423	4.987	3.018	2.049	2.835	4.706
751	BOOKKEEPER	10	3.155	2.791	4.517	9.315	4.084	3.340	6.684	3.425	3.510	3.627	5.820
755	MISC ACCT RECDG	17	2.651	2.407	4.335	7.850	3.623	3.251	5.438	3.262	2.953	2.896	4.518
758	COMPUTER OPERATOR	[illegible]	2.348	1.781	4.855	9.552	3.750	3.969	5.467	3.420	2.819	3.108	5.231
769	CLERK (MISC)	[illegible]	2.985	2.724	3.919	10.842	4.232	4.169	5.540	2.579	3.097	4.349	4.563
772	OFFICE MGR	39	1.982	2.248	5.104	8.757	3.735	3.993	4.992	3.726	2.628	3.334	4.667
789	OTHER "PUB CONT" OCCS	16	2.400	2.075	5.690	7.830	3.662	3.107	4.879	3.694	2.751	3.342	4.677
791	RADIO, TELEGR, TTY OP	14	1.797	1.610	2.392	5.372	3.795	3.737	6.643	3.522	1.912	2.925	3.234
797	MISC CLERICAL	112	3.292	2.084	5.375	10.780	4.272	4.468	6.130	3.561	2.931	3.531	5.421
798	MISC ADMINISTRATIVE	[illegible]	2.678	2.088	5.886	7.974	4.093	3.469	4.652	3.086	2.614	3.575	5.316
810	ELECTRICIAN	[illegible]	2.900	2.327	4.553	10.258	4.072	3.699	5.584	3.334	2.590	3.168	4.604
811	ELECTRONIC TECHNICIAN	212	2.782	2.096	4.793	8.072	3.772	3.204	4.967	2.897	2.460	2.948	4.911
812	APPLIANCE REPAIR	55	3.771	2.486	4.406	9.316	4.189	3.911	6.384	3.149	2.462	3.532	5.310
813	PHONE INSTALL & REPAIR	29	3.260	1.957	4.225	9.646	3.761	2.876	5.103	2.404	2.565	3.338	4.316
814	REPAIR & SERV COMP	42	2.784	2.429	4.931	9.454	4.060	2.969	4.783	2.524	2.406	3.248	5.751
820	MECHANIC (NEC)	116	3.217	2.256	3.983	10.465	4.112	3.964	5.667	3.299	3.210	3.240	3.692
821	AUTO MECHANIC	75	3.819	2.366	5.026	11.449	4.655	4.373	5.905	3.446	2.858	3.672	5.095
822	AIRPLANE MECHANIC	[illegible]	3.000	2.111	4.513	9.040	3.442	3.306	4.563	2.910	2.262	3.044	4.257
823	OFFICE MACH REPAIR	17	2.889	1.649	4.048	10.320	4.373	3.858	6.524	4.055	3.390	3.937	4.823
824	IND MACH REPAIR	21	2.924	2.639	3.369	9.027	4.308	3.048	4.697	2.663	2.852	3.974	4.405
828	MACHINIST	170	3.124	2.206	4.191	9.689	3.764	3.403	5.886	3.306	2.494	3.020	4.582
831	CABINET MAKER	12	2.565	2.154	3.355	9.287	4.381	2.931	4.609	2.887	2.230	3.620	4.093
832	CARPENTER	55	3.183	2.351	3.748	9.107	3.561	3.522	4.541	2.613	2.947	3.066	4.145
833	METAL TRADES	29	3.325	2.209	3.925	9.550	3.724	3.156	6.018	2.903	2.722	3.298	4.434
834	BRKLYR, MASON, PTR, RFR	52	3.346	2.549	3.715	9.812	4.837	4.107	5.775	3.463	3.119	3.283	4.593
835	PLUMBER, PIPEFTR	73	3.254	2.182	4.362	9.860	4.431	4.359	5.719	3.288	2.896	3.162	4.233
836	HEAVY EQUIP OP	47	2.908	1.974	3.826	8.091	3.608	3.509	5.640	3.045	2.780	3.335	4.588
837	MISC BLDG & CONST	71	3.075	2.071	4.717	10.810	4.102	4.180	5.870	3.093	3.087	3.575	4.921
838	MINING, QURYNG, DRLNG	16	2.729	3.214	4.973	11.204	3.263	2.529	4.057	2.880	3.224	3.162	4.472
841	PILOT	30	3.535	1.937	5.196	6.756	3.350	3.061	4.633	2.997	2.038	3.298	5.233
848	AIR TRAFFIC CONTROLLER	13	2.651	1.801	4.670	9.923	2.534	2.898	4.960	3.126	2.987	2.769	5.235
851	MERCHANT MARINE OCC	13	3.098	1.430	4.138	7.059	3.615	3.573	4.807	3.504	3.247	3.360	5.929
852	RAILROAD OCCS	12	2.331	2.584	4.082	5.522	3.479	4.028	4.503	4.715	2.791	2.860	5.793
853	AUTO, BUS, TRUCK DRVR	35	3.640	2.338	4.183	10.047	3.764	4.002	4.944	3.151	3.270	3.194	3.809
861	PRINTING TRADES	126	2.973	2.094	4.136	9.236	3.905	3.870	5.692	3.525	2.981	3.093	3.900
863	SURVEYOR	27	2.966	2.413	4.640	10.053	3.299	2.976	5.805	3.431	3.050	4.247	4.984
864	DRAFTSMAN	140	3.213	1.987	4.330	8.704	3.722	3.240	5.095	2.736	2.479	2.962	4.694
865	PHOTOGRAPHY	30	3.633	1.892	5.274	11.944	4.272	4.489	6.176	3.788	2.761	3.698	4.833
867	LANDSCAPE ARCHIT	13	2.722	1.589	4.556	4.700	3.013	2.544	3.320	3.555	1.446	2.082	4.413
868	CLTHNG & FASH TRADES	14	2.577	2.401	5.466	11.608	5.242	4.415	5.636	4.122	3.567	3.268	4.258
881	FOOD & BEVERAGE PREP	23	2.900	2.755	4.500	11.742	4.039	4.426	5.977	3.702	3.573	3.563	4.476
885	BUTCHER, MEAT CUTTER	23	4.325	2.624	4.298	11.664	4.303	4.685	6.608	3.637	3.564	3.630	4.736
891	MISC PERSONAL SERVICES	12	3.793	2.163	4.502	12.424	5.018	3.460	4.814	3.371	2.949	3.025	5.017
892	BARBER	41	2.903	2.724	3.478	9.980	3.710	3.747	5.329	2.833	2.557	3.267	4.050
893	HAIRDRESSER	15	2.850	2.134	3.757	11.465	3.701	4.274	5.865	4.317	3.089	3.982	4.012
899	GENERAL LABORER	277	3.213	2.200	4.005	9.759	3.826	3.621	5.733	3.246	2.836	3.196	4.080
	TOTAL	14122	3.170	2.074	5.522	9.537	4.141	3.823	5.449	3.351	2.748	3.442	5.692

TABLE 1.3 (continued)

			MEANS										
			MTH TST(CD.)										I.I.
#	GROUP	N	ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH
			R-333	F-410	F-420	F-430	F-440	A-410	A-420	A-430	A-440	A-500	P-701
000	NO ANSWER	1812	4.729	31.924	11.106	26.221	22.365	43.975	17.022	41.395	24.987	56.856	22.093
001	DON'T KNOW	903	4.491	31.418	10.712	26.394	21.949	43.578	17.098	41.502	24.604	57.635	20.321
101	EXECUTIVE (NEC)	43	5.116	40.814	13.721	34.047	23.512	46.953	18.186	46.233	26.070	52.349	23.349
102	FOREMAN (NEC)	49	3.449	30.367	10.653	21.469	22.673	42.775	17.714	40.327	26.184	64.367	22.429
111	WORK FOR GOVT (NEC)	52	4.538	33.731	11.404	26.788	23.038	44.038	16.942	43.019	25.731	60.500	18.019
112	IN BUS FOR SELF (NEC)	278	4.201	31.644	11.784	26.504	23.360	43.155	17.576	41.381	25.993	56.219	20.673
120	IND, BUS, COMM (NEC)	141	4.645	33.355	13.255	28.199	23.021	43.936	18.348	43.574	26.199	58.702	21.652
121	RETAIL (NEC)	33	4.121	35.848	13.091	31.273	24.242	44.333	16.485	40.364	24.606	64.909	19.394
122	TRANSPORTATION (NEC)	27	3.741	31.852	13.407	25.741	23.037	40.741	17.259	43.815	25.000	63.926	19.963
123	REAL ESTATE (NEC)	17	4.706	33.412	9.882	30.235	24.176	45.824	16.941	43.000	26.765	69.059	19.941
124	INSURANCE (NEC)	35	5.314	37.114	11.914	30.371	22.543	45.343	16.143	43.143	25.114	61.000	20.771
125	ELECTRONICS (NEC)	155	4.359	31.058	12.526	27.788	22.590	42.314	17.064	40.994	25.090	56.968	25.551
150	RESEARCH (NEC)	9	7.778	46.667	14.000	27.111	24.444	50.222	21.111	46.222	26.667	55.667	29.111
211	MATH, STAT	46	9.696	45.826	11.739	28.609	22.717	51.217	17.522	45.217	24.370	53.435	22.739
212	OTHER STATISTICS	14	10.929	50.214	11.643	26.071	19.571	54.214	20.786	43.500	24.286	55.786	29.500
221	SYSTEMS ANALYST	42	8.357	35.667	11.810	31.500	25.024	52.619	17.143	42.738	24.738	57.452	30.357
222	COMPUTER PROGRAMMER	121	6.240	39.066	12.669	29.207	23.620	48.124	18.041	41.273	26.132	56.884	25.388
229	COMPUTER SPEC (NEC)	20	6.300	46.450	10.650	22.600	23.400	50.050	17.550	42.800	26.600	57.100	28.450
230	PHYSICAL SCI (NEC)	18	9.833	41.056	14.167	30.333	24.000	48.167	17.333	41.667	25.778	53.333	28.889
231	CHEMIST	81	8.741	41.593	11.148	30.519	22.160	47.765	16.457	40.741	23.963	52.506	30.963
232	PHYSICIST	64	9.563	39.984	11.500	29.078	23.141	49.484	17.094	42.141	25.141	55.953	32.766
234	GEOLOGIST	17	9.000	30.353	13.353	30.176	28.824	49.235	21.353	44.765	31.294	65.294	29.765
235	METEOROLOGIST	10	9.300	40.000	11.400	32.700	24.300	52.000	18.400	41.500	26.600	51.200	29.700
240	ENGINEER (NEC)	167	8.503	44.605	11.994	30.263	23.982	50.018	17.635	41.641	25.605	51.922	31.210
241	CIVIL ENGINEER	105	7.733	43.448	11.800	28.486	23.267	49.619	18.200	44.400	25.629	53.038	29.371
242	ELECTRICAL ENGINEER	243	8.798	42.531	12.807	30.626	24.782	49.790	18.198	41.621	26.831	54.691	32.267
243	MECH ENGINEER	143	8.476	42.559	12.126	29.510	23.797	49.441	18.112	41.091	26.049	54.063	32.783
244	AERONAUTICAL ENG	37	8.324	41.811	14.027	31.730	26.676	48.189	19.270	43.838	28.514	61.892	31.568
245	CHEM ENGINEER	58	9.500	44.966	14.276	33.897	25.207	51.172	18.621	44.931	27.138	53.483	33.328
250	ARCHITECT	58	7.310	39.017	11.828	29.259	25.448	48.397	16.724	41.397	27.276	51.241	27.328
299	PHYS SCI, LAB TECH	78	5.654	36.808	11.628	30.244	22.654	45.526	16.551	40.910	25.167	60.795	24.231
310	BIOLOGIST, ZOOLOGIST	32	7.031	37.344	10.469	29.344	23.281	46.719	14.969	40.219	25.594	51.938	27.250
313	SPEC IN AGRIC SCI	35	4.914	36.771	11.943	24.914	22.943	45.800	16.514	42.857	25.343	53.514	21.000
314	WLDLF/FOREST SPEC	49	5.367	30.775	11.531	25.694	23.449	43.837	15.694	38.102	25.041	52.796	24.347
316	MICROBIOLOGIST	15	7.067	41.400	14.800	29.800	21.267	46.733	19.333	45.000	26.200	62.000	27.067
317	BIOCHEMIST	9	10.111	47.444	8.667	29.444	27.556	51.444	19.778	43.667	30.667	66.222	31.333
322	MD-SURGEON	14	8.786	48.500	16.786	40.143	25.857	55.071	21.929	47.857	27.000	53.786	28.500
329	MD-OTHER	223	9.323	46.214	11.933	33.516	23.672	53.009	17.956	44.332	25.777	51.338	27.537
332	DENTIST	97	7.649	41.722	13.021	29.423	25.196	49.392	17.577	43.649	27.526	55.320	26.804
333	VETERINARIAN	20	7.450	42.700	13.950	27.950	21.850	49.100	17.750	36.950	24.350	59.100	25.300
343	PHYS THERAPIST	11	4.273	27.818	13.091	23.727	25.091	40.182	17.455	43.364	27.818	58.727	21.455
347	MED/DENT TECHNOL	16	4.500	20.250	12.063	34.500	23.375	46.250	20.938	45.750	26.500	55.188	21.813
348	MED/DENT TECHNICIAN	27	4.185	33.741	14.370	28.481	20.407	41.444	17.704	44.185	25.037	70.222	24.148
350	HOSPITAL ADMIN	11	6.364	41.273	10.727	33.273	23.636	50.000	17.091	42.091	25.091	58.091	24.455
335	PHARMACIST	91	6.429	41.758	14.440	35.626	24.505	49.231	19.824	44.857	26.330	54.923	26.022
360	PSYCHOLOGIST	106	7.792	40.613	12.170	29.877	23.406	47.594	17.226	41.915	25.538	52.896	25.075
370	SOCIAL WORKER	60	5.450	29.333	10.450	29.933	21.983	45.867	19.417	44.300	25.083	59.683	21.333
371	PSYCHIATRIC SOC WRKR	9	5.111	37.889	9.889	9.889	17.333	43.222	14.556	37.333	22.444	50.667	17.889
372	COUNSELING/GUIDANCE	12	5.000	36.083	11.167	33.833	21.250	45.417	21.833	44.167	25.917	50.417	23.250
373	VOC/ED GUIDANCE	23	5.174	40.478	15.826	38.609	23.217	47.261	22.174	47.652	24.522	67.783	21.000
382	ECONOMIST	23	6.652	42.043	15.217	33.130	25.217	47.957	21.043	44.435	26.565	66.522	24.957
389	SOCIAL SCI (MISC)	21	6.571	34.429	10.476	31.095	21.000	48.905	17.810	43.095	23.762	52.000	25.429
392	DIPLOMAT	22	7.318	42.545	14.545	27.091	27.136	47.636	20.364	45.318	29.955	56.818	19.545
393	LAWYER	333	7.099	41.511	12.102	31.997	23.338	48.748	18.468	43.651	25.378	53.189	22.417
394	MARKET ANALYST	10	7.100	45.100	12.000	33.400	22.700	49.900	18.200	44.600	23.900	57.600	27.300
398	CITY PLANNER (NEC)	12	7.083	40.500	14.500	31.083	26.417	48.167	13.167	43.750	28.417	62.667	23.833
400	TEACHER (NEC)	423	5.527	39.392	11.544	30.163	23.605	48.442	17.366	44.092	25.799	60.310	22.551
412	TEACHER-ELEM	45	4.800	33.689	11.778	25.333	21.156	44.711	15.422	42.400	24.311	50.444	19.844
420	TEACHER-HS (NEC)	69	6.116	40.232	12.609	29.797	22.797	48.174	18.406	43.420	24.623	55.000	22.754
421	TEACHER-HS MATH	62	8.048	45.565	10.597	28.984	23.613	52.081	17.758	41.435	25.710	54.548	27.548
422	TEACHER-HS SCI	50	6.760	36.060	11.280	27.440	23.740	44.940	16.400	39.760	25.900	53.000	27.040
423	TEACHER-HS SOC ST	94	5.372	38.011	11.883	30.585	22.277	46.053	17.309	43.309	24.702	55.702	20.649
424	TEACHER-ENGLISH	45	5.978	37.333	11.556	31.889	23.800	47.378	16.222	42.022	25.489	52.289	18.644
425	TEACHER-FOREIGN LANG	10	5.600	39.900	9.400	35.300	19.000	45.900	14.200	43.300	20.800	47.200	20.200
426	TEACHER-COMM ED	16	3.625	34.250	9.938	28.250	20.875	42.750	15.438	41.250	22.250	55.188	20.625
428	TEACHER-TRADES	45	5.156	33.822	10.511	26.422	22.667	45.378	15.800	41.178	25.600	54.022	22.178
429	TEACHER-PHYS ED	57	5.140	34.667	13.193	29.825	22.632	46.667	17.789	43.719	25.298	57.737	20.351
431	TEACHER-ART	15	4.133	30.933	12.600	23.467	24.333	43.467	16.467	43.733	28.467	61.933	19.667
432	TEACHER-MUSIC	38	5.132	36.474	13.289	34.053	23.553	43.421	17.289	42.474	25.447	51.105	19.421
440	TEACHER-HANDICAPPED	18	5.944	37.111	9.111	28.667	22.333	46.000	14.222	38.444	24.778	50.056	22.167
450	SCHOOL ADMIN (EXC COLL)	43	5.140	38.767	11.674	25.512	21.698	46.209	16.977	41.791	24.535	57.605	19.512
460	COLL/UNIV TCHR (NEC)	179	7.419	41.709	12.637	32.011	23.950	50.000	18.223	43.855	26.095	55.369	22.598
461	COLL/UNIV TCHR-MATH	28	10.821	47.000	12.143	35.893	22.036	54.857	19.000	47.036	25.107	54.429	30.393
462	COLL/UNIV TCHR-SCI	68	8.794	41.574	11.015	27.412	22.853	48.985	16.515	37.235	25.412	52.618	30.147
463	COLL/UNIV TCHR-SOC SCI	85	6.965	42.341	11.812	31.412	23.318	48.035	16.635	41.576	24.988	55.282	23.506
464	COLL/UNIV TCHR-ENGLISH	57	9.404	43.702	12.281	33.386	24.895	49.667	17.860	45.175	26.088	54.105	23.175
465	COLL/UNIV TCHR-FOR LANG	15	8.067	39.333	6.800	29.333	19.667	55.333	16.267	43.200	21.800	56.667	22.200
521	CLERGYMAN	176	5.670	38.966	10.864	26.648	21.000	46.011	15.545	37.761	23.170	52.574	20.631
522	MONK, BROTHER, NUN	16	6.250	38.063	12.875	22.750	22.500	46.563	18.500	44.500	25.375	63.875	22.625
523	RELIG WRKR (OTHER)	14	5.214	39.286	13.286	18.000	24.143	49.857	18.571	44.857	28.000	59.571	23.643
531	WRITER (NEC)	24	4.417	36.042	12.417	27.708	20.042	43.542	15.833	41.375	21.708	53.250	18.833
534	JRNLIST/REPRTER	43	5.907	38.302	14.233	36.581	24.395	46.860	18.930	45.442	[illegible]	58.558	20.233
539	TRNSLTR, INTRPRTR, LINGST	9	6.667	40.222	11.000	35.556	25.222	45.556	15.000	44.444	25.333	63.111	20.667
541	FINE ARTS	16	4.125	27.313	10.625	23.250	24.438	39.563	15.875	37.500	25.563	55.063	14.688
545	COMM ARTIST	48	3.917	30.167	9.458	23.354	24.792	39.167	13.542	38.438	25.958	53.229	20.417
547	DESIGNER (CONS GDS)	28	4.857	31.750	11.393	27.643	26.179	45.321	15.393	41.500	27.607	56.000	21.536
551	MUSICIAN	24	5.000	32.333	9.667	31.542	20.500	44.833	14.667	45.375	22.000	56.583	18.292

TABLE 1.3 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			MTH TST(CD.)										I.I.
			ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH
			R-333	F-410	F-420	F-430	F-440	A-410	A-420	A-430	A-440	A-500	P-701
000	NO ANSWER	1812	3.172	20.027	10.154	19.437	8.069	10.452	10.309	14.976	7.621	23.425	8.663
001	DON'T KNOW	202	2.966	20.716	10.899	19.118	7.946	10.638	10.717	15.468	7.532	22.451	8.413
101	EXECUTIVE (NEC)	43	3.620	12.477	11.935	17.672	7.741	8.652	11.398	13.817	7.136	15.588	7.886
102	FOREMAN (NEC)	49	2.161	23.140	10.445	21.463	9.724	10.156	11.578	14.931	8.225	21.556	8.505
111	WORK FOR GOVT (NEC)	52	2.797	21.089	9.093	17.651	9.391	9.512	8.777	16.012	9.446	27.745	8.943
112	IN BUS FOR SELF (NEC)	278	2.643	17.523	11.076	17.848	8.381	10.539	10.852	15.411	7.488	23.210	8.280
120	IND, BUS, COMM (NEC)	141	3.031	17.120	9.681	20.905	7.725	9.360	9.902	14.976	7.590	24.099	7.809
121	RETAIL (NEC)	33	2.666	13.861	7.943	16.322	8.224	9.195	8.657	12.896	7.154	26.811	6.968
122	TRANSPORTATION (NEC)	27	2.212	18.979	13.019	23.842	7.871	14.759	13.555	16.534	8.357	26.592	7.969
123	REAL ESTATE (NEC)	17	2.889	16.897	4.622	11.399	5.703	8.376	5.471	11.853	5.826	23.102	8.151
124	INSURANCE (NEC)	35	2.643	13.858	7.147	13.463	9.008	6.264	7.476	14.510	9.333	19.549	9.598
125	ELECTRONICS (NEC)	155	2.578	17.219	11.158	18.204	7.045	10.589	11.333	15.400	6.746	22.101	7.748
150	RESEARCH (NEC)	9	3.032	15.033	13.153	28.096	9.976	12.667	11.773	19.383	8.231	17.585	5.278
211	MATH, STAT	46	3.018	10.419	5.471	15.242	6.466	8.695	6.224	13.885	6.180	16.627	6.195
212	OTHER STATISTICS	14	2.786	10.729	10.097	18.665	10.595	6.974	9.358	16.974	9.351	26.362	7.057
221	SYSTEMS ANALYST	62	3.526	34.579	9.002	15.635	7.897	10.355	8.533	12.816	7.057	27.577	8.407
222	COMPUTER PROGRAMMER	121	3.629	16.922	9.064	18.107	8.388	9.682	9.420	13.756	8.016	21.889	8.122
229	COMPUTER SPEC (NEC)	20	3.114	9.116	5.869	18.173	6.668	7.729	5.615	12.923	7.141	19.796	6.894
230	PHYSICAL SCI (NEC)	18	2.854	12.144.	15.023	17.707	7.896	10.194	14.076	14.572	7.175	15.104	9.743
231	CHEMIST	21	3.181	11.118	6.091	15.629	6.212	7.425	5.756	12.334	5.909	18.411	5.658
232	PHYSICIST	64	2.850	16.259	4.724	16.566	6.645	9.735	5.318	14.302	6.889	17.244	4.805
234	GEOLOGIST	17	2.958	11.974	14.058	18.865	5.282	9.230	14.409	18.325	6.233	30.238	6.457
235	METEOROLOGIST	10	3.199	18.160	6.450	15.063	5.514	7.424	8.872	15.551	5.777	25.385	6.001
240	ENGINEER (NEC)	167	2.873	10.861	6.334	14.657	5.902	8.663	6.772	13.170	6.178	16.498	6.620
241	CIVIL ENGINEER	105	2.877	12.639	9.035	19.948	7.028	8.941	9.402	14.063	6.935	18.243	5.972
242	ELECTRICAL ENGINEER	243	2.973	14.042	7.055	16.137	7.170	8.647	7.460	13.673	6.951	20.298	5.613
243	MECH ENGINEER	163	2.826	13.747	7.407	14.570	7.208	7.805	6.954	12.660	7.040	14.582	6.121
244	AERONAUTICAL ENG	37	3.019	11.921	9.412	16.406	6.988	8.582	8.248	13.959	7.478	29.560	4.705
245	CHEM ENGINEER	59	2.408	12.045	7.476	15.131	6.593	7.064	8.132	15.181	6.389	17.136	4.097
250	ARCHITECT	62	4.016	19.303	7.719	15.970	6.364	7.666	7.668	12.964	6.368	17.207	7.575
299	PHYS SCI, LAB TECH	24	3.411	12.135	6.618	15.531	8.709	9.827	6.683	13.541	8.220	28.221	8.601
310	BIOLOGIST, ZOOLOGIST	22	3.797	17.383	3.583	16.277	6.845	9.105	3.676	12.136	6.584	11.598	7.370
313	SPEC IN AGRIC SCI	26	2.381	14.633	6.490	16.863	6.380	10.087	7.872	12.700	6.756	19.211	9.440
314	WLDLF/FOREST SPEC	40	3.019	22.466	7.118	12.960	6.931	8.586	6.580	9.410	6.677	16.442	7.155
316	MICROBIOLOGIST	15	2.086	11.764	6.062	19.292	8.119	9.192	7.988	15.316	6.732	21.092	7.136
317	BIOCHEMIST	9	3.100	11.282	9.062	21.489	11.126	8.263	5.191	14.249	8.000	43.011	6.103
322	MD-SURGEON	14	2.694	12.787	16.154	11.766	6.347	10.972	15.244	15.332	6.939	35.803	6.430
329	MD-OTHER	229	2.596	13.053	6.196	16.063	6.240	8.007	6.386	13.214	6.479	16.949	6.438
332	DENTIST	37	2.724	14.295	6.890	18.445	6.466	7.733	6.860	12.586	6.879	17.527	6.863
333	VETERINARIAN	20	2.911	8.945	13.520	14.369	7.415	9.318	13.518	11.843	7.478	14.444	8.603
343	PHYS THERAPIST	11	2.284	13.362	8.479	14.954	6.300	9.304	10.755	16.518	7.387	16.298	7.840
347	MED/DENT TECHNOL	15	2.477	34.339	15.203	17.554	7.702	14.026	13.468	15.494	7.501	17.687	7.731
348	MED/DENT TECHNICIAN	27	2.113	13.603	11.603	13.718	10.782	8.816	12.200	16.504	7.144	32.074	7.053
350	HOSPITAL ADMIN	11	3.264	8.923	4.650	12.313	7.966	9.685	5.375	13.874	7.259	17.773	8.165
335	PHARMACIST	21	2.517	13.313	10.260	16.875	6.488	9.261	10.548	14.317	6.534	20.087	6.766
360	PSYCHOLOGIST	105	3.332	11.214	6.960	17.095	6.502	7.562	7.649	12.636	6.669	18.263	8.739
370	SOCIAL WORKER	62	2.994	23.256	11.490	18.674	8.867	10.329	12.932	15.054	7.725	25.286	7.490
371	PSYCHIATRIC SOC WRKR	9	2.028	12.474	5.183	21.900	7.842	10.906	7.780	11.292	5.126	13.802	8.448
372	COUNSELING/GUIDANCE	12	2.763	9.746	14.364	21.489	7.509	9.520	12.276	16.536	7.925	25.547	9.602
373	VOC/ED GUIDANCE	23	2.855	12.500	15.275	16.738	8.538	9.161	15.598	15.464	6.993	32.301	8.432
382	ECONOMIST	23	3.419	11.283	12.068	12.035	8.168	8.845	10.481	11.839	7.537	30.981	7.138
389	SOCIAL SCI (MISC)	21	3.668	17.665	4.179	15.662	6.099	9.828	5.853	10.606	5.656	17.983	9.163
392	DIPLOMAT	22	3.483	11.151	9.743	26.918	8.213	9.460	8.015	15.246	7.384	24.015	9.575
393	LAWYER	324	3.231	14.337	7.428	15.816	6.991	9.366	8.652	13.221	7.023	18.842	9.071
394	MARKET ANALYST	10	3.635	8.491	9.695	19.580	9.381	6.402	9.624	19.693	10.268	19.016	6.273
398	CITY PLANNER (NEC)	12	4.602	14.719	9.395	16.935	7.925	10.417	8.993	10.358	7.329	21.262	10.303
400	TEACHER (NEC)	423	2.935	15.243	8.489	18.072	7.742	9.202	8.410	14.364	7.355	24.754	8.879
412	TEACHER-ELEM	45	2.492	22.155	6.026	14.068	7.252	7.603	5.619	14.790	6.731	13.349	7.865
420	TEACHER-HS (NEC)	53	3.127	13.518	10.184	20.124	7.935	10.137	9.734	15.282	7.540	22.573	8.992
421	TEACHER-HS MATH	62	3.038	10.159	4.699	14.103	6.723	7.241	4.948	11.550	6.819	19.912	6.610
422	TEACHER-HS SCI	50	3.114	18.906	5.610	13.685	6.617	9.855	5.966	11.260	7.296	22.666	8.106
423	TEACHER-HS SOC ST	34	2.696	11.195	8.182	16.716	6.799	8.148	8.781	13.199	6.419	21.750	9.185
424	TEACHER-ENGLISH	45	2.956	14.852	5.794	16.140	6.044	8.781	5.543	14.116	5.651	16.481	8.241
425	TEACHER-FOREIGN LANG	10	3.273	11.590	4.326	16.714	5.637	7.520	5.287	17.004	4.442	13.895	11.063
426	TEACHER-COMM ED	16	2.125	7.514	6.738	19.858	7.013	7.188	5.727	15.567	7.029	16.347	9.380
428	TEACHER-TRADES	45	3.162	15.141	7.273	15.231	7.883	10.285	8.630	13.811	7.190	25.573	7.442
429	TEACHER-PHYS ED	57	2.806	17.821	10.248	17.358	7.594	9.457	9.967	14.299	7.222	25.882	8.524
431	TEACHER-ART	15	2.748	23.301	6.749	15.932	7.296	6.534	5.927	16.913	8.280	40.709	8.372
432	TEACHER-MUSIC	22	2.988	12.812	10.532	17.175	8.169	8.595	10.511	14.684	7.093	22.398	7.873
440	TEACHER-HANDICAPPED	19	2.838	15.392	3.027	20.878	5.269	8.951	5.386	12.439	5.652	13.233	8.017
450	SCHOOL ADMIN (EXC COLL)	43	3.335	12.511	7.090	20.949	6.483	7.705	6.061	11.906	6.311	20.780	9.085
460	COLL/UNIV TCHR (NEC)	170	3.627	14.460	9.395	17.007	6.708	9.421	9.364	12.796	6.390	19.847	9.563
461	COLL/UNIV TCHR-MATH	29	2.262	16.072	5.681	15.186	7.290	12.587	6.000	14.413	7.776	25.275	7.130
462	COLL/UNIV TCHR-SCI	62	3.160	15.259	7.239	11.712	6.811	9.675	6.875	10.067	6.304	16.236	6.952
463	COLL/UNIV TCHR-SOC SCI	35	2.851	9.888	6.670	15.209	6.558	7.885	6.871	12.236	6.474	19.482	8.569
464	COLL/UNIV TCHR-ENGLISH	57	2.999	11.951	9.834	17.908	6.567	8.877	9.322	13.585	6.487	18.495	9.436
465	COLL/UNIV TCHR-FOR LANG	15	2.764	33.491	7.766	12.280	5.460	10.581	6.053	13.159	5.088	21.343	9.930
521	CLERGYMAN	176	2.839	13.363	6.767	13.985	6.879	8.726	7.087	12.218	6.500	18.793	9.221
522	MONK, BROTHER, NUN	16	3.337	17.646	10.626	27.851	6.899	10.714	10.360	17.542	6.908	30.655	9.309
523	RELIG WRKR (OTHER)	14	2.806	9.227	7.332	21.817	9.314	6.893	7.429	16.608	7.646	33.736	7.334
531	WRITER (NEC)	24	2.888	11.219	11.680	16.351	6.403	8.156	11.952	13.137	5.691	13.333	8.365
534	JRNLIST/REPRTER	43	3.272	13.047	9.887	16.352	7.651	8.317	10.285	15.204	7.738	22.992	11.655
539	TRNSLTR, INTRPRTR, LINGST	9	4.062	11.670	4.301	15.946	4.353	10.702	5.523	13.201	5.000	34.722	11.467
541	FINE ARTS	16	2.778	13.773	4.992	14.135	6.460	10.664	6.065	11.961	6.909	17.875	10.524
545	COMM ARTIST	48	2.704	11.697	7.380	12.532	7.116	8.514	7.438	10.595	7.047	23.634	7.500
547	DESIGNER (CONS GDS)	28	3.689	20.502	8.084	18.615	7.902	10.746	7.355	12.744	7.430	18.064	9.686
551	MUSICIAN	24	3.753	22.407	6.322	18.606	8.325	12.394	6.012	14.291	7.564	24.779	8.416

TABLE 1.3 (continued)

#	GROUP	N	MEANS										
			MTH TST(CD.)										I.I.
			ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH
			R-333	F-410	F-420	F-430	F-440	A-410	A-420	A-430	A-440	A-500	P-701
559	MUSIC-RELATED (MISC)	15	5.333	36.867	15.467	32.067	22.467	45.400	19.600	43.533	24.333	43.867	16.600
575	THEATRE (OTHER)	23	5.783	30.696	12.348	29.870	23.087	43.391	17.043	43.435	25.000	51.565	21.478
578	RADIO/TV ANNOUNCER	17	5.000	23.294	11.235	24.647	21.706	42.118	15.941	39.471	24.176	53.471	20.529
579	MISC PERF ARTS	12	3.250	32.083	7.750	31.500	22.250	40.417	14.250	45.833	25.750	47.917	20.833
611	ATHLETE	10	3.700	38.900	11.300	40.000	24.800	44.100	16.300	45.600	26.400	48.900	21.700
612	PRO ATHLETICS (AUX)	15	4.333	39.333	12.600	32.000	20.867	47.600	16.867	42.400	25.267	68.533	17.000
621	RECREATION DIR	18	4.389	32.889	9.611	33.778	24.389	44.000	15.722	43.333	27.056	63.944	19.778
623	FRSTRY, HUNT, TRAP	19	3.474	27.895	8.737	21.737	19.632	37.789	12.842	34.158	22.684	56.737	13.579
631	FARM/RANCH OWNER	128	3.969	30.500	9.305	19.531	20.125	44.656	15.523	38.469	22.906	58.039	18.070
639	FARMING (OTHER)	244	3.639	30.980	9.332	21.033	19.627	41.996	14.963	38.541	22.947	59.111	17.566
640	MILITARY (RANK NOT IND)	54	4.611	29.926	12.370	25.667	23.833	40.074	16.222	37.963	25.130	54.222	20.352
641	MILITARY-ENLISTED	13	3.462	27.846	8.000	19.692	24.154	43.538	18.615	34.923	26.154	59.385	20.000
642	MILITARY-OFFICER	108	7.019	43.130	14.093	32.519	24.657	49.278	19.019	44.778	26.917	54.593	26.241
650	INTELLIGENCE-CIA, ETC.	21	5.238	34.952	12.619	27.571	22.524	44.286	15.286	42.048	24.333	60.143	24.381
661	POLICE (PUBLIC)	151	3.563	29.331	12.748	28.046	22.642	43.053	17.808	44.364	25.318	56.854	19.099
666	FIREMAN	41	3.439	29.537	14.098	28.390	22.195	40.561	16.878	39.219	24.049	56.122	19.854
669	OTHER PROTECTIVE	22	3.227	32.055	15.682	29.545	25.591	40.773	20.955	45.636	23.227	61.455	19.273
711A	BANKING & FINANCE, I	63	3.698	31.619	13.143	27.935	22.000	45.333	17.397	40.635	24.413	56.746	18.032
711B	BANKING & FINANCE, II	116	4.138	30.638	13.578	30.440	23.586	48.259	19.095	42.810	25.569	57.940	22.543
712	INVSTMNT, STOCK CONSULT	11	7.818	44.909	13.909	36.000	25.091	49.273	17.909	46.909	27.273	58.727	27.545
716	CPA	280	6.261	42.757	13.111	31.593	23.057	49.514	18.739	46.307	25.357	58.296	23.643
717	ACCTANT (EXC CPA)	202	4.713	39.941	12.683	31.361	22.683	47.426	19.138	42.906	25.089	59.599	20.470
721	PURCHASING AGENT	25	4.800	36.720	13.360	27.600	23.240	44.880	16.960	44.880	25.000	56.160	20.480
722	RETAIL BUYER	22	4.636	34.955	12.091	33.409	21.500	46.773	16.273	46.364	23.500	63.227	21.227
723	EFFICIENCY EXPERT	111	6.360	39.991	11.523	28.784	22.703	48.712	17.721	42.766	25.135	58.216	26.000
724	ADVERTISING	40	4.725	33.600	11.425	26.325	23.775	42.400	14.975	37.925	26.125	56.325	20.475
725	PUBLIC RELATIONS	31	4.774	36.129	14.129	32.387	24.581	45.548	17.935	42.194	26.065	60.548	17.161
726	PERSONNEL ADMIN	81	5.543	39.951	13.000	29.099	22.086	45.123	19.074	42.827	24.185	56.593	22.469
727	APPRAISING, ESTIMATING	36	5.333	34.694	12.333	27.750	23.528	43.583	16.056	39.750	25.528	57.694	22.778
728	LOAN/CREDIT INVESTIG	29	4.724	33.552	14.276	29.138	21.379	45.966	18.966	44.379	24.759	59.345	18.069
730	BUS MGMT ADM (NEC)	511	5.789	38.949	12.748	30.076	23.339	47.249	18.204	42.327	25.552	58.753	23.634
731	MFG MGMT	95	6.253	38.063	11.505	30.726	24.726	46.568	16.811	43.316	26.621	56.011	26.600
732	WHSL/RET TRADE MGMT/MKTG	195	5.154	37.338	13.287	29.805	23.113	45.872	18.272	42.205	25.400	57.754	21.872
738	SUPERVISOR IN BUS	87	4.161	32.333	12.437	25.517	23.747	43.368	18.690	42.713	26.621	61.138	20.563
741	SLSCLERK	23	2.913	33.522	12.870	23.174	23.913	40.478	16.696	36.043	24.870	55.478	18.913
742	RTEMAN (MILK, LAUNDRY, ETC)	12	1.500	29.333	10.500	20.000	19.583	37.333	15.333	40.333	24.083	71.667	13.750
743	STOCKBROKER	23	6.043	41.348	16.652	26.826	23.217	47.609	20.391	40.217	25.391	59.609	25.217
745	REAL ESTATE SLSMAN	26	5.192	35.038	6.885	24.923	22.308	45.038	19.346	39.692	25.077	52.308	21.923
746	INSURANCE SLSMAN	61	4.852	33.754	13.672	26.721	24.902	45.689	19.197	42.918	27.262	61.689	20.689
747	AUTO SLSMAN	22	3.773	39.773	15.773	22.682	26.364	45.500	22.864	46.955	27.545	62.435	19.864
748	OTHER SLSMAN (NEC)	350	4.557	33.851	11.703	27.331	22.843	45.200	17.794	42.600	25.460	60.226	20.723
749	SALES MGR	73	4.863	37.137	12.575	28.890	24.274	45.904	18.164	42.808	26.384	58.753	19.726
751	BOOKKEEPER	10	3.900	34.900	11.700	26.500	26.400	44.400	24.700	49.500	28.600	67.100	12.900
755	MISC ACCT RECDG	27	3.704	29.444	12.481	26.852	21.593	41.630	16.704	40.630	24.630	65.111	18.630
758	COMPUTER OPERATOR	78	4.628	34.154	11.936	27.603	21.346	45.821	18.000	42.679	24.731	60.974	21.577
769	CLERK (MISC)	24	3.042	27.458	13.917	25.000	19.833	42.125	21.000	41.500	23.583	60.167	19.833
772	OFFICE MGR	28	4.429	33.643	10.750	30.643	21.393	41.929	14.821	42.321	22.821	54.714	18.571
789	OTHER "PUB CONT" OCCS	14	3.500	37.571	8.857	21.000	20.571	41.857	17.429	37.357	22.857	55.500	16.143
791	RADIO, TELEGR, TTY OP	14	3.000	29.143	18.214	30.643	26.071	43.714	21.214	46.357	28.214	65.143	20.357
797	MISC CLERICAL	112	3.866	30.277	12.795	27.089	22.536	43.777	19.027	43.375	25.411	62.054	20.188
798	MISC ADMINISTRATIVE	38	4.132	36.421	13.816	31.395	22.684	44.842	17.842	43.605	25.684	59.237	22.184
810	ELECTRICIAN	160	3.190	28.363	12.583	23.631	21.732	40.577	17.526	40.464	24.637	59.137	21.137
811	ELECTRONIC TECHNICIAN	212	4.972	31.429	11.887	26.274	23.467	43.241	17.906	40.991	24.042	54.05	25.198
812	APPLIANCE REPAIR	55	3.800	31.618	9.545	23.073	22.018	40.927	14.527	39.345	24.200	60.2	21.400
813	PHONE INSTALL & REPAIR	39	3.949	31.718	11.974	27.974	22.692	42.795	15.718	41.821	25.872	59.6	21.333
814	REPAIR & SERV COMP	32	5.125	34.844	10.688	27.594	22.375	42.469	14.750	36.719	23.938	53.7	25.375
820	MECHANIC (NEC)	116	2.879	25.431	10.103	21.353	20.655	40.259	16.836	39.147	23.741	58.	19.586
821	AUTO MECHANIC	74	2.703	26.892	11.635	18.959	23.351	39.378	17.392	39.770	25.919	58.	17.122
822	AIRPLANE MECHANIC	68	3.118	26.765	11.338	23.779	22.074	38.529	17.897	40.250	24.926	54.0	21.500
823	OFFICE MACH REPAIR	17	4.176	32.176	10.324	22.706	23.529	40.412	16.353	37.529	26.941	52.941	23.118
824	IND MACH REPAIR	21	3.286	22.286	9.810	22.524	21.857	40.190	13.619	42.333	23.190	56.952	20.143
828	MACHINIST	176	3.580	30.125	11.716	24.455	22.864	41.989	16.614	40.557	25.393	60.028	20.142
831	CABINET MAKER	13	2.615	30.462	9.462	27.000	21.385	41.538	14.846	47.000	24.923	70.077	19.538
832	CARPENTER	55	2.782	29.400	12.527	21.127	22.618	42.055	16.782	39.236	25.673	58.800	17.818
833	METAL TRADES	92	3.054	24.587	11.750	26.457	22.565	40.717	16.924	41.935	24.793	62.717	19.043
834	BRKLYR, MASON, PTR, RFR	62	3.065	25.823	7.290	25.435	21.242	39.306	15.161	42.145	24.952	57.758	18.371
835	PLUMBER, PIPEFTR	72	3.181	26.222	10.653	18.861	21.625	40.667	15.931	38.639	24.736	55.569	20.792
836	HEAVY EQUIP OP	47	3.149	25.723	13.894	26.830	22.255	41.638	19.085	42.574	24.809	67.128	13.872
837	MISC BLDG & CONST	71	3.507	30.211	12.042	26.239	21.521	43.451	16.465	41.394	24.986	60.507	21.254
838	MINING, QURYNG, DRLNG	16	3.500	25.188	7.813	22.375	22.125	45.688	15.813	39.875	24.875	57.750	21.438
841	PILOT	99	5.909	35.929	11.707	27.515	24.596	46.253	17.949	42.667	25.717	57.980	24.141
848	AIR TRAFFIC CONTROLLER	13	5.077	33.692	10.385	22.923	20.769	43.846	14.077	36.154	25.692	57.000	17.846
851	MERCHANT MARINE OCC	10	5.300	34.300	12.900	33.600	22.400	42.700	15.100	47.200	23.600	63.300	22.000
852	RAILROAD OCCS	10	4.700	34.800	11.100	34.300	16.000	44.000	15.100	41.500	24.400	61.800	22.800
853	AUTO, BUS, TRUCK DRVR	85	2.776	24.094	11.141	27.165	21.129	41.035	17.353	42.929	25.224	65.988	16.753
861	PRINTING TRADES	105	3.151	32.000	10.902	25.113	22.179	42.604	16.519	42.321	25.255	55.330	17.198
863	SURVEYOR	27	4.704	30.333	10.704	34.593	25.407	44.778	19.074	47.778	23.296	59.185	23.000
864	DRAFTSMAN	140	4.264	32.714	12.557	27.679	24.114	43.371	17.214	40.279	25.571	54.650	23.586
865	PHOTOGRAPHY	39	3.897	27.051	8.846	19.718	20.359	42.231	16.795	37.462	24.513	60.128	19.462
867	LANDSCAPE ARCHIT	13	5.769	36.385	9.385	26.615	23.462	41.308	13.538	37.692	25.000	46.769	23.077
868	CLTHNG & FASH TRADES	14	3.714	24.929	7.571	23.929	19.357	39.786	11.571	41.929	22.500	49.786	17.143
881	FOOD & BEVERAGE PREP	28	3.393	18.964	8.393	17.536	20.500	43.107	16.036	36.393	25.143	61.536	17.464
885	BUTCHER, MEAT CUTTER	23	2.261	25.913	14.174	25.087	21.304	41.217	19.478	40.217	23.130	61.870	16.043
891	MISC PERSONAL SERVICES	12	4.083	30.167	13.000	23.750	22.250	34.500	17.000	38.750	23.250	53.917	15.333
892	BARBER	41	2.683	23.756	10.902	24.976	21.366	38.000	18.561	44.439	25.512	66.805	17.366
893	HAIRDRESSER	15	2.800	14.933	14.933	23.800	23.800	36.000	20.400	41.133	27.800	63.733	16.400
899	GENERAL LABORER	277	2.856	27.090	10.116	22.928	21.444	40.708	16.931	40.097	24.758	60.892	18.440
	TOTAL	14123	5.301	35.142	11.903	27.354	22.831	45.373	17.419	41.973	25.341	57.276	22.514

TABLE 1.3 (continued)

#	GROUP	N	STANDARD DEVIATIONS MTH TST(CD.) ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	I.I. PHYS SCI, ENG, MATH
			2-333	F-410	F-420	F-430	F-440	A-410	A-420	A-430	A-440	A-500	P-701
559	MUSIC-RELATED (MISC)	15	2.743	11.476	15.679	18.344	8.927	7.491	15.820	15.629	8.541	11.451	8.382
575	THEATRE (OTHER)	23	3.592	19.632	8.896	14.108	6.431	9.885	9.349	14.541	5.992	16.011	8.257
578	RADIO/TV ANNOUNCER	17	3.221	35.843	5.106	17.230	8.206	9.617	4.548	15.100	8.134	24.963	8.833
579	MISC PERF ARTS	12	2.454	10.561	5.879	18.018	9.488	8.949	3.571	16.039	8.833	19.219	10.259
611	ATHLETE	10	2.406	8.265	4.296	11.460	6.179	7.203	4.138	10.522	6.363	14.498	9.855
612	PRO ATHLETICS (AUX)	15	2.440	11.185	5.448	12.288	5.630	5.527	4.086	9.723	4.166	23.628	8.062
621	RECREATION DIR	18	3.202	21.191	11.252	17.877	8.826	11.902	10.329	16.237	8.523	30.842	8.809
623	FRSTRY, HUNT, TRAP	10	1.837	12.714	6.911	16.639	7.305	8.196	7.603	12.420	7.079	26.874	6.694
631	FARM/RANCH OWNER	128	2.569	23.269	8.325	18.502	6.849	10.261	8.155	13.378	6.694	23.507	8.602
639	FARMING (OTHER)	244	2.221	15.614	7.529	15.722	7.705	8.905	7.388	12.598	6.882	23.559	7.672
640	MILITARY (RANK NOT IND)	54	3.105	16.465	9.104	15.400	8.652	10.809	9.309	12.844	8.200	26.029	9.029
641	MILITARY-ENLISTED	13	3.072	19.021	13.850	12.945	7.830	8.462	16.515	11.228	6.581	25.494	9.018
642	MILITARY-OFFICER	104	3.106	11.371	9.694	16.834	7.710	8.541	9.974	13.375	6.717	17.462	8.505
650	INTELLIGENCE-CIA, ETC.	21	2.468	11.448	7.678	19.564	5.921	9.040	8.259	16.892	6.036	17.112	8.261
661	POLICE (PUBLIC)	151	2.632	16.692	12.332	21.231	8.926	10.846	11.803	16.263	8.208	22.729	8.080
666	FIREMAN	41	2.540	18.472	11.478	15.762	6.451	7.868	10.815	13.114	6.297	20.678	7.545
669	OTHER PROTECTIVE	22	2.910	12.606	15.252	20.307	9.090	9.542	13.055	17.940	7.849	31.807	7.133
711A	BANKING & FINANCE, I	63	2.332	24.106	9.382	14.722	7.423	10.138	9.039	13.181	7.575	18.317	8.508
711B	BANKING & FINANCE, II	116	2.998	16.988	8.713	15.803	6.267	8.379	8.689	13.505	6.254	20.805	8.236
712	INVSTMNT, STOCK CONSULT	11	2.994	10.895	9.596	14.906	6.123	6.828	9.428	15.827	8.427	37.366	7.005
716	CPA	232	3.210	12.262	9.185	17.999	7.481	8.657	9.415	14.356	7.511	23.513	8.321
717	ACCTANT (EXC CPA)	292	2.787	13.590	8.421	17.808	7.907	9.006	9.204	14.516	7.233	21.243	7.980
721	PURCHASING AGENT	25	2.661	12.310	12.626	22.591	6.622	11.058	12.249	13.761	6.526	26.248	8.579
722	RETAIL BUYER	22	2.629	22.402	7.752	21.814	8.478	7.438	6.663	17.305	8.028	17.717	10.305
723	EFFICIENCY EXPERT	111	3.170	13.548	8.813	18.050	6.892	8.705	8.615	14.521	6.115	21.431	8.409
724	ADVERTISING	40	2.918	15.530	7.074	14.817	6.852	8.360	7.152	11.623	5.967	14.504	8.832
725	PUBLIC RELATIONS	31	2.526	11.183	10.683	15.470	6.898	6.444	11.331	14.089	7.434	23.220	8.787
726	PERSONNEL ADMIN	91	2.702	10.269	12.861	16.596	7.263	8.203	12.839	14.814	7.330	21.288	7.408
727	APPRAISING, ESTIMATING	36	2.255	12.331	5.792	16.132	6.704	8.817	6.585	14.733	5.809	25.817	8.526
728	LOAN/CREDIT INVESTIG	22	2.814	19.642	11.934	24.201	6.377	11.846	13.308	15.447	5.736	24.575	8.742
730	BUS MGMT ADM (NEC)	511	3.251	13.668	9.365	16.783	7.536	8.996	9.746	14.167	7.157	22.583	8.733
731	MFG MGMT	95	3.179	17.701	6.423	18.969	7.919	9.179	5.637	15.025	8.016	21.167	8.019
732	WHSL/RET TRADE MGMT/MKTG	195	3.040	13.498	10.522	18.513	7.167	9.062	10.318	14.539	7.052	22.192	8.523
738	SUPERVISOR IN BUS	87	2.676	15.391	11.550	18.322	8.528	9.146	10.352	15.228	8.011	25.349	8.910
741	SLSCLERK	23	1.975	13.239	13.482	15.619	9.090	10.837	13.492	13.933	9.659	14.856	9.390
742	RTEMAN (MILK, LAUNDRY, ETC)	12	1.087	13.760	7.728	21.452	6.908	10.999	6.793	12.108	4.738	25.833	8.925
743	STOCKBROKER	23	3.254	11.692	17.233	14.380	8.146	9.866	16.895	11.778	6.747	18.899	8.295
745	REAL ESTATE SLSMAN	26	3.299	8.697	13.932	19.239	7.509	9.102	11.950	12.499	5.506	14.639	8.217
746	INSURANCE SLSMAN	61	2.707	15.756	7.587	20.939	8.060	8.814	9.432	14.993	8.010	26.857	8.471
747	AUTO SLSMAN	22	2.308	10.748	16.584	19.448	7.792	8.399	18.843	15.450	7.812	30.775	7.107
748	OTHER SLSMAN (NEC)	350	2.621	19.172	10.108	17.753	8.032	9.257	10.103	13.903	7.082	22.436	8.379
749	SALES MGR	73	2.594	16.318	12.273	19.540	7.004	8.983	11.382	15.058	6.947	23.985	8.856
751	BOOKKEEPER	10	2.558	11.380	20.796	23.363	7.706	9.766	16.330	18.441	7.397	36.846	10.525
755	MISC ACCT RECDG	27	2.462	16.256	7.925	17.516	9.044	9.869	7.590	15.164	9.224	26.830	6.800
758	COMPUTER OPERATOR	79	2.693	19.041	12.531	19.291	9.343	9.170	11.558	15.013	7.495	24.535	8.040
769	CLERK (MISC)	24	1.853	18.960	16.756	17.103	9.258	13.066	15.657	12.898	8.032	22.457	9.608
772	OFFICE MGR	29	2.574	12.401	5.420	16.862	7.300	6.809	6.296	16.492	7.113	22.934	8.813
789	OTHER "PUB CONT" OCCS	14	3.228	10.938	8.637	10.407	7.521	8.475	11.985	9.306	6.138	21.201	6.237
791	RADIO, TELEGR, TTY OP	14	1.359	10.007	16.015	20.831	8.119	7.311	15.418	16.560	7.340	25.531	7.860
797	MISC CLERICAL	112	2.846	23.080	14.170	22.111	8.814	10.813	13.548	15.741	8.273	29.355	8.868
798	MISC ADMINISTRATIVE	39	3.223	12.595	9.403	15.559	8.893	9.711	9.399	13.916	6.897	29.999	8.073
810	ELECTRICIAN	152	2.227	16.262	11.612	19.712	9.070	9.333	12.112	16.352	8.547	25.712	8.249
811	ELECTRONIC TECHNICIAN	212	2.880	18.860	11.793	18.090	8.160	10.156	12.246	14.507	7.565	21.641	7.856
812	APPLIANCE REPAIR	55	2.921	12.800	7.125	16.144	6.355	11.307	5.978	13.100	7.225	29.153	9.416
813	PHONE INSTALL & REPAIR	30	2.127	22.141	7.586	20.110	8.712	7.494	8.214	16.807	7.831	20.117	8.806
814	REPAIR & SERV COMP	32	3.260	10.562	4.582	16.708	6.079	7.658	4.711	13.625	6.753	26.189	6.569
820	MECHANIC (NEC)	116	2.304	23.045	10.661	19.664	9.072	8.602	10.912	16.324	8.552	26.077	7.704
821	AUTO MECHANIC	74	2.363	16.184	12.762	22.313	9.018	10.939	13.117	16.091	9.044	22.357	7.171
822	AIRPLANE MECHANIC	68	2.289	12.645	12.684	17.771	8.169	8.362	12.490	14.492	8.027	18.058	7.386
823	OFFICE MACH REPAIR	17	3.358	10.626	6.187	16.609	6.625	9.421	6.973	12.006	7.742	16.238	5.797
824	IND MACH REPAIR	21	2.283	26.376	5.400	24.474	6.981	10.971	5.987	16.295	7.633	27.233	8.957
828	MACHINIST	176	2.401	18.286	11.088	20.552	7.988	10.035	10.959	15.772	7.610	28.681	8.817
831	CABINET MAKER	13	2.142	13.980	10.729	18.380	10.936	10.929	8.924	19.231	9.260	29.489	7.944
832	CARPENTER	55	2.070	14.256	11.783	17.988	8.314	10.909	11.753	14.099	7.359	27.358	6.689
833	METAL TRADES	92	2.061	22.322	11.408	17.488	7.632	11.476	12.899	16.402	7.784	23.887	7.689
834	BRKLYR, MASON, PTR, RFR	62	1.872	24.282	10.512	19.312	9.574	8.758	10.218	16.073	8.229	20.339	7.914
835	PLUMBER, PIPEFTR	72	2.235	17.133	10.230	23.102	8.184	10.045	10.201	14.991	7.391	19.660	8.196
836	HEAVY EQUIP OP	47	2.485	24.913	13.117	21.143	7.963	10.195	12.104	15.926	7.691	24.128	7.412
837	MISC BLDG & CONST	71	2.563	21.045	10.053	19.660	8.529	11.027	10.836	16.798	8.321	25.720	9.330
838	MINING, QURYNG, DRLNG	16	2.556	27.530	8.673	14.715	7.473	12.268	6.327	15.095	8.632	22.787	8.929
841	PILOT	99	3.249	18.531	8.007	16.506	7.422	8.345	7.920	12.858	7.067	20.126	8.224
848	AIR TRAFFIC CONTROLLER	13	3.752	11.499	3.664	12.203	12.788	7.116	5.123	9.771	8.210	37.121	7.766
851	MERCHANT MARINE OCC	10	2.830	13.300	7.370	26.239	11.683	9.911	7.951	18.522	7.501	25.794	7.958
852	RAILROAD OCCS	10	3.653	14.374	4.280	18.548	17.944	11.005	5.043	16.808	8.771	35.295	4.264
853	AUTO, BUS, TRUCK DRVR	35	1.960	23.815	12.311	19.389	9.471	11.844	12.046	15.546	7.703	29.902	7.408
861	PRINTING TRADES	106	2.284	17.550	9.037	21.128	7.903	10.073	9.325	14.617	7.505	22.937	8.030
863	SURVEYOR	27	3.049	23.862	11.027	22.652	7.929	10.910	8.000	16.125	7.130	21.507	8.067
864	DRAFTSMAN	140	2.619	16.924	9.036	16.953	7.770	10.961	8.479	15.238	8.290	21.467	6.597
865	PHOTOGRAPHY	30	2.722	26.364	13.978	15.225	9.485	11.703	13.929	14.625	8.198	27.532	8.744
867	LANDSCAPE ARCHIT	13	2.833	9.456	3.776	13.660	7.644	7.052	3.479	8.138	7.916	9.338	9.962
868	CLTHNG & FASH TRADES	14	2.431	14.414	5.653	25.701	8.149	12.601	4.033	17.202	6.549	13.503	9.339
881	FOOD & BEVERAGE PREP	29	2.544	33.972	8.306	17.731	10.724	12.013	8.643	15.240	9.513	29.369	7.671
885	BUTCHER, MEAT CUTTER	23	2.179	25.484	18.401	23.708	9.373	11.041	18.260	18.050	9.730	20.365	9.330
891	MISC PERSONAL SERVICES	12	1.929	12.939	7.032	15.967	5.956	12.355	10.669	12.913	6.240	21.399	8.424
892	BARBER	41	1.767	17.039	13.876	21.494	8.055	12.325	13.855	16.196	7.672	32.839	7.415
893	HAIRDRESSER	15	1.568	25.381	22.014	19.072	10.517	10.889	19.942	15.588	9.088	22.767	9.417
899	GENERAL LABORER	277	1.786	16.962	11.758	20.023	8.620	10.714	11.379	15.891	7.964	26.620	8.175
	TOTAL	14123	3.340	18.053	9.829	18.392	7.862	10.135	9.866	14.586	7.424	22.934	8.949

TABLE 1.3 (continued)

#	GROUP	N	MEANS										
			INTEREST INVENTORY (CONTD.)										
			BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE	ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION
			P-702	P-703	P-704	P-705	P-706	P-707	P-708	P-709	P-710	P-711	P-712
000	NO ANSWER	1812	19.893	18.960	17.046	16.801	17.921	15.132	26.345	27.061	20.394	17.459	17.061
001	DON'T KNOW	803	17.408	17.524	15.721	15.239	16.186	12.945	25.960	27.181	20.496	17.547	16.611
101	EXECUTIVE (NEC)	43	21.209	26.326	19.651	17.419	18.186	14.791	27.302	27.442	25.093	21.256	21.140
102	FOREMAN (NEC)	49	19.306	19.389	15.224	16.061	18.980	13.449	27.347	30.082	20.633	17.980	18.918
111	WORK FOR GOVT (NEC)	52	15.942	22.096	17.788	16.846	15.731	11.846	25.981	25.923	23.865	19.692	17.365
112	IN BUS FOR SELF (NEC)	278	18.320	19.252	15.763	15.820	19.263	13.331	25.277	27.209	21.935	19.083	16.734
120	IND, BUS, COMM (NEC)	141	20.007	20.887	17.681	17.142	17.915	14.000	27.979	28.121	22.957	20.511	19.170
121	RETAIL (NEC)	33	14.758	19.333	14.000	15.576	15.333	13.000	28.333	29.061	22.758	20.303	19.848
122	TRANSPORTATION (NEC)	27	17.926	21.926	16.296	15.074	15.556	12.815	27.185	25.333	23.333	22.259	18.741
123	REAL ESTATE (NEC)	17	19.059	21.471	18.118	16.059	17.588	14.294	26.059	29.176	25.588	23.412	16.471
124	INSURANCE (NEC)	35	17.200	21.000	17.229	19.200	17.000	15.086	28.057	23.714	24.029	22.171	20.229
125	ELECTRONICS (NEC)	156	20.186	16.122	15.250	14.933	18.154	15.244	25.737	23.532	20.436	16.949	19.045
150	RESEARCH (NEC)	9	21.778	18.222	18.111	17.111	18.000	14.333	27.444	25.778	21.556	15.778	16.889
211	MATH, STAT	46	21.717	15.435	18.043	14.130	17.500	16.826	23.717	23.130	16.217	12.391	17.500
212	OTHER STATISTICS	14	22.714	25.143	20.643	20.071	16.786	20.000	28.214	24.143	22.357	18.786	26.286
221	SYSTEMS ANALYST	42	23.690	20.857	18.333	17.071	17.452	13.452	26.262	25.310	21.667	17.214	22.429
222	COMPUTER PROGRAMMER	121	19.950	18.636	16.421	15.339	15.826	14.554	27.314	26.413	20.107	15.942	20.537
229	COMPUTER SPEC (NEC)	20	21.800	22.200	18.350	16.300	20.150	16.800	27.350	23.900	22.950	19.800	24.000
230	PHYSICAL SCI (NEC)	18	25.889	21.222	20.611	19.500	18.944	15.111	26.111	24.500	22.889	18.444	20.444
231	CHEMIST	81	25.593	22.160	19.198	17.741	16.556	14.296	26.691	23.062	20.852	16.543	20.062
232	PHYSICIST	64	24.750	17.594	17.828	15.953	16.609	15.344	24.359	24.125	17.563	13.375	17.719
234	GEOLOGIST	17	22.471	15.765	15.647	14.647	19.353	16.118	29.294	29.471	18.471	12.353	17.118
235	METEOROLOGIST	10	18.000	21.600	17.900	15.200	15.600	16.600	26.300	23.200	20.000	12.400	17.900
240	ENGINEER (NEC)	157	22.150	18.958	17.168	15.174	17.982	14.701	27.874	27.467	20.671	16.144	19.790
241	CIVIL ENGINEER	105	19.657	18.043	13.867	13.638	16.905	12.514	27.410	27.857	19.095	13.571	18.048
242	ELECTRICAL ENGINEER	243	21.486	17.202	16.255	14.370	18.247	14.193	25.638	25.819	19.276	14.753	19.403
243	MECH ENGINEER	143	20.769	16.259	14.601	13.916	18.510	12.308	25.741	27.364	19.168	14.063	18.678
244	AERONAUTICAL ENG	37	21.514	19.054	17.000	14.568	19.297	14.189	26.270	26.243	18.757	14.622	20.027
245	CHEM ENGINEER	58	22.828	19.586	16.707	13.948	17.069	12.207	28.879	29.448	19.776	15.310	20.724
250	ARCHITECT	58	21.431	18.776	19.793	16.086	27.552	18.207	27.931	26.707	21.293	16.879	17.500
299	PHYS SCI, LAB TECH	73	19.718	16.051	13.410	14.538	15.462	11.769	25.308	23.205	18.949	16.179	17.538
310	BIOLOGIST, ZOOLOGIST	32	27.813	16.250	19.156	16.188	22.625	18.469	26.813	32.438	19.469	13.094	15.750
313	SPEC IN AGRIC SCI	35	19.714	18.114	13.914	16.343	14.829	11.886	28.371	31.800	19.429	16.057	15.143
314	WLDLF/FOREST SPEC	49	23.531	17.449	17.775	17.082	17.653	15.633	27.041	35.020	18.245	15.939	15.653
316	MICROBIOLOGIST	15	27.600	17.000	17.200	17.133	17.733	16.000	26.533	25.133	17.667	13.267	14.933
317	BIOCHEMIST	9	29.667	22.778	20.778	12.667	22.333	21.778	27.556	24.889	22.222	19.333	22.778
322	MD-SURGEON	14	34.357	23.429	23.429	19.071	22.500	19.429	27.143	23.786	20.143	13.071	18.286
329	MD-OTHER	229	31.795	22.755	21.651	18.507	18.852	19.611	27.100	24.476	19.817	14.786	16.332
332	DENTIST	97	31.134	21.680	19.732	18.320	19.773	15.402	29.474	29.021	20.835	17.649	17.454
333	VETERINARIAN	20	27.700	17.600	14.700	14.550	11.300	9.150	27.350	30.650	17.400	13.150	14.650
343	PHYS THERAPIST	11	24.364	17.455	17.545	18.182	19.727	13.636	26.000	29.000	21.182	15.909	15.636
347	MED/DENT TECHNOL	16	25.375	18.813	16.625	15.500	17.875	13.938	26.188	25.625	20.313	20.625	16.125
348	MED/DENT TECHNICIAN	27	24.259	15.889	15.667	16.630	18.407	15.333	27.037	25.889	19.148	15.370	16.444
350	HOSPITAL ADMIN	11	28.364	21.818	17.545	20.364	13.727	12.455	24.545	20.909	23.636	19.727	20.091
335	PHARMACIST	91	26.857	18.066	16.308	16.242	16.549	14.385	27.758	27.515	20.011	16.198	18.066
360	PSYCHOLOGIST	106	26.255	23.245	23.849	20.585	21.566	20.481	26.663	23.396	22.472	18.613	16.264
370	SOCIAL WORKER	60	22.717	21.717	21.150	20.700	19.650	15.883	27.483	24.167	20.600	19.083	16.433
371	PSYCHIATRIC SOC WRKR	9	24.111	27.556	24.222	22.000	20.444	22.889	26.333	27.111	21.667	20.000	12.444
372	COUNSELING/GUIDANCE	12	27.500	19.333	21.917	22.750	21.667	16.667	25.933	23.583	22.917	20.250	19.167
373	VOC/ED GUIDANCE	23	18.783	22.304	19.783	21.304	17.957	15.17	28.478	23.870	23.174	20.826	20.130
382	ECONOMIST	23	21.522	24.174	19.652	15.565	19.435	15.435	28.304	28.696	23.348	19.913	19.522
389	SOCIAL SCI (MISC)	21	20.524	25.667	19.714	18.762	16.762	15.048	31.000	28.095	22.190	17.714	19.048
392	DIPLOMAT	22	22.318	20.545	21.000	16.045	16.909	15.500	23.955	22.864	20.045	17.045	13.727
393	LAWYER	393	22.975	28.975	23.277	18.293	18.901	17.061	27.957	24.392	24.071	19.690	17.440
394	MARKET ANALYST	10	27.500	25.000	21.000	18.800	21.200	16.200	30.500	25.400	23.400	18.600	22.000
398	CITY PLANNER (NEC)	12	27.167	28.500	22.167	15.917	18.417	16.333	26.917	31.167	22.500	18.667	18.917
400	TEACHER (NEC)	423	21.508	22.444	19.683	21.113	17.830	15.622	29.322	26.066	22.678	18.730	18.761
412	TEACHER-ELEM	45	19.911	17.244	17.911	21.978	16.978	14.911	29.422	26.178	21.244	19.156	16.689
420	TEACHER-HS (NEC)	69	21.652	23.652	20.812	21.116	19.928	18.941	29.290	28.290	22.768	20.014	18.971
421	TEACHER-HS MATH	62	20.419	21.048	18.097	20.710	16.790	14.484	29.387	24.032	22.000	17.323	22.468
422	TEACHER-HS SCI	50	26.720	20.920	19.540	20.260	20.600	14.900	29.620	30.580	22.000	17.400	17.740
423	TEACHER-HS SOC ST	94	20.074	23.287	21.457	21.383	18.138	16.777	27.106	25.564	22.447	18.457	17.564
424	TEACHER-ENGLISH	45	22.333	19.022	24.489	19.756	20.933	20.444	23.867	21.489	18.533	15.067	13.022
425	TEACHER-FOREIGN LANG	10	19.200	22.300	26.000	24.900	21.300	25.900	25.800	23.300	20.600	15.900	17.000
426	TEACHER-COMM ED	16	16.063	20.188	20.813	20.125	15.438	18.000	25.438	21.250	20.250	13.000	20.625
428	TEACHER-TRADES	45	18.378	17.667	12.756	18.089	18.956	12.756	26.178	28.111	19.733	14.956	15.822
429	TEACHER-PHYS ED	57	19.789	19.667	16.140	21.246	16.789	12.298	34.053	27.386	21.965	18.702	17.456
431	TEACHER-ART	15	18.867	21.933	22.733	19.133	34.467	21.267	25.800	27.000	19.400	16.400	15.467
432	TEACHER-MUSIC	38	18.579	17.421	21.211	20.395	21.237	35.947	21.921	21.895	20.263	17.289	15.684
440	TEACHER-HANDICAPPED	18	23.833	24.278	23.833	25.500	22.167	22.222	30.000	25.333	23.944	21.667	18.167
450	SCHOOL ADMIN (EXC COLL)	43	20.605	22.070	19.140	21.488	16.605	18.721	29.628	23.744	23.209	19.628	17.349
460	COLL/UNIV TCHR (NEC)	179	21.084	23.196	24.240	20.872	22.352	21.799	25.145	21.553	21.559	16.866	16.905
461	COLL/UNIV TCHR-MATH	28	23.536	19.357	22.893	16.643	19.179	19.786	24.821	20.357	18.357	15.143	20.000
462	COLL/UNIV TCHR-SCI	68	28.559	19.691	20.941	18.162	18.868	19.544	27.941	23.412	17.132	13.294	16.441
463	COLL/UNIV TCHR-SOC SCI	85	23.635	27.235	26.341	20.094	21.365	20.141	25.176	23.976	22.612	17.765	15.247
464	COLL/UNIV TCHR-ENGLISH	57	22.789	21.825	30.123	19.877	24.509	24.509	24.667	20.281	20.982	16.000	14.175
465	COLL/UNIV TCHR-FOR LANG	15	20.000	26.000	31.067	23.600	21.000	26.000	21.600	19.400	22.267	17.067	19.867
521	CLERGYMAN	176	20.313	20.045	22.244	25.114	19.631	19.756	25.756	24.739	21.415	17.102	17.551
527	MONK, BROTHER, NUN	16	24.000	20.500	24.750	27.938	22.688	24.750	25.188	27.188	20.000	16.375	19.063
52	RELIG WRKR (OTHER)	14	22.357	18.857	21.357	25.786	21.714	22.286	29.429	26.429	21.429	20.000	21.786
531	WRITER (NEC)	24	20.333	16.833	23.292	15.792	23.333	20.125	22.958	23.750	14.500	11.167	10.292
534	JRNLIST/REPRTER	43	18.419	27.535	26.721	17.907	21.209	23.116	27.093	21.558	20.163	16.884	15.744
539	TRNSLTR, INTRPRTR, LINGST	9	22.000	17.444	20.556	16.889	22.778	24.222	21.222	20.778	19.667	15.222	15.111
541	FINE ARTS	16	17.313	19.938	22.063	16.313	30.313	23.750	20.000	23.875	19.375	15.125	10.063
545	COMM ARTIST	48	20.667	14.833	19.771	15.750	32.208	20.125	25.458	29.375	19.417	15.021	12.688
547	DESIGNER (CONS GDS)	28	15.143	13.607	14.929	13.179	23.214	12.929	25.714	27.321	18.321	13.036	14.429
551	MUSICIAN	24	18.208	11.875	19.833	16.958	21.500	33.833	18.125	19.208	16.250	13.042	12.667

TABLE 1.3 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INTEREST INVENTORY (CONTD.)										
			BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE	ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION
			P-702	P-703	P-704	P-705	P-706	P-707	P-708	P-709	P-710	P-711	P-712
000	NO ANSWER	1912	9.801	11.840	8.559	7.558	9.165	10.976	8.979	9.939	7.422	8.698	8.366
001	DON'T KNOW	903	9.110	11.713	8.192	6.998	9.725	10.272	9.193	10.181	7.503	8.835	8.140
101	EXECUTIVE (NEC)	43	9.109	10.838	7.351	6.037	7.744	10.473	8.634	9.649	6.339	9.222	8.231
102	FOREMAN (NEC)	49	10.247	12.424	8.237	7.777	8.516	10.004	8.985	8.403	8.233	8.966	9.287
111	WORK FOR GOVT (NEC)	52	9.078	11.927	9.456	7.114	9.623	10.472	10.081	9.824	6.475	8.926	7.971
112	IN BUS FOR SELF (NEC)	273	9.638	11.863	7.852	7.315	8.876	9.995	9.702	10.296	7.231	9.282	8.150
120	IND, BUS, COMM (NEC)	141	9.124	11.775	8.179	6.675	9.599	9.143	7.665	9.636	6.450	8.964	7.590
121	RETAIL (NEC)	33	8.216	10.400	7.049	6.462	8.770	11.281	5.781	10.612	6.928	10.555	7.871
122	TRANSPORTATION (NEC)	27	8.199	11.509	6.638	5.909	5.191	9.511	9.935	10.035	6.822	7.803	8.985
123	REAL ESTATE (NEC)	17	9.141	13.412	8.425	9.411	9.352	10.098	11.814	11.796	8.307	11.014	10.459
124	INSURANCE (NEC)	35	9.320	12.005	9.046	6.606	8.677	11.213	9.238	12.287	7.752	8.424	8.782
125	ELECTRONICS (NEC)	155	9.392	11.586	8.425	7.036	9.556	10.774	9.565	9.040	7.350	9.969	8.249
150	RESEARCH (NEC)	9	9.680	10.906	8.007	5.578	9.301	12.104	7.108	10.317	3.745	7.726	9.103
211	MATH, STAT	46	8.442	10.593	8.278	6.369	8.612	11.645	8.788	8.180	7.294	8.696	9.215
212	OTHER STATISTICS	14	7.590	7.882	6.902	7.488	6.985	10.228	8.997	11.141	7.612	7.607	6.615
221	SYSTEMS ANALYST	42	8.652	10.826	7.183	7.162	9.612	10.037	9.599	11.966	6.632	7.876	7.994
222	COMPUTER PROGRAMMER	121	8.528	10.847	7.946	6.973	8.544	11.060	8.222	9.264	7.294	9.116	7.827
229	COMPUTER SPEC (NEC)	20	8.037	13.065	9.184	8.609	10.054	10.103	9.664	11.557	8.075	9.774	8.105
230	PHYSICAL SCI (NEC)	19	6.825	11.665	5.761	8.611	7.981	11.767	8.422	7.950	7.506	9.793	9.805
231	CHEMIST	91	9.195	11.563	7.224	7.345	7.778	10.588	9.915	10.261	7.197	8.293	8.101
232	PHYSICIST	44	7.766	11.810	7.546	8.133	8.779	10.108	8.473	10.158	6.456	7.433	7.963
234	GEOLOGIST	17	8.009	13.212	7.416	6.422	7.566	9.499	7.776	9.070	7.434	8.046	7.132
235	METEOROLOGIST	10	8.769	5.777	5.029	8.297	7.806	12.076	7.616	9.138	5.850	5.522	7.218
240	ENGINEER (NEC)	157	8.578	10.604	7.521	6.380	8.743	10.608	8.120	9.565	6.310	7.412	7.586
241	CIVIL ENGINEER	105	8.045	9.749	6.550	6.199	7.585	10.626	7.721	9.712	6.507	7.273	7.713
242	ELECTRICAL ENGINEER	243	8.626	11.438	7.712	6.327	8.079	9.947	8.835	9.909	6.896	8.255	7.469
243	MECH ENGINEER	143	8.293	10.785	7.112	6.482	7.555	9.424	7.816	8.534	6.538	7.696	7.301
244	AERONAUTICAL ENG	37	9.805	11.033	6.976	6.492	7.792	9.871	9.240	9.552	6.066	8.911	7.504
245	CHEM ENGINEER	59	7.673	9.946	7.429	6.520	8.115	11.287	6.636	8.492	6.689	6.816	7.933
250	ARCHITECT	59	8.157	9.816	7.936	6.901	7.651	11.518	7.235	10.301	5.971	8.189	6.914
299	PHYS SCI, LAB TECH	73	8.557	11.665	7.715	6.570	7.710	9.683	8.522	8.761	7.049	7.082	8.230
310	BIOLOGIST, ZOOLOGIST	32	7.550	10.448	8.799	6.650	9.537	11.808	8.213	7.374	7.513	8.042	8.397
313	SPEC IN AGRIC SCI	35	9.285	12.041	7.965	7.021	8.097	9.314	7.440	8.864	7.785	8.990	9.950
314	WLDLF/FOREST SPEC	49	8.193	10.524	8.176	6.680	9.064	10.641	8.829	5.963	7.440	9.621	7.096
316	MICROBIOLOGIST	15	8.650	12.381	8.187	7.708	8.093	11.880	7.873	8.975	7.798	9.655	10.964
317	BIOCHEMIST	9	8.000	10.269	9.563	6.124	4.637	11.508	9.207	8.810	5.044	8.573	4.893
322	MD-SURGEON	14	3.992	9.780	5.880	7.701	9.780	9.395	7.833	7.127	7.685	6.569	8.090
329	MD-OTHER	229	6.618	11.210	7.448	6.824	9.530	11.216	8.571	10.056	6.954	7.893	7.951
332	DENTIST	97	6.680	10.856	6.847	7.379	8.397	10.158	6.975	7.912	6.828	7.970	7.668
333	VETERINARIAN	20	8.761	11.109	7.987	7.770	7.861	9.103	8.229	8.604	7.415	7.286	8.061
343	PHYS THERAPIST	11	8.213	7.202	4.367	5.269	4.452	10.122	11.000	9.455	6.750	4.614	6.918
347	MED/DENT TECHNOL	16	11.105	9.995	9.797	6.890	9.401	10.370	6.625	9.472	5.437	6.281	6.260
348	MED/DENT TECHNICIAN	27	9.485	10.689	8.440	7.001	7.992	11.738	7.930	9.912	6.843	9.149	9.001
350	HOSPITAL ADMIN	11	8.152	10.843	7.725	9.201	8.235	9.853	10.737	10.968	9.146	9.860	6.640
335	PHARMACIST	91	8.660	10.348	7.152	7.402	8.300	9.921	7.809	9.866	7.226	8.307	8.282
360	PSYCHOLOGIST	104	8.845	10.422	7.029	6.533	8.771	10.697	8.774	10.172	6.649	8.730	6.839
370	SOCIAL WORKER	60	8.555	12.304	9.216	7.235	9.964	12.138	7.561	10.487	7.484	8.478	7.561
371	PSYCHIATRIC SOC WRKR	9	6.509	7.055	6.360	6.083	4.902	11.505	10.654	10.130	3.182	5.523	5.855
372	COUNSELING/GUIDANCE	12	7.392	9.509	4.621	4.634	5.565	8.794	6.645	10.991	2.811	6.047	8.222
373	VOC/ED GUIDANCE	23	8.262	10.020	6.855	4.724	8.138	11.019	8.344	9.062	6.088	7.620	7.021
382	ECONOMIST	22	8.251	10.807	8.467	8.322	9.189	9.643	8.829	8.997	7.271	9.506	8.565
389	SOCIAL SCI (MISC)	21	9.158	9.415	7.792	7.077	8.031	10.581	5.967	8.288	6.794	9.403	6.622
392	DIPLOMAT	22	9.454	12.920	8.361	7.188	10.014	11.935	12.685	11.744	7.161	8.688	6.819
393	LAWYER	303	9.075	10.338	7.995	7.365	8.934	11.265	7.904	10.445	6.521	8.450	8.828
394	MARKET ANALYST	10	10.648	7.118	5.944	4.984	6.730	8.867	6.519	7.619	4.169	9.442	9.006
398	CITY PLANNER (NEC)	12	9.523	9.977	8.397	4.999	12.071	12.383	10.983	9.889	6.829	4.677	8.005
400	TEACHER (NEC)	423	9.087	11.397	7.715	7.260	8.354	10.907	8.292	10.004	6.955	8.684	8.743
412	TEACHER-ELEM	65	8.736	11.930	7.839	8.189	9.990	10.608	7.829	11.386	8.043	8.865	7.737
420	TEACHER-HS (NEC)	63	9.725	12.110	8.570	7.555	10.256	11.589	8.553	8.935	6.735	8.183	8.044
421	TEACHER-HS MATH	52	10.083	9.920	8.518	6.990	8.886	9.996	9.563	11.279	7.222	8.937	7.226
422	TEACHER-HS SCI	50	7.063	10.059	6.759	6.992	8.552	10.104	6.657	8.187	6.465	7.902	7.572
423	TEACHER-HS SOC ST	34	9.181	11.291	8.653	7.735	8.992	11.990	9.895	10.130	6.917	3.176	8.940
424	TEACHER-ENGLISH	45	8.536	11.893	7.976	7.802	10.118	14.373	9.084	11.965	6.330	8.302	8.417
425	TEACHER-FOREIGN LANG	10	9.114	13.671	7.165	4.654	10.446	9.457	7.021	12.266	7.589	9.916	11.888
426	TEACHER-COMM ED	16	7.188	13.580	7.565	7.924	8.914	14.949	10.558	9.883	7.793	7.958	11.093
428	TEACHER-TRADES	45	8.970	9.634	6.675	6.473	8.515	9.900	8.139	9.798	6.777	8.152	7.676
429	TEACHER-PHYS ED	57	6.979	10.679	7.645	7.998	8.039	8.675	5.795	10.569	6.907	8.381	8.844
431	TEACHER-ART	15	10.239	9.603	6.912	7.671	5.343	11.955	6.338	9.181	6.978	7.753	7.220
432	TEACHER-MUSIC	38	7.752	11.972	9.148	7.073	10.047	5.633	10.771	10.976	7.258	8.269	7.729
440	TEACHER-HANDICAPPED	18	7.868	11.741	7.358	5.659	10.037	9.403	7.420	9.935	5.846	8.059	8.480
450	SCHOOL ADMIN (EXC COLL)	43	10.072	11.158	8.476	7.209	8.042	13.066	9.131	10.742	7.526	10.130	7.590
460	COLL/UNIV TCHR (NEC)	179	9.175	11.765	8.647	7.863	9.841	12.715	9.926	11.717	7.670	9.075	8.941
461	COLL/UNIV TCHR-MATH	28	8.113	13.177	6.957	7.030	9.432	11.952	9.657	10.260	8.719	9.478	8.786
462	COLL/UNIV TCHR-SCI	68	8.317	10.599	7.234	7.939	8.566	11.552	8.599	9.376	7.423	8.320	8.537
463	COLL/UNIV TCHR-SOC SCI	95	10.191	11.148	8.148	7.908	10.330	11.783	9.635	10.377	7.029	7.928	8.686
464	COLL/UNIV TCHR-ENGLISH	57	10.274	12.417	6.827	7.512	9.860	12.179	8.467	10.515	7.037	8.886	8.948
465	COLL/UNIV TCHR-FOR LANG	15	7.550	8.864	5.311	5.926	9.211	10.282	10.204	11.005	7.667	7.583	7.671
521	CLERGYMAN	176	9.624	11.621	8.430	6.625	8.776	11.359	9.422	10.274	6.507	8.883	8.531
522	MONK, BROTHER, NUN	16	9.136	11.564	9.977	7.122	9.343	10.674	8.742	9.772	8.548	9.535	8.410
523	RELIG WRKR (OTHER)	14	8.233	11.568	9.287	5.740	8.862	11.893	9.027	11.407	6.198	7.254	6.302
531	WRITER (NEC)	24	7.966	13.653	9.553	10.164	12.419	12.909	8.903	11.848	9.089	9.102	7.105
534	JRNLIST/REPRTER	43	10.593	10.178	8.656	7.104	9.780	11.232	10.045	12.380	8.361	10.098	10.381
539	TRNSLTR, INTRPRTR, LINGST	9	10.259	15.051	10.748	6.735	10.438	15.180	13.132	13.036	7.746	7.950	9.993
541	FINE ARTS	16	9.877	12.783	6.496	7.097	7.171	11.240	9.647	11.331	8.221	8.294	6.361
545	COMM ARTIST	48	9.210	11.286	8.665	7.094	7.276	9.421	9.303	8.969	7.827	8.760	7.918
547	DESIGNER (CONS GDS)	28	8.610	9.566	8.393	6.700	9.886	9.564	7.317	8.594	6.171	6.936	8.413
551	MUSICIAN	24	9.012	11.659	9.039	7.056	9.060	10.315	12.256	10.851	9.289	9.639	10.336

TABLE 1.3 (continued)

#	GROUP	N	BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE	ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION
			MEANS										
			INTEREST INVENTORY (CONTD.)										
			P-702	P-703	P-704	P-705	P-706	P-707	P-708	P-709	P-710	P-711	P-712
559	MUSIC-RELATED (MISC)	15	18.600	18.067	22.533	18.133	21.600	34.467	24.333	21.533	17.600	15.867	15.133
575	THEATRE (OTHER)	23	22.348	22.391	24.957	17.783	23.348	24.348	25.130	27.522	23.435	19.478	13.391
578	RADIO/TV ANNOUNCER	17	19.059	20.118	22.000	18.294	19.471	19.706	23.529	21.294	20.000	19.235	15.882
579	MISC PERF ARTS	12	18.750	16.167	19.500	13.583	19.917	17.500	22.167	29.083	19.167	19.333	14.167
611	ATHLETE	10	20.000	20.700	18.700	14.400	20.200	15.200	34.200	32.400	20.900	15.700	16.300
612	PRO ATHLETICS (AUX)	15	20.600	19.400	15.733	20.533	14.200	11.933	35.000	30.200	23.267	19.333	20.067
621	RECREATION DIR	18	19.722	21.111	16.222	22.056	19.000	15.000	31.500	28.167	21.444	19.444	15.722
623	FRSTRY, HUNT, TRAP	19	18.474	13.421	14.316	14.947	19.368	11.368	29.579	34.632	15.579	13.421	12.947
631	FARM/RANCH OWNER	128	14.711	14.305	11.445	14.609	12.766	9.945	25.813	29.453	18.039	15.484	15.844
639	FARMING (OTHER)	244	15.287	14.057	11.295	15.012	12.135	9.484	25.832	29.996	18.225	15.873	15.648
640	MILITARY (RANK NOT IND)	54	17.315	17.370	16.278	15.222	17.185	15.315	25.741	26.574	19.889	15.759	15.148
641	MILITARY-ENLISTED	13	19.385	19.308	16.077	15.000	19.077	18.000	30.385	27.538	19.000	19.769	15.308
642	MILITARY-OFFICER	108	21.639	22.815	19.852	17.694	19.148	15.028	28.944	28.861	21.407	16.056	17.296
650	INTELLIGENCE-CIA, ETC.	21	19.333	26.667	20.476	16.095	18.095	14.667	26.000	26.571	23.667	20.286	14.762
661	POLICE (PUBLIC)	151	18.729	18.881	16.040	16.768	16.358	13.894	27.868	30.086	20.536	14.795	15.623
666	FIREMAN	41	16.171	19.341	13.195	15.024	15.707	9.000	27.341	29.927	20.829	15.341	17.488
669	OTHER PROTECTIVE	22	17.045	17.773	14.136	16.000	15.545	9.682	29.909	29.909	19.091	17.591	14.864
711A	BANKING & FINANCE, I	63	16.413	18.095	16.143	16.397	14.095	14.524	27.492	27.683	22.936	19.714	19.413
711B	BANKING & FINANCE, II	116	19.862	22.931	18.405	16.397	17.560	13.672	27.121	24.431	24.138	20.741	21.026
712	INVSTMNT, STOCK CONSULT	11	21.727	18.909	17.000	15.909	14.091	19.727	24.364	24.182	22.273	20.091	25.818
716	CPA	280	18.954	22.036	16.332	16.661	15.368	13.054	28.311	24.932	23.304	19.589	24.892
717	ACCTANT (EXC CPA)	202	16.386	19.688	15.693	16.470	15.005	12.436	26.787	25.782	22.589	20.579	23.545
721	PURCHASING AGENT	25	17.280	19.800	15.240	18.280	15.560	10.360	25.520	26.920	23.400	19.400	16.920
722	RETAIL BUYER	22	19.136	21.227	15.864	17.545	14.636	12.455	26.318	21.364	23.136	22.727	20.000
723	EFFICIENCY EXPERT	111	20.117	22.604	17.423	17.054	16.730	12.559	29.090	27.360	23.108	18.459	20.027
724	ADVERTISING	40	20.700	20.750	19.375	16.975	24.550	14.800	27.650	25.975	22.150	20.475	15.950
725	PUBLIC RELATIONS	31	19.161	22.677	21.226	17.548	18.258	15.903	27.419	25.613	22.516	20.194	16.903
726	PERSONNEL ADMIN	81	21.272	23.506	17.691	17.642	14.036	14.148	29.395	27.630	23.444	20.370	18.531
727	APPRAISING, ESTIMATING	36	20.694	20.389	14.750	16.472	14.028	11.000	26.861	26.694	22.139	19.333	19.000
728	LOAN/CREDIT INVESTIG	29	17.276	20.310	17.414	17.586	15.069	12.207	22.897	22.034	22.069	20.552	18.241
730	BUS MGMT ADM (NEC)	511	20.665	21.789	17.932	16.742	17.706	14.554	27.065	25.890	23.290	19.697	19.489
731	MFG MGMT	95	21.989	20.747	17.716	16.253	17.600	13.421	27.916	24.084	22.263	18.253	19.063
732	WHSL/RET TRADE MGMT/MKTG	195	19.672	21.395	17.333	16.610	16.959	12.851	27.579	27.241	23.195	20.913	19.754
738	SUPERVISOR IN BUS	87	18.310	17.161	15.023	15.908	16.356	13.471	26.943	27.184	20.701	19.690	19.299
741	SLSCLERK	23	13.391	12.435	11.348	11.087	13.565	10.000	24.913	23.565	16.783	14.652	14.130
742	RTEMAN (MILK, LAUNDRY, ETC)	12	12.750	11.500	13.333	13.583	13.417	12.250	25.167	27.250	18.083	17.417	12.250
743	STOCKBROKER	23	23.000	26.174	22.739	17.000	21.261	14.217	26.522	28.913	25.217	20.870	19.696
745	REAL ESTATE SLSMAN	26	21.077	21.385	17.731	18.077	18.192	14.462	26.885	25.577	23.654	24.115	16.615
746	INSURANCE SLSMAN	61	18.000	20.475	15.607	16.443	16.377	11.607	27.525	26.705	22.426	19.885	18.689
747	AUTO SLSMAN	22	14.818	19.591	16.318	14.818	18.455	12.864	29.182	27.318	23.545	21.909	19.364
748	OTHER SLSMAN (NEC)	350	18.731	19.800	15.409	16.517	16.320	13.823	27.297	27.449	22.360	20.986	17.863
749	SALES MGR	73	18.904	22.959	18.356	17.671	17.397	13.384	29.329	25.479	24.205	21.863	20.329
751	BOOKKEEPER	10	10.400	15.900	12.100	19.500	10.000	20.200	21.600	20.300	18.500	18.500	20.100
755	MISC ACCT RECDG	27	19.148	20.407	17.926	15.556	19.481	15.630	26.222	25.667	22.889	19.556	16.185
758	COMPUTER OPERATOR	78	17.179	18.500	15.321	16.846	15.564	13.154	27.692	25.449	22.218	18.833	21.192
769	CLERK (MISC)	24	17.292	22.667	17.667	18.625	18.125	15.458	29.625	29.292	24.042	21.792	21.250
772	OFFICE MGR	28	17.786	19.143	15.643	15.643	15.857	11.286	24.107	24.929	22.036	21.321	22.286
789	OTHER "PUB CONT" OCCS	14	12.286	15.643	15.000	14.714	16.571	13.214	24.286	19.857	21.143	19.571	19.571
791	RADIO, TELEGR, TTY OP	14	16.214	11.857	13.786	14.429	18.643	17.143	29.643	23.286	20.071	15.357	16.786
797	MISC CLERICAL	112	18.295	17.518	16.071	16.893	15.857	15.397	26.491	27.982	20.063	17.964	18.464
798	MISC ADMINISTRATIVE	38	22.500	22.711	19.368	18.842	20.053	17.500	30.237	27.632	24.289	21.868	20.868
810	ELECTRICIAN	168	16.720	14.851	13.196	14.357	16.088	11.506	24.923	29.024	19.065	15.893	15.577
811	ELECTRONIC TECHNICIAN	212	18.066	15.377	14.599	13.972	16.627	13.080	24.481	28.113	19.172	14.849	16.972
812	APPLIANCE REPAIR	55	16.982	16.073	14.273	15.000	16.109	15.745	24.327	28.182	19.982	15.800	16.073
813	PHONE INSTALL & REPAIR	39	16.205	16.205	13.513	13.744	17.615	11.564	27.231	30.974	20.231	16.923	15.846
814	REPAIR & SERV COMP	32	20.094	13.656	13.875	14.813	15.688	14.750	26.125	27.250	18.844	15.063	16.469
820	MECHANIC (NEC)	116	16.147	13.948	12.362	13.733	15.034	11.948	24.388	28.698	17.793	16.293	14.414
821	AUTO MECHANIC	74	12.797	12.500	10.365	12.405	13.365	9.797	22.703	24.338	16.405	13.649	13.824
822	AIRPLANE MECHANIC	68	16.162	16.029	12.956	13.618	15.309	11.529	25.132	28.897	18.868	15.706	14.971
823	OFFICE MACH REPAIR	17	18.824	15.471	12.118	14.235	12.882	10.941	21.882	28.941	18.941	15.706	16.706
824	IND MACH REPAIR	21	13.381	14.524	10.714	12.000	13.619	9.429	24.048	25.762	19.095	14.571	16.095
828	MACHINIST	176	15.585	14.494	12.398	14.023	15.591	11.159	25.767	28.864	18.710	14.858	15.631
831	CABINET MAKER	13	15.462	15.077	13.846	15.154	23.231	16.231	22.231	29.846	20.077	17.923	15.385
832	CARPENTER	55	15.218	12.291	11.836	14.855	15.764	11.336	25.764	29.818	17.945	17.164	16.164
833	METAL TRADES	92	14.141	12.674	11.967	14.359	14.315	11.348	26.065	30.217	18.707	15.946	15.685
834	BRKLYR, MASON, PTR, RFR	62	14.952	13.806	13.065	13.919	15.145	11.629	26.597	28.081	18.726	15.839	14.548
835	PLUMBER, PIPEFTR	72	17.361	15.264	14.903	16.014	17.083	13.319	26.722	28.764	19.625	16.694	15.319
836	HEAVY ÉQUIP OP	47	15.000	15.234	12.191	14.489	13.255	10.489	25.553	30.383	20.426	16.851	17.234
837	MISC BLDG & CONST	71	17.197	15.380	14.085	16.056	17.676	13.056	28.141	28.620	19.423	16.282	15.845
838	MINING, QURYNG, DRLNG	16	20.563	14.750	12.813	12.938	15.688	10.750	26.750	32.875	21.125	19.188	16.813
841	PILOT	99	20.768	19.222	17.091	15.727	17.485	15.313	27.909	28.939	20.616	15.505	17.556
848	AIR TRAFFIC CONTROLLER	13	17.538	17.385	16.615	15.846	12.538	14.231	24.077	22.385	19.308	16.615	13.692
851	MERCHANT MARINE OCC	10	14.400	15.200	14.000	15.100	19.900	15.400	22.700	25.900	16.000	11.000	12.700
852	RAILROAD OCCS	10	22.900	21.100	18.600	20.600	16.500	12.800	30.100	25.600	25.500	19.200	23.100
853	AUTO, BUS, TRUCK DRVR	85	13.388	16.635	11.894	14.165	13.506	9.118	25.541	29.341	19.094	14.882	14.506
861	PRINTING TRADES	106	13.868	12.896	12.443	13.679	15.434	11.689	25.094	27.453	17.708	16.453	15.377
863	SURVEYOR	27	19.037	15.963	15.000	16.889	17.333	10.296	28.000	28.630	19.074	15.630	17.593
864	DRAFTSMAN	140	17.079	15.993	14.521	14.229	20.650	12.500	27.579	29.929	19.864	15.771	17.071
865	PHOTOGRAPHY	39	17.744	17.590	16.718	14.821	21.436	15.821	26.590	27.667	18.462	15.821	14.795
867	LANDSCAPE ARCHIT	13	21.769	15.538	19.923	13.000	25.385	19.692	22.769	28.846	20.846	17.769	12.538
868	CLTHNG & FASH TRADES	14	13.000	15.929	17.571	16.500	19.714	17.357	27.286	28.571	21.000	15.714	17.214
881	FOOD & BEVERAGE PREP	28	15.929	16.250	16.321	19.536	17.643	14.107	25.036	26.286	21.607	21.821	19.036
885	BUTCHER, MEAT CUTTER	23	14.696	15.739	13.652	16.565	13.391	13.826	28.826	30.826	18.783	17.000	16.957
891	MISC PERSONAL SERVICES	12	11.250	14.750	11.667	10.917	13.250	13.667	21.167	19.083	17.167	14.167	14.250
892	BARBER	41	16.829	14.780	14.268	17.512	16.073	14.488	27.049	26.219	20.073	16.854	16.268
893	HAIRDRESSER	15	19.933	14.867	18.400	17.667	23.733	26.000	20.067	19.067	19.067	20.400	16.533
899	GENERAL LABORER	277	15.664	15.805	12.733	15.130	14.957	10.935	27.014	28.487	19.946	17.379	15.430
	TOTAL	14123	19.712	19.226	17.072	16.715	17.478	14.565	26.728	26.940	20.879	17.560	17.640

TABLE 1.3 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INTEREST INVENTORY (CONTD.)										
			BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE	ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION
			P-702	P-703	P-704	P-705	P-706	P-707	P-708	P-709	P-710	P-711	P-712
559	MUSIC-RELATED (MISC)	15	10.126	9.277	9.665	9.833	10.126	6.010	10.761	11.612	10.020	9.576	11.307
575	THEATRE (OTHER)	23	7.895	11.171	9.339	7.574	9.364	9.810	11.283	9.718	7.197	9.009	7.878
578	RADIO/TV ANNOUNCER	17	11.283	15.165	7.500	8.872	10.321	11.682	10.713	14.623	8.718	9.491	10.416
579	MISC PERF ARTS	12	9.165	14.690	9.756	6.097	8.939	10.484	11.456	9.756	8.156	8.804	9.806
611	ATHLETE	10	11.421	12.789	10.100	6.703	11.439	11.858	5.554	6.310	9.701	7.747	6.584
612	PRO ATHLETICS (AUX)	15	7.356	8.322	6.519	7.120	5.833	8.762	4.456	10.758	6.088	9.658	10.003
621	RECREATION DIR	18	7.201	11.732	9.156	7.182	10.449	10.765	5.639	9.519	6.147	6.810	7.482
623	FRSTRY, HUNT, TRAP	10	9.930	10.823	6.921	7.360	11.226	5.993	5.048	6.559	6.362	7.741	7.090
631	FARM/RANCH OWNER	128	8.836	10.884	6.894	6.399	8.052	8.124	9.741	10.026	7.540	8.304	7.465
639	FARMING (OTHER)	244	8.669	10.650	6.934	6.660	8.213	8.905	9.279	9.544	7.006	8.324	8.394
640	MILITARY (RANK NOT IND)	54	10.540	12.624	8.533	7.194	10.126	10.613	8.738	9.878	6.765	8.124	8.528
641	MILITARY-ENLISTED	13	8.078	12.546	5.908	6.658	7.251	11.075	6.035	10.055	6.952	8.890	6.725
642	MILITARY-OFFICER	102	8.348	10.759	7.797	6.988	8.393	10.215	8.397	9.066	7.397	8.020	9.040
650	INTELLIGENCE-CIA, ETC.	21	8.662	11.235	7.208	7.905	9.332	12.183	10.154	9.157	5.961	9.403	9.170
661	POLICE (PUBLIC)	151	9.006	11.780	7.513	7.178	8.923	10.764	8.086	8.973	7.203	7.980	8.882
666	FIREMAN	61	8.324	11.054	6.112	6.215	6.929	9.588	8.587	7.548	6.025	7.977	8.925
669	OTHER PROTECTIVE	22	7.798	12.067	7.127	7.078	8.879	9.296	7.994	7.880	6.704	7.744	7.742
711A	BANKING & FINANCE, I	63	8.831	11.982	9.002	7.228	9.103	11.103	8.316	10.309	7.632	8.592	9.416
711B	BANKING & FINANCE, II	116	9.671	10.577	7.340	7.410	8.107	9.883	8.143	9.819	6.264	8.538	8.494
712	INVSTMNT, STOCK CONSULT	11	7.564	12.880	6.573	4.657	7.595	9.446	5.938	9.600	6.798	12.558	10.675
716	CPA	240	8.063	10.495	7.253	6.542	8.115	9.909	7.680	9.801	6.050	8.150	8.077
717	ACCTANT (EXC CPA)	222	8.801	11.712	7.861	7.392	8.709	10.605	8.655	9.729	6.751	8.973	8.674
721	PURCHASING AGENT	25	8.198	12.400	6.704	7.368	7.177	7.106	10.034	11.640	6.837	9.636	10.428
722	RETAIL BUYER	22	12.064	11.912	7.599	6.277	7.719	8.416	8.067	10.531	6.490	8.702	8.446
723	EFFICIENCY EXPERT	111	8.572	10.602	7.475	6.654	7.416	10.518	8.957	10.880	6.707	8.559	8.400
724	ADVERTISING	40	8.327	9.907	8.581	6.974	9.030	9.447	7.611	9.048	5.400	8.320	7.338
725	PUBLIC RELATIONS	31	10.665	12.202	8.973	8.465	7.479	9.177	8.789	9.601	9.295	8.957	8.867
726	PERSONNEL ADMIN	31	9.019	11.214	7.907	7.806	8.166	9.877	7.992	8.913	6.612	8.773	9.058
727	APPRAISING, ESTIMATING	36	10.331	12.086	8.791	7.651	7.024	9.836	8.725	11.486	7.713	8.976	10.354
728	LOAN/CREDIT INVESTIG	20	9.341	10.847	7.365	6.179	7.382	8.914	10.533	12.061	6.302	9.723	8.074
730	BUS MGMT ADM (NEC)	511	9.027	11.021	7.511	7.374	8.510	10.874	9.007	10.170	7.274	9.246	8.302
731	MFG MGMT	95	8.919	11.256	7.387	7.235	7.639	9.566	8.732	9.123	7.182	8.383	7.817
732	WHSL/RET TRADE MGMT/MKTG	135	8.826	11.207	7.378	6.838	7.941	9.584	8.852	10.293	6.652	8.178	8.952
738	SUPERVISOR IN BUS	47	10.072	11.652	7.937	6.853	9.532	10.037	9.221	8.980	7.250	9.198	8.990
741	SLSCLERK	21	8.774	11.669	6.719	6.882	8.795	8.202	9.765	10.426	7.931	9.098	9.102
742	RTEMAN (MILK, LAUNDRY, ETC)	17	9.965	8.533	8.183	8.207	9.700	10.855	10.539	9.401	8.565	9.443	9.517
743	STOCKBROKER	23	8.586	12.116	9.102	6.769	9.362	11.685	7.627	10.557	6.855	8.209	8.171
745	REAL ESTATE SLSMAN	26	9.440	12.471	7.524	6.462	7.632	9.576	8.262	10.819	5.933	9.219	6.561
746	INSURANCE SLSMAN	51	9.973	11.427	7.320	7.309	8.458	10.354	9.320	9.410	7.732	8.963	8.953
747	AUTO SLSMAN	22	7.626	10.563	6.312	6.666	10.098	9.135	6.192	8.871	6.100	7.861	6.709
748	OTHER SLSMAN (NEC)	350	9.112	11.592	8.005	7.372	8.919	10.243	9.215	9.250	7.265	9.303	8.468
749	SALES MGR	22	10.120	11.545	8.188	7.632	7.756	9.735	6.708	9.665	7.079	8.077	8.273
751	BOOKKEEPER	10	9.442	12.182	7.062	10.223	7.211	12.805	13.624	11.390	7.663	10.341	5.990
755	MISC ACCT RECDG	27	8.538	11.543	9.219	9.146	8.451	11.975	9.512	11.104	7.154	8.368	8.339
758	COMPUTER OPERATOR	23	8.500	12.155	7.901	6.659	9.490	10.008	7.550	9.839	7.078	8.693	7.922
769	CLERK (MISC)	24	9.295	12.805	8.106	8.571	11.689	10.612	9.266	10.849	7.422	7.437	9.936
772	OFFICE MGR	28	7.946	12.122	7.588	6.285	8.914	10.544	8.469	10.259	8.859	9.684	9.599
789	OTHER "PUB CONT" OCCS	14	7.620	9.629	8.357	8.250	11.161	11.369	9.903	11.340	5.723	7.603	11.113
791	RADIO, TELEGR, TTY OP	16	9.537	10.932	7.885	4.183	11.500	11.414	8.941	11.187	6.708	9.589	6.518
797	MISC CLERICAL	112	9.049	12.370	8.703	8.342	9.245	10.613	9.798	9.662	8.092	9.548	9.158
798	MISC ADMINISTRATIVE	32	8.070	11.371	6.314	5.320	7.973	9.625	7.414	8.362	6.168	9.502	9.470
810	ELECTRICIAN	150	9.684	11.784	7.933	7.504	9.475	9.146	9.314	9.303	7.714	9.806	8.054
811	ELECTRONIC TECHNICIAN	212	8.761	11.219	7.659	7.120	8.469	10.591	8.617	10.054	7.746	8.553	7.483
812	APPLIANCE REPAIR	55	9.995	11.354	8.657	7.667	9.120	11.554	9.412	10.131	8.059	9.407	9.169
813	PHONE INSTALL & REPAIR	33	9.509	12.382	8.338	6.988	8.058	10.736	8.533	8.521	7.805	9.120	9.039
814	REPAIR & SERV COMP	12	8.840	12.191	7.653	7.368	7.036	10.339	7.910	10.003	7.952	9.412	8.755
820	MECHANIC (NEC)	116	9.404	10.941	7.413	6.822	8.855	9.191	9.735	10.210	7.351	8.828	7.447
821	AUTO MECHANIC	74	8.393	9.973	7.103	7.161	8.956	9.005	10.109	11.531	7.730	9.145	7.720
822	AIRPLANE MECHANIC	60	8.330	11.890	6.912	6.771	8.530	8.920	10.581	9.392	7.140	8.656	8.166
823	OFFICE MACH REPAIR	17	7.788	12.021	7.705	7.031	8.978	8.089	9.473	10.808	8.700	8.922	8.145
824	IND MACH REPAIR	21	9.868	10.971	6.944	8.450	7.338	7.717	9.516	12.433	9.099	8.755	10.193
828	MACHINIST	176	9.276	11.122	8.170	7.536	9.054	10.044	9.766	10.435	7.807	8.725	7.893
831	CABINET MAKER	13	10.666	10.332	6.283	4.776	9.892	10.940	9.212	7.116	7.251	6.264	4.646
832	CARPENTER	35	6.919	9.895	7.292	6.687	8.735	10.637	10.333	10.008	6.908	8.634	8.513
833	METAL TRADES	92	8.678	10.949	7.392	6.851	7.774	8.188	9.196	9.342	7.109	8.436	8.347
834	BRKLYR, MASON, PTR, RFR	52	8.233	10.483	7.631	6.387	8.531	10.333	9.436	11.678	6.821	8.851	7.649
835	PLUMBER, PIPEFTR	22	8.720	10.570	8.228	6.136	8.491	8.841	8.547	9.230	7.340	9.188	7.582
836	HEAVY EQUIP OP	47	8.569	10.821	7.321	6.061	7.736	8.291	9.385	9.011	6.820	7.838	7.844
837	MISC BLDG & CONST	71	8.920	11.276	7.861	6.899	9.256	9.538	8.726	9.862	8.392	9.147	7.866
838	MINING, QURYNG, DRLNG	16	7.393	11.688	7.185	7.298	10.065	8.136	9.497	7.745	6.682	9.799	8.924
841	PILOT	92	9.814	12.034	8.364	6.687	8.422	10.722	8.056	9.171	8.278	9.209	8.309
848	AIR TRAFFIC CONTROLLER	13	10.682	14.936	8.903	9.388	9.553	11.563	7.879	10.681	11.183	10.705	9.022
851	MERCHANT MARINE OCC	10	10.956	12.453	9.649	7.031	8.157	12.963	10.166	11.609	7.645	8.769	9.274
852	RAILROAD OCCS	10	5.109	10.005	5.542	6.168	9.981	7.376	6.967	10.013	4.859	8.377	9.303
853	AUTO, BUS, TRUCK DRVR	95	8.597	11.708	7.303	7.214	8.751	8.863	9.150	9.586	7.511	9.166	7.852
861	PRINTING TRADES	136	9.040	11.500	7.411	7.443	8.942	10.160	9.866	10.420	8.748	9.792	9.414
863	SURVEYOR	27	8.220	8.781	7.248	7.208	7.416	9.417	7.746	9.560	6.592	7.747	8.196
864	DRAFTSMAN	140	8.496	9.960	6.646	6.348	7.917	9.914	9.475	8.917	6.950	7.800	7.653
865	PHOTOGRAPHY	39	10.552	12.849	8.204	8.172	10.070	10.983	9.256	10.406	8.807	9.784	6.721
867	LANDSCAPE ARCHIT	13	8.156	10.867	8.311	6.928	5.531	10.483	7.440	11.423	8.868	12.262	7.666
868	CLTHNG & FASH TRADES	14	9.148	12.009	9.725	8.036	11.104	10.739	9.310	11.979	8.228	7.720	8.487
881	FOOD & BEVERAGE PREP	28	9.533	12.045	9.121	8.021	9.226	10.570	9.418	10.245	7.223	9.274	9.570
885	BUTCHER, MEAT CUTTER	23	10.692	14.492	9.098	7.633	8.500	9.824	7.952	8.094	9.070	10.492	8.584
891	MISC PERSONAL SERVICES	12	5.817	12.693	7.278	3.423	8.884	12.816	10.017	12.317	6.379	7.284	9.097
892	BARBER	41	9.521	10.813	7.004	7.187	9.913	11.216	8.925	10.294	6.616	9.251	7.781
893	HAIRDRESSER	15	12.262	13.825	8.551	6.355	10.347	11.263	12.601	11.087	9.177	9.912	10.006
899	GENERAL LABORER	277	9.375	11.734	7.762	7.295	8.447	9.890	9.130	10.085	7.321	8.568	7.992
	TOTAL	14123	9.662	11.852	8.554	7.532	9.080	10.938	9.020	10.166	7.443	8.928	8.591

TABLE 1.3 (continued)

			MEANS										
			INTEREST INVENTORY (CONTD.)					STUDENT ACTIVITIES INVENTORY					
#	GROUP	N	OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES	FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS
			P-713	P-714	P-715	P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606
000	NO ANSWER	1812	12.774	20.632	13.473	20.200	12.207	6.542	4.550	2.014	3.925	4.700	5.467
001	DON'T KNOW	893	12.720	20.589	14.004	20.529	12.939	6.311	4.237	1.966	3.654	4.379	5.237
101	EXECUTIVE (NEC)	43	14.488	19.674	12.326	19.419	11.140	6.419	5.023	1.930	3.953	5.442	6.256
102	FOREMAN (NEC)	49	14.939	25.082	17.041	23.612	15.735	6.918	4.612	1.816	4.388	4.694	5.224
111	WORK FOR GOVT (NEC)	52	13.923	18.942	13.154	19.462	11.462	7.096	4.654	2.038	4.058	4.673	6.096
112	IN BUS FOR SELF (NEC)	278	11.698	21.367	14.187	21.532	12.468	6.881	4.737	2.119	4.059	4.784	5.719
120	IND, BUS, COMM (NEC)	141	14.610	19.702	13.213	20.333	12.546	7.092	4.738	2.213	4.291	4.745	5.894
121	RETAIL (NEC)	33	15.909	19.515	14.606	20.879	14.091	7.455	4.485	1.667	3.788	5.091	5.848
122	TRANSPORTATION (NEC)	27	14.259	19.000	13.667	19.111	12.296	6.852	4.852	2.037	4.444	4.333	5.296
123	REAL ESTATE (NEC)	17	12.059	19.118	11.235	17.000	10.647	7.706	5.706	2.824	4.941	6.412	7.176
124	INSURANCE (NEC)	35	14.457	18.771	12.057	18.029	11.314	7.514	5.657	2.086	4.800	5.400	6.800
125	ELECTRONICS (NEC)	156	14.372	26.359	15.609	21.699	13.679	6.346	4.391	1.987	3.686	4.532	4.994
150	RESEARCH (NEC)	9	11.778	19.556	11.778	16.778	11.222	6.333	3.333	2.444	4.222	4.333	5.556
211	MATH, STAT	46	10.217	18.196	8.804	14.609	7.848	5.109	4.935	1.739	3.522	5.761	5.739
212	OTHER STATISTICS	14	16.286	19.643	9.357	17.143	10.000	7.143	3.786	2.143	4.429	4.500	4.929
221	SYSTEMS ANALYST	42	13.310	21.310	11.286	17.286	10.167	5.548	4.048	2.048	3.238	5.000	5.405
222	COMPUTER PROGRAMMER	121	14.223	21.380	12.554	17.851	11.702	6.678	4.355	1.843	4.149	4.612	5.512
229	COMPUTER SPEC (NEC)	20	15.750	21.350	11.550	16.600	10.550	6.500	4.050	2.100	3.650	4.850	5.450
230	PHYSICAL SCI (NEC)	18	14.222	20.889	12.667	18.167	11.778	5.389	4.833	1.778	3.889	5.000	5.111
231	CHEMIST	81	12.321	20.852	11.111	20.173	10.062	5.296	4.877	1.914	4.346	5.111	5.877
232	PHYSICIST	64	9.469	21.328	9.203	16.234	7.313	6.156	5.109	2.141	4.375	6.234	6.094
234	GEOLOGIST	17	11.000	23.000	10.765	20.882	8.176	6.529	5.588	1.647	4.118	5.706	7.176
235	METEOROLOGIST	10	11.600	20.600	10.300	19.900	10.400	4.400	5.000	1.400	3.700	5.100	4.800
240	ENGINEER (NEC)	167	12.329	23.048	12.150	20.066	10.743	6.425	4.922	1.784	4.072	5.575	6.293
241	CIVIL ENGINEER	105	10.819	21.238	11.505	20.143	10.848	6.962	4.762	2.029	4.391	5.400	6.038
242	ELECTRICAL ENGINEER	243	11.593	25.169	11.741	17.811	9.486	5.922	4.658	1.885	4.082	5.531	5.905
243	MECH ENGINEER	143	11.776	25.615	13.671	19.664	11.112	6.475	4.748	2.014	3.755	5.678	5.979
244	AERONAUTICAL ENG	37	11.919	22.730	10.784	19.973	8.892	6.432	5.270	2.108	4.351	6.054	5.730
245	CHEM ENGINEER	58	12.138	21.810	11.155	19.862	10.103	6.207	4.276	1.828	4.293	5.517	5.983
250	ARCHITECT	58	11.966	20.207	12.897	21.000	11.139	6.534	4.414	2.190	4.379	5.086	5.724
299	PHYS SCI, LAB TECH	78	12.513	22.872	14.397	20.821	12.667	6.705	4.705	1.910	4.026	4.846	5.500
310	BIOLOGIST, ZOOLOGIST	32	12.250	20.094	11.375	25.219	9.125	6.031	4.906	1.688	3.875	5.250	5.313
313	SPEC IN AGRIC SCI	35	12.314	19.200	13.486	32.171	11.629	6.800	4.086	1.686	4.400	5.486	5.857
314	WLDLF/FOREST SPEC	49	12.265	19.796	13.224	29.796	11.265	5.959	4.102	1.490	4.265	4.939	5.306
316	MICROBIOLOGIST	15	10.533	18.200	8.800	16.333	8.133	7.600	5.200	2.133	4.267	5.533	6.133
317	BIOCHEMIST	9	13.333	21.111	12.222	19.556	10.444	3.889	3.889	2.778	3.444	4.333	4.444
322	MD-SURGEON	14	10.071	15.214	7.357	11.214	5.000	7.357	5.429	1.786	5.000	6.286	6.714
329	MD-OTHER	229	9.336	15.865	8.445	16.450	6.856	6.729	5.376	1.969	4.376	5.956	6.371
332	DENTIST	97	11.072	18.082	10.505	19.124	8.278	7.866	5.351	1.722	4.608	5.794	6.845
333	VETERINARIAN	20	9.400	18.300	10.250	25.250	9.250	7.300	5.350	2.350	5.200	6.700	6.050
343	PHYS THERAPIST	11	15.273	19.545	14.273	21.364	14.818	6.636	5.364	2.273	3.909	5.727	6.455
347	MED/DENT TECHNOL	16	12.588	18.375	11.688	18.250	12.438	6.813	5.188	2.250	4.000	5.688	4.875
348	MED/DENT TECHNICIAN	27	11.593	20.926	11.111	19.778	11.148	7.519	4.185	2.037	5.000	4.852	5.444
350	HOSPITAL ADMIN	11	14.818	17.273	12.818	14.818	13.364	8.364	5.455	3.182	4.818	6.818	5.636
335	PHARMACIST	91	12.297	19.143	10.352	18.462	9.681	7.154	5.231	1.945	4.055	5.451	5.791
360	PSYCHOLOGIST	106	10.783	17.547	9.698	17.208	8.632	6.311	5.726	1.991	4.038	5.528	5.783
370	SOCIAL WORKER	60	11.883	17.883	10.967	18.683	9.667	6.983	4.983	2.167	3.567	4.433	5.517
371	PSYCHIATRIC SOC WRKR	9	13.222	15.111	11.667	18.556	9.111	5.222	4.778	1.000	3.556	4.667	5.667
372	COUNSELING/GUIDANCE	12	17.000	19.250	13.167	19.917	11.500	7.917	5.917	1.917	4.250	5.917	4.583
373	VOC/ED GUIDANCE	23	15.087	16.652	10.957	17.957	9.870	7.565	5.043	1.435	4.261	5.304	6.000
382	ECONOMIST	23	13.217	18.565	11.870	17.696	10.043	6.913	4.130	2.087	4.217	4.217	5.739
389	SOCIAL SCI (MISC)	21	11.619	18.333	10.714	19.476	9.143	9.048	5.286	1.905	4.952	5.000	6.381
392	DIPLOMAT	22	8.273	13.045	6.909	17.955	7.045	6.182	5.318	1.591	4.500	4.636	5.273
393	LAWYER	333	11.310	14.626	8.621	16.267	8.290	7.514	5.557	2.249	4.453	5.608	6.216
394	MARKET ANALYST	10	13.700	20.600	12.400	17.900	8.500	8.000	5.700	2.500	5.700	6.700	7.100
398	CITY PLANNER (NEC)	12	12.333	15.667	8.750	18.500	8.333	7.083	5.250	2.250	4.417	6.000	5.750
400	TEACHER (NEC)	423	13.936	17.825	11.459	19.236	10.747	7.296	5.090	2.064	4.470	5.395	5.331
412	TEACHER-ELEM	45	12.156	17.533	11.422	19.578	10.333	7.533	4.911	1.778	4.200	4.900	6.222
420	TEACHER-HS (NEC)	69	15.348	18.043	12.362	21.174	12.203	7.000	5.232	1.928	4.493	5.130	6.029
421	TEACHER-HS MATH	62	14.339	20.403	11.903	17.871	10.887	6.742	5.000	2.097	4.194	5.371	5.903
422	TEACHER-HS SCI	50	12.180	20.940	13.300	22.960	12.000	7.140	4.900	1.700	4.220	5.080	5.860
423	TEACHER-HS SOC ST	94	13.170	14.957	10.160	18.872	9.840	7.000	5.266	2.181	4.298	5.074	6.170
424	TEACHER-ENGLISH	45	11.644	14.044	8.444	16.267	9.133	6.733	5.467	2.378	3.800	5.044	5.244
425	TEACHER-FOREIGN LANG	10	13.900	15.800	12.600	23.100	11.200	7.000	5.900	1.200	3.900	5.500	4.400
426	TEACHER-COMM ED	16	16.125	16.250	11.188	17.188	10.375	7.000	4.750	1.875	3.813	5.813	5.563
428	TEACHER-TRADES	45	12.756	23.933	15.556	24.044	12.133	6.444	4.600	1.578	4.244	5.289	6.489
429	TEACHER-PHYS ED	57	11.930	19.982	13.807	21.491	12.561	7.702	4.947	1.702	5.263	5.632	6.105
431	TEACHER-ART	15	11.067	15.333	10.067	14.867	9.800	6.533	5.000	2.200	4.267	5.000	6.067
432	TEACHER-MUSIC	38	15.132	15.421	10.921	16.289	10.026	6.763	5.158	1.737	3.658	4.711	5.947
440	TEACHER-HANDICAPPED	18	13.944	13.556	10.111	19.944	8.889	8.167	5.667	2.111	4.556	4.278	5.556
450	SCHOOL ADMIN (EXC COLL)	43	13.605	15.953	10.279	17.349	10.326	9.163	5.140	1.953	4.860	5.163	6.930
460	COLL/UNIV TCHR (NEC)	179	11.804	15.184	9.335	16.966	8.894	6.844	5.547	1.978	4.212	5.676	6.285
461	COLL/UNIV TCHR-MATH	28	12.571	17.107	9.464	13.250	8.429	5.821	4.464	1.750	3.179	4.786	5.429
462	COLL/UNIV TCHR-SCI	68	11.397	19.853	9.779	18.662	8.132	5.926	4.941	1.779	4.324	5.882	6.456
463	COLL/UNIV TCHR-SOC SCI	85	11.224	15.012	9.094	17.918	8.988	5.835	5.176	2.000	4.188	5.553	6.247
464	COLL/UNIV TCHR-ENGLISH	57	10.439	13.211	7.632	14.614	6.930	6.123	5.982	2.175	4.035	5.544	5.614
465	COLL/UNIV TCHR-FOR LANG	15	13.000	12.000	8.333	17.267	9.600	6.333	5.600	2.400	3.933	4.800	5.533
521	CLERGYMAN	176	14.278	16.369	10.665	19.733	10.136	6.977	5.409	1.920	4.273	5.517	6.085
522	MONK, BROTHER, NUN	16	16.313	19.750	13.563	18.000	8.875	6.375	5.188	1.375	4.000	5.375	6.250
523	RELIG WRKR (OTHER)	14	16.786	17.571	14.571	19.214	15.214	7.357	5.071	1.429	4.214	4.857	5.786
531	WRITER (NEC)	24	9.333	13.542	8.417	14.250	7.375	5.042	5.125	2.375	2.750	4.917	5.417
534	JRNLIST/REPRTER	43	12.163	15.442	10.163	15.419	9.674	5.651	5.023	2.628	3.930	5.279	5.558
539	TRNSLTR, INTRPRTR, LINGST	9	11.889	14.667	9.556	11.556	7.111	7.667	5.778	2.222	4.111	5.778	6.000
541	FINE ARTS	16	10.625	14.750	10.688	15.563	10.063	8.125	5.063	2.875	4.500	4.313	5.625
545	COMM ARTIST	48	10.833	18.917	12.667	20.688	10.125	6.396	4.708	1.813	3.396	4.667	5.063
547	DESIGNER (CONS GDS)	28	9.607	22.714	13.464	19.964	11.750	6.357	4.393	2.393	3.464	5.000	5.571
551	MUSICIAN	24	12.542	15.667	8.667	15.083	9.000	5.750	5.500	2.542	3.917	4.583	4.708

TABLE 1.3 (continued)

			STANDARD DEVIATIONS										
			INTEREST INVENTORY (CONTD.)					STUDENT ACTIVITIES INVENTORY					
#	GROUP	N	OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES	FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS
			P-713	P-714	P-715	P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606
000	NO ANSWER	1812	8.022	8.214	7.248	9.771	6.971	2.955	2.348	1.646	2.190	2.552	2.868
001	DON'T KNOW	903	7.754	8.065	7.092	10.037	6.996	3.005	2.285	1.602	2.196	2.548	2.848
101	EXECUTIVE (NEC)	43	8.592	6.830	5.991	9.121	5.626	2.864	2.575	1.454	2.246	2.814	2.709
102	FOREMAN (NEC)	49	10.090	6.949	7.000	8.329	7.552	3.074	2.456	1.439	2.100	2.663	2.867
111	WORK FOR GOVT (NEC)	52	6.911	8.001	6.608	10.521	6.348	2.809	2.168	1.633	2.191	2.742	2.932
112	IN BUS FOR SELF (NEC)	278	7.650	8.498	7.155	9.828	6.727	3.029	2.393	1.694	2.207	2.491	2.947
120	IND, BUS, COMM (NEC)	141	8.292	7.935	7.258	9.309	6.899	2.810	2.326	1.580	1.937	2.625	2.910
121	RETAIL (NEC)	33	7.002	7.151	7.237	8.894	5.986	2.728	2.093	1.451	2.274	2.479	2.587
122	TRANSPORTATION (NEC)	27	7.289	8.167	7.478	10.386	6.151	2.522	2.316	1.506	1.987	2.320	2.267
123	REAL ESTATE (NEC)	17	7.369	9.453	6.657	10.422	5.231	2.953	2.114	1.704	2.076	2.425	2.069
124	INSURANCE (NEC)	35	7.762	8.275	6.287	8.982	6.452	3.071	2.235	1.704	2.180	2.862	2.435
125	ELECTRONICS (NEC)	156	8.388	6.082	6.734	9.071	6.627	2.926	2.288	1.704	2.280	2.445	2.791
150	RESEARCH (NEC)	9	5.696	7.748	7.328	7.807	6.996	3.162	2.345	1.590	1.563	2.646	2.404
211	MATH, STAT	46	7.058	7.571	6.036	8.803	6.522	3.453	2.265	1.467	2.105	2.750	3.051
212	OTHER STATISTICS	14	4.445	7.186	5.213	8.663	7.179	3.231	2.607	1.351	2.243	2.624	3.812
221	SYSTEMS ANALYST	42	7.630	7.813	6.542	11.847	6.963	3.125	2.622	1.577	2.418	2.767	2.855
222	COMPUTER PROGRAMMER	121	7.724	7.439	6.910	8.377	6.038	3.210	2.401	1.612	2.186	2.538	2.956
229	COMPUTER SPEC (NEC)	20	7.580	5.833	6.700	8.185	6.160	3.171	1.605	1.483	2.033	2.277	3.348
230	PHYSICAL SCI (NEC)	18	9.699	7.299	9.146	10.217	9.909	3.071	3.330	1.833	2.193	2.765	3.708
231	CHEMIST	81	8.284	6.991	6.815	10.493	6.268	3.269	2.600	1.606	2.192	2.820	3.295
232	PHYSICIST	64	7.391	6.307	5.683	7.829	5.398	3.353	2.607	1.698	2.333	2.611	3.235
234	GEOLOGIST	17	5.000	7.314	5.118	9.565	4.707	3.281	2.320	1.169	1.691	2.756	2.698
235	METEOROLOGIST	10	7.575	7.560	5.034	8.672	4.971	2.319	1.886	0.966	2.452	2.183	2.616
240	ENGINEER (NEC)	167	7.319	7.140	6.379	9.627	6.170	2.934	2.437	1.363	2.099	2.696	2.938
241	CIVIL ENGINEER	125	6.945	7.481	6.251	9.457	6.024	2.756	2.392	1.729	2.305	2.487	3.107
242	ELECTRICAL ENGINEER	243	6.759	6.640	6.392	9.446	6.063	3.116	2.480	1.690	2.258	2.656	3.058
243	MECH ENGINEER	143	6.626	6.282	5.627	9.100	5.433	2.877	2.309	1.583	2.215	2.555	3.130
244	AERONAUTICAL ENG	37	6.062	7.085	6.382	8.439	6.415	3.236	2.317	1.760	2.251	2.449	2.950
245	CHEM ENGINEER	59	6.658	5.966	5.470	8.717	5.476	2.925	2.338	1.738	2.069	2.501	2.731
250	ARCHITECT	58	7.764	6.622	6.706	9.196	6.126	2.748	2.152	1.830	2.191	2.415	2.913
299	PHYS SCI, LAB TECH	78	6.928	7.074	6.161	9.196	6.124	2.778	2.234	1.496	2.210	2.619	2.931
310	BIOLOGIST, ZOOLOGIST	32	8.459	7.863	5.673	7.188	6.554	3.228	2.752	1.447	2.537	2.929	3.412
313	SPEC IN AGRIC SCI	35	7.779	8.109	6.644	4.687	5.709	3.056	2.513	1.745	2.089	2.513	2.830
314	WLDLF/FOREST SPEC	49	7.285	5.845	5.378	6.468	5.922	3.075	2.163	1.401	2.405	2.520	2.710
316	MICROBIOLOGIST	15	9.372	9.143	6.002	10.369	5.475	2.293	1.568	1.922	1.870	1.846	2.825
317	BIOCHEMIST	9	5.000	7.339	7.120	11.403	7.178	1.833	2.472	1.986	2.297	2.739	1.509
322	MD-SURGEON	14	6.776	6.908	4.877	7.628	4.206	3.629	2.102	1.847	2.112	2.400	2.555
329	MD-OTHER	229	6.264	7.587	6.172	9.517	5.775	2.994	2.428	1.761	2.204	2.558	3.030
332	DENTIST	37	6.873	6.914	6.069	8.278	5.511	2.978	2.141	1.420	2.044	2.646	2.766
333	VETERINARIAN	20	6.747	8.125	5.210	10.094	5.785	2.867	2.277	2.007	2.042	3.358	3.576
343	PHYS THERAPIST	11	7.951	6.684	5.711	9.646	5.741	3.233	2.976	1.737	2.343	2.649	3.698
347	MED/DENT TECHNOL	16	7.543	7.881	5.735	6.486	6.860	3.082	2.007	1.571	2.309	2.701	2.630
348	MED/DENT TECHNICIAN	27	7.202	6.621	7.111	9.768	5.376	2.651	2.076	1.786	2.000	2.248	2.991
350	HOSPITAL ADMIN	11	8.727	11.472	8.852	8.953	9.069	2.873	2.770	2.601	1.722	2.183	2.618
335	PHARMACIST	91	7.528	7.114	6.156	9.550	7.039	2.925	2.338	1.635	2.177	2.630	3.107
360	PSYCHOLOGIST	126	7.261	8.695	6.444	8.262	6.029	3.133	2.262	1.944	2.186	2.523	3.030
370	SOCIAL WORKER	60	7.209	7.803	6.101	9.398	5.398	2.658	2.095	1.815	2.382	2.632	2.966
371	PSYCHIATRIC SOC WRKR	9	5.449	10.277	5.074	7.568	5.278	3.492	1.986	0.866	2.297	2.500	3.317
372	COUNSELING/GUIDANCE	12	9.352	8.874	6.713	9.395	6.613	2.937	1.929	1.564	2.379	2.193	3.919
373	VOC/ED GUIDANCE	23	6.459	7.547	5.827	7.431	5.039	3.145	2.011	1.343	2.027	2.512	1.859
382	ECONOMIST	23	8.196	7.993	6.448	9.142	5.440	2.255	2.074	2.295	2.467	2.662	2.864
389	SOCIAL SCI (MISC)	21	6.233	7.066	5.632	9.948	4.767	1.244	2.053	1.640	2.061	2.510	2.355
392	DIPLOMAT	22	6.741	7.749	5.822	9.199	6.821	3.673	2.169	1.008	2.177	2.361	2.848
393	LAWYER	393	7.493	7.777	6.153	9.280	5.931	2.897	2.342	1.880	2.119	2.569	3.006
394	MARKET ANALYST	10	10.166	9.348	7.412	6.674	5.318	2.357	2.163	1.900	1.947	2.359	2.378
398	CITY PLANNER (NEC)	12	6.583	10.534	7.325	10.211	5.532	3.777	2.768	1.712	2.712	2.629	2.734
400	TEACHER (NEC)	423	8.387	7.722	6.671	9.858	6.447	2.743	2.273	1.550	2.119	2.582	2.850
412	TEACHER-ELEM	45	10.070	8.414	7.133	9.505	5.394	3.079	2.304	1.594	1.973	2.272	2.485
420	TEACHER-HS (NEC)	60	7.732	8.540	6.444	10.251	6.370	2.749	2.211	1.793	2.167	2.532	2.864
421	TEACHER-HS MATH	62	7.428	8.336	7.019	10.371	5.657	3.188	2.165	1.544	2.047	2.556	2.974
422	TEACHER-HS SCI	50	7.550	7.865	6.606	9.598	6.596	2.850	2.159	1.568	1.877	2.679	3.226
423	TEACHER-HS SOC ST	94	8.758	8.207	6.378	9.239	6.132	2.775	2.338	2.058	2.228	2.490	2.917
424	TEACHER-ENGLISH	45	7.869	7.547	5.194	8.264	4.669	3.165	2.528	1.775	1.973	2.531	2.978
425	TEACHER-FOREIGN LANG	10	8.452	7.569	6.059	7.505	5.940	2.404	2.183	0.789	2.079	2.593	3.471
426	TEACHER-COMM ED	16	11.002	9.657	7.816	10.553	7.864	3.098	2.671	2.363	2.536	2.689	3.521
428	TEACHER-TRADES	45	7.825	7.063	7.018	10.649	5.953	2.849	2.330	1.373	2.347	2.546	2.990
429	TEACHER-PHYS ED	57	8.093	7.724	6.883	9.200	6.724	2.686	1.995	1.581	1.904	2.670	2.782
431	TEACHER-ART	15	7.334	7.037	5.351	8.061	4.989	3.314	1.890	1.568	2.187	2.330	2.963
432	TEACHER-MUSIC	38	8.479	7.413	6.499	10.137	6.153	2.954	1.838	1.703	2.031	2.404	2.567
440	TEACHER-HANDICAPPED	18	7.885	7.229	5.614	6.159	4.143	2.093	2.425	2.272	2.093	2.539	2.854
450	SCHOOL ADMIN (EXC COLL)	43	8.270	7.237	6.088	9.102	6.435	2.506	2.210	1.632	1.656	2.459	2.176
460	COLL/UNIV TCHR (NEC)	179	7.812	8.803	6.769	10.175	6.407	3.061	2.452	1.920	2.183	2.567	3.060
461	COLL/UNIV TCHR-MATH	28	9.203	8.862	7.628	9.074	7.988	3.378	2.531	1.798	2.420	2.544	2.873
462	COLL/UNIV TCHR-SCI	68	7.411	7.585	7.117	10.175	6.308	2.701	2.324	1.601	2.119	2.428	3.000
463	COLL/UNIV TCHR-SOC SCI	85	7.783	7.808	6.019	9.351	6.310	3.240	2.431	1.683	2.302	2.500	2.907
464	COLL/UNIV TCHR-ENGLISH	57	8.045	7.729	5.842	9.409	4.663	3.123	2.475	1.638	2.236	2.916	3.144
465	COLL/UNIV TCHR-FOR LANG	15	7.081	6.676	6.477	8.730	6.653	3.374	2.501	2.667	2.631	2.783	2.997
521	CLERGYMAN	176	7.878	8.158	6.550	9.646	6.840	3.087	2.398	1.644	2.208	2.709	3.031
522	MONK, BROTHER, NUN	15	8.890	6.256	6.142	8.477	6.376	2.277	2.762	0.806	2.098	3.008	3.624
523	RELIG WRKR (OTHER)	14	6.682	6.699	6.688	9.807	7.095	2.951	2.433	0.938	2.517	2.214	2.914
531	WRITER (NEC)	24	8.349	10.189	7.413	10.018	6.573	3.000	2.724	2.392	2.270	2.339	3.450
534	JRNLIST/REPRTER	43	9.744	9.176	7.656	9.374	7.705	2.919	2.577	2.204	2.109	2.693	3.050
539	TRNSLTR, INTRPRTR, LINGST	9	8.695	10.380	6.803	7.299	7.656	2.693	1.922	2.108	2.713	2.539	1.803
541	FINE ARTS	16	6.459	10.096	6.008	9.960	7.188	2.895	1.806	2.029	2.338	2.522	2.941
545	COMM ARTIST	48	6.666	8.042	7.006	10.393	6.902	3.051	2.010	1.566	2.295	2.676	2.709
547	DESIGNER (CONS GDS)	25	7.622	8.160	6.095	9.284	5.562	2.683	1.833	1.618	2.099	2.708	2.530
551	MUSICIAN	24	10.194	8.302	6.288	10.730	7.108	2.770	1.978	2.502	2.125	2.263	2.368

TABLE 1.3 (continued)

#	GROUP	N	MEANS										
			INTEREST INVENTORY (CONTD.)					STUDENT ACTIVITIES INVENTORY					
			OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES	FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS
			P-713	P-714	P-715	P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606
559	MUSIC-RELATED (MISC)	15	11.467	12.600	7.400	12.400	6.467	6.867	5.533	2.800	4.467	5.267	5.867
575	THEATRE (OTHER)	23	12.739	19.826	12.087	22.087	11.739	7.000	6.087	2.913	3.913	5.565	4.652
578	RADIO/TV ANNOUNCER	17	15.353	16.118	9.118	14.588	9.647	6.706	5.294	1.647	4.000	5.235	5.471
579	MISC PERF ARTS	12	11.250	18.167	10.833	16.250	9.000	6.000	4.833	1.833	2.250	4.000	4.583
611	ATHLETE	10	13.000	21.000	15.200	25.800	10.900	7.500	4.200	2.200	4.900	5.000	5.400
612	PRO ATHLETICS (AUX)	15	13.733	15.600	12.600	20.067	12.133	7.667	4.800	1.533	5.000	5.333	5.733
621	RECREATION DIR	18	11.778	17.278	12.611	21.778	11.000	8.389	5.667	1.944	4.944	5.389	6.389
623	FRSTRY, HUNT, TRAP	19	9.737	21.474	14.158	23.368	13.526	6.105	3.737	1.684	3.579	4.579	5.421
631	FARM/RANCH OWNER	128	12.117	22.672	16.273	32.641	14.531	5.711	4.055	1.813	3.711	4.609	5.313
639	FARMING (OTHER)	244	12.643	23.213	16.643	31.783	14.836	6.049	4.208	1.849	4.085	4.455	5.057
640	MILITARY (RANK NOT IND)	34	10.667	19.407	11.779	21.463	11.204	5.981	3.796	2.130	3.591	4.222	4.907
641	MILITARY-ENLISTED	13	11.000	20.538	15.615	21.385	13.923	[illegible]	4.437	1.452	3.769	3.923	4.615
642	MILITARY-OFFICER	104	11.500	20.269	11.574	22.435	10.463	7.337	4.893	1.931	4.657	5.063	6.296
650	INTELLIGENCE-CIA, ETC.	21	13.762	20.190	13.905	20.286	11.381	6.476	4.810	2.524	4.381	4.810	5.667
661	POLICE (PUBLIC)	151	12.066	20.272	13.854	21.649	12.291	6.656	4.669	1.336	4.278	4.841	5.743
666	FIREMAN	41	13.610	24.902	17.463	22.000	14.732	6.780	3.439	1.805	3.561	4.463	5.000
669	OTHER PROTECTIVE	22	10.591	21.273	14.000	19.227	12.545	7.591	5.318	1.773	4.591	5.091	5.864
711A	BANKING & FINANCE, I	53	15.132	20.413	13.333	19.779	12.049	7.384	4.603	2.524	4.226	4.943	5.937
711B	BANKING & FINANCE, II	115	12.784	16.707	10.293	18.147	9.922	7.129	4.681	1.940	4.130	5.139	5.828
712	INVSTMNT, STOCK CONSULT	11	15.727	18.636	11.636	16.818	11.364	6.918	4.318	2.182	3.909	5.000	5.909
716	CPA	230	15.943	19.075	11.846	18.239	11.261	6.911	4.436	1.893	4.086	5.126	6.254
717	ACCTANT (EXC CPA)	202	15.832	18.738	12.406	18.693	11.327	6.861	4.535	1.723	3.713	4.431	5.579
721	PURCHASING AGENT	25	11.480	18.960	11.960	21.120	10.960	6.520	4.960	2.040	4.000	4.400	5.760
722	RETAIL BUYER	22	13.455	15.955	9.409	14.455	8.636	9.000	5.773	2.864	5.318	5.545	7.091
723	EFFICIENCY EXPERT	111	12.847	20.595	11.297	19.126	9.863	7.144	4.838	1.775	4.505	5.423	6.297
724	ADVERTISING	40	12.275	17.000	10.625	16.925	9.525	7.600	4.900	2.550	4.175	3.875	6.275
725	PUBLIC RELATIONS	31	12.290	15.258	10.387	16.097	10.355	7.161	5.446	2.290	4.548	5.484	6.000
726	PERSONNEL ADMIN	41	13.383	17.000	10.728	18.630	11.430	7.563	5.123	2.395	4.098	5.366	6.012
727	APPRAISING, ESTIMATING	36	12.972	18.306	12.000	22.222	11.194	7.361	4.772	2.028	4.417	5.167	5.667
728	LOAN/CREDIT INVESTIG	29	13.138	17.241	11.621	19.448	11.276	6.690	4.724	2.517	4.345	5.655	6.172
730	BUS MGMT ADM (NEC)	511	13.771	19.967	12.249	19.241	11.294	7.254	4.951	2.221	4.352	5.331	6.252
731	MFG MGMT	95	12.137	20.568	11.474	19.674	10.011	7.295	5.000	1.895	4.358	5.474	6.326
732	WHSL/RET TRADE MGMT/MKTG	135	14.338	18.523	11.990	19.759	11.340	7.426	4.924	1.933	4.359	5.159	6.385
738	SUPERVISOR IN BUS	42	14.310	22.023	14.897	21.885	13.437	6.977	4.667	2.057	4.207	4.440	5.172
741	SLSCLERK	23	11.652	21.565	13.565	21.349	13.270	7.043	4.435	1.783	3.739	4.652	5.043
742	RTEMAN (MILK, LAUNDRY, ETC)	12	13.917	22.750	18.250	27.333	13.250	5.917	4.000	2.750	3.417	4.000	5.750
743	STOCKBROKER	23	10.304	15.870	8.870	19.739	9.174	7.522	5.130	2.057	4.087	6.217	6.174
745	REAL ESTATE SLSMAN	26	11.192	18.192	11.577	18.769	9.808	7.769	5.385	2.769	4.500	4.808	5.346
746	INSURANCE SLSMAN	61	12.738	18.426	11.426	18.426	11.574	7.590	5.148	2.410	4.262	5.016	5.623
747	AUTO SLSMAN	22	16.273	20.455	13.909	20.409	12.591	7.864	5.045	2.500	4.864	5.273	6.182
748	OTHER SLSMAN (NEC)	357	12.849	20.231	12.791	19.691	11.380	7.647	5.286	2.230	4.320	4.914	5.997
749	SALES MGR	73	13.795	18.192	12.068	18.425	12.411	6.384	5.544	2.095	4.466	5.288	6.151
751	BOOKKEEPER	10	18.000	16.000	11.100	16.200	12.900	7.500	5.000	2.100	3.600	3.000	5.400
755	MISC ACCT RECDG	27	15.926	21.074	14.519	19.259	13.370	6.519	4.444	1.667	3.630	4.222	5.370
758	COMPUTER OPERATOR	78	17.051	21.321	14.282	19.615	13.526	6.654	4.821	2.038	4.256	5.038	6.256
769	CLERK (MISC)	24	20.958	19.833	16.250	19.792	14.542	6.792	4.667	2.147	3.625	4.000	5.792
772	OFFICE MGR	28	15.857	17.821	13.036	17.750	15.429	6.607	4.029	1.750	4.000	4.286	6.214
789	OTHER "PUB CONT" OCCS	14	18.286	19.643	14.071	14.214	12.000	6.643	3.571	1.500	3.071	3.714	5.571
791	RADIO, TELEGR, TTY OP	14	15.857	21.857	14.000	19.929	12.929	6.929	3.071	1.643	3.929	3.643	4.429
797	MISC CLERICAL	112	15.875	20.991	14.438	20.054	13.500	6.643	4.437	1.973	3.598	4.375	5.652
798	MISC ADMINISTRATIVE	38	17.000	22.579	14.579	19.211	12.789	6.395	4.684	1.816	4.447	4.289	5.632
810	ELECTRICIAN	154	12.565	25.565	17.286	23.161	14.870	6.214	3.476	1.976	3.804	4.042	5.048
811	ELECTRONIC TECHNICIAN	212	12.132	24.779	13.934	19.901	12.458	6.179	4.085	1.925	3.575	4.565	5.113
812	APPLIANCE REPAIR	55	12.273	24.800	15.164	20.200	13.945	5.691	3.818	1.691	3.218	4.236	5.018
813	PHONE INSTALL & REPAIR	39	12.692	23.974	15.897	23.256	13.949	6.487	3.872	2.051	3.718	4.452	5.026
814	REPAIR & SERV COMP	32	11.938	24.250	13.844	19.875	13.750	6.031	4.031	1.688	3.406	4.094	3.906
820	MECHANIC (NEC)	116	11.457	25.578	17.638	24.629	15.526	5.853	3.491	1.836	3.534	4.138	4.853
821	AUTO MECHANIC	74	11.905	26.068	16.797	20.662	15.265	5.703	3.703	2.081	3.000	4.041	4.784
822	AIRPLANE MECHANIC	68	12.912	25.765	16.338	23.618	14.765	6.147	3.647	2.029	3.338	4.176	4.676
823	OFFICE MACH REPAIR	17	13.588	24.706	16.118	24.041	15.706	7.000	4.353	2.235	3.882	5.471	5.882
824	IND MACH REPAIR	21	12.190	25.952	16.571	20.752	14.000	6.381	3.905	1.905	4.143	4.952	4.762
828	MACHINIST	176	11.892	25.761	17.227	22.835	14.182	5.955	4.011	1.835	3.744	4.398	5.364
831	CABINET MAKER	13	15.692	26.692	19.538	24.154	17.692	5.692	4.308	1.615	3.308	4.692	4.846
832	CARPENTER	55	13.418	25.055	19.273	23.873	16.164	6.200	3.909	1.509	3.655	4.345	5.035
833	METAL TRADES	92	12.098	25.120	18.174	23.783	16.674	6.424	3.663	1.978	3.478	4.120	4.793
834	BRKLYR, MASON, PTR, RFR	62	12.113	24.242	18.097	24.306	15.016	6.049	3.774	2.113	3.790	4.091	4.306
835	PLUMBER, PIPEFTR	72	13.069	25.528	18.139	24.375	15.444	6.542	4.556	1.931	3.722	4.625	5.542
836	HEAVY EQUIP OP	47	13.723	24.745	17.489	24.872	16.064	7.191	4.234	2.617	4.468	4.723	5.292
837	MISC BLDG & CONST	71	12.676	24.239	17.296	24.366	15.394	6.365	4.070	2.085	3.732	4.324	5.070
838	MINING, QURYNG, DRLNG	16	10.313	26.250	17.563	29.438	17.188	7.250	4.500	2.125	3.688	4.750	4.188
841	PILOT	39	11.556	21.788	12.212	21.545	10.667	6.596	5.020	2.263	4.364	5.535	6.141
848	AIR TRAFFIC CONTROLLER	13	8.385	12.615	7.692	11.923	8.154	6.462	4.385	1.923	3.769	4.846	5.308
851	MERCHANT MARINE OCC	10	7.800	21.500	13.800	19.100	12.000	5.600	4.200	2.500	4.300	4.100	6.000
852	RAILROAD OCCS	10	18.000	21.300	19.600	23.600	16.900	7.200	6.100	2.600	5.100	5.600	7.400
853	AUTO, BUS, TRUCK DRVR	85	12.188	24.118	17.718	25.400	14.400	6.176	3.788	2.635	3.600	3.824	4.847
861	PRINTING TRADES	106	12.208	21.745	15.689	20.585	13.057	6.274	3.915	2.264	3.660	4.170	5.123
863	SURVEYOR	27	12.333	23.111	15.926	24.037	13.037	6.370	4.704	2.037	4.259	5.296	6.148
864	DRAFTSMAN	140	12.371	24.450	15.093	20.364	12.693	6.171	3.907	1.900	3.543	4.079	5.279
865	PHOTOGRAPHY	39	12.000	23.103	13.487	18.333	11.513	6.410	5.077	2.641	4.308	4.974	5.821
867	LANDSCAPE ARCHIT	13	10.462	21.923	16.077	25.077	12.692	5.923	5.231	1.538	4.692	5.462	6.462
868	CLTHNG & FASH TRADES	14	11.857	19.071	15.214	20.000	12.714	6.214	4.500	2.071	3.429	4.643	5.286
881	FOOD & BEVERAGE PREP	28	17.179	19.786	17.250	21.786	16.643	6.714	4.321	2.179	3.714	3.821	5.143
885	BUTCHER, MEAT CUTTER	23	13.217	22.870	17.087	23.696	15.926	6.479	4.087	1.870	3.217	4.793	4.957
891	MISC PERSONAL SERVICES	12	11.167	18.167	13.667	16.083	13.500	4.583	3.083	2.250	3.250	3.083	4.250
892	BARBER	41	13.293	20.829	16.146	20.341	14.927	6.341	3.463	1.683	3.610	3.195	4.268
893	HAIRDRESSER	15	16.200	15.667	12.200	15.800	10.667	6.733	4.933	2.400	3.067	3.800	5.333
899	GENERAL LABORER	277	13.477	23.986	17.372	22.729	16.087	6.596	4.083	1.939	3.682	4.254	5.105
	TOTAL	14123	12.839	20.435	13.016	20.265	11.761	6.707	4.674	2.015	4.042	4.917	5.685

TABLE 1.3 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INTEREST INVENTORY (CONTD.)					STUDENT ACTIVITIES INVENTORY					
			OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES	FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS
			P-713	P-714	P-715	P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606
559	MUSIC-RELATED (MISC)	15	11.199	10.147	5.717	7.129	5.489	3.889	2.696	1.821	2.722	2.274	3.314
575	THEATRE (OTHER)	23	9.550	8.467	5.195	9.723	5.454	3.261	2.275	2.745	2.214	2.660	3.128
578	RADIO/TV ANNOUNCER	17	11.527	10.160	6.528	7.323	5.267	2.801	2.229	1.869	2.372	2.386	3.002
579	MISC PERF ARTS	12	7.399	9.243	8.332	8.761	7.722	3.668	2.038	1.697	1.765	2.697	2.575
611	ATHLETE	10	6.928	5.907	4.158	6.268	3.178	2.321	2.300	1.549	2.132	2.625	2.547
612	PRO ATHLETICS (AUX)	15	9.946	8.122	6.300	8.472	5.829	3.132	2.210	1.598	1.890	3.086	3.150
621	RECREATION DIR	18	5.755	7.576	5.842	10.424	5.466	2.453	2.326	1.626	1.697	1.914	3.127
623	FRSTRY, HUNT, TRAP	19	6.402	6.711	6.768	7.190	5.561	2.998	2.156	1.493	1.895	2.735	2.567
631	FARM/RANCH OWNER	123	8.019	6.698	6.526	5.684	6.001	3.059	2.189	1.446	2.149	2.405	2.777
639	FARMING (OTHER)	244	8.029	7.137	6.683	6.830	6.259	2.800	2.160	1.482	2.117	2.550	2.813
640	MILITARY (RANK NOT IND)	[illegible]	7.143	9.113	6.754	8.474	5.979	2.930	2.235	1.894	1.928	2.160	2.601
641	MILITARY-ENLISTED	[illegible]	5.730	9.171	5.042	11.787	4.873	2.449	2.436	1.506	2.279	2.871	2.567
642	MILITARY-OFFICER	[illegible]	7.203	8.077	6.234	8.410	6.083	2.861	2.364	1.460	2.088	2.464	2.749
650	INTELLIGENCE-CIA, ETC.	21	8.366	7.853	5.999	7.766	5.500	3.386	2.015	1.601	2.376	2.379	3.120
661	POLICE (PUBLIC)	151	7.903	7.499	6.422	9.983	6.428	2.942	2.450	1.509	2.040	2.414	2.805
666	FIREMAN	41	6.800	7.797	5.550	8.319	5.362	2.641	2.225	1.553	2.086	2.270	2.898
669	OTHER PROTECTIVE	22	7.209	7.692	7.715	7.702	6.493	2.737	2.124	1.412	1.817	2.860	3.044
711A	BANKING & FINANCE, I	[illegible]	9.130	8.581	5.989	10.509	6.760	2.581	2.144	1.874	2.090	2.389	2.602
711B	BANKING & FINANCE, II	115	7.148	6.721	5.453	9.316	5.174	2.774	2.075	1.756	1.923	2.454	2.748
712	INVSTMNT, STOCK CONSULT	11	9.991	6.562	6.470	9.304	6.071	2.892	1.834	1.991	2.625	3.033	2.948
716	CPA	[illegible]	7.721	7.329	6.139	9.554	6.111	2.884	2.336	1.681	2.133	2.533	2.723
717	ACCTANT (EXC CPA)	[illegible]	8.763	7.689	6.251	9.051	5.696	2.715	2.536	1.490	2.041	2.519	2.871
721	PURCHASING AGENT	25	8.135	7.074	7.924	10.410	6.605	3.111	2.354	1.594	2.309	2.630	2.204
722	RETAIL BUYER	22	7.980	8.437	6.652	9.801	6.389	2.655	2.599	1.833	1.249	2.558	2.266
723	EFFICIENCY EXPERT	111	7.119	7.523	5.725	9.143	5.178	2.844	2.091	1.730	2.101	2.492	2.660
724	ADVERTISING	40	6.994	7.679	6.291	8.783	6.958	3.003	2.182	2.050	2.049	2.420	2.746
725	PUBLIC RELATIONS	21	7.515	7.443	6.163	9.112	6.519	2.583	2.374	2.003	2.063	2.619	3.066
726	PERSONNEL ADMIN	41	7.093	7.693	6.628	9.691	5.937	2.520	2.249	1.889	2.029	2.425	2.956
727	APPRAISING, ESTIMATING	36	8.147	8.301	7.302	10.120	7.712	2.727	2.133	1.874	1.918	2.384	2.683
728	LOAN/CREDIT INVESTIG	20	6.765	7.558	6.549	9.590	6.430	3.444	2.313	1.883	2.349	2.943	2.740
730	BUS MGMT ADM (NEC)	611	7.987	8.061	6.886	9.701	6.642	2.917	2.275	1.791	2.176	2.490	2.879
731	MFG MGMT	25	6.903	7.970	6.762	10.369	5.797	3.017	2.260	1.759	2.015	2.509	2.707
732	WHSL/RET TRADE MGMT/MKTG	125	8.572	7.361	6.275	9.595	6.325	2.991	2.176	1.637	2.221	2.499	2.830
738	SUPERVISOR IN BUS	47	7.971	7.585	6.054	10.538	6.201	2.812	2.250	1.497	2.035	2.424	2.575
741	SLSCLERK	22	6.853	8.005	6.014	9.183	6.771	2.688	1.927	1.278	2.200	2.690	2.738
742	RTEMAN (MILK, LAUNDRY, ETC)	12	8.969	7.921	8.368	9.089	6.137	3.147	1.809	2.598	1.505	2.132	2.701
743	STOCKBROKER	23	7.888	7.288	6.048	8.640	5.184	2.484	2.581	2.477	1.998	2.335	3.099
745	REAL ESTATE SLSMAN	26	6.456	8.173	6.288	8.548	5.622	2.944	2.654	1.728	2.005	2.940	2.880
746	INSURANCE SLSMAN	61	7.774	8.520	6.682	10.207	6.995	2.837	2.299	1.792	1.957	2.473	2.888
747	AUTO SLSMAN	22	7.573	9.898	9.335	9.927	8.760	2.783	2.299	1.596	1.807	2.585	2.905
748	OTHER SLSMAN (NEC)	250	7.265	7.758	6.812	9.471	6.591	2.760	2.067	1.721	2.114	2.478	2.606
749	SALES MGR	73	7.267	8.025	6.649	9.631	7.597	2.355	2.156	1.626	2.035	2.601	2.890
751	BOOKKEEPER	10	8.781	10.055	6.773	8.053	7.757	2.369	1.563	1.524	2.271	3.315	2.066
755	MISC ACCT RECDG	27	9.515	8.100	6.624	11.058	5.832	2.860	2.082	1.387	2.115	2.547	2.762
758	COMPUTER OPERATOR	73	7.811	7.627	6.373	9.139	6.223	2.967	2.056	1.533	2.116	2.621	2.473
769	CLERK (MISC)	26	9.411	7.722	6.955	9.637	6.345	2.797	2.099	1.761	2.203	2.554	2.245
772	OFFICE MGR	28	10.237	9.290	8.144	9.513	6.741	3.143	2.260	1.602	2.091	2.401	2.872
789	OTHER "PUB CONT" OCCS	14	7.290	9.668	7.966	9.065	5.102	2.790	1.742	1.698	2.093	2.164	1.453
791	RADIO, TELEGR, TTY OP	14	8.813	7.368	6.850	10.666	6.545	2.895	2.336	1.216	2.556	2.274	2.652
797	MISC CLERICAL	112	9.127	7.849	7.582	10.115	7.828	2.878	2.100	1.527	2.216	2.457	2.720
798	MISC ADMINISTRATIVE	32	7.211	6.663	5.386	7.652	5.132	3.484	2.338	1.642	2.076	2.680	2.330
810	ELECTRICIAN	103	7.594	7.341	6.607	9.633	6.336	2.924	2.105	1.645	2.137	2.361	2.694
811	ELECTRONIC TECHNICIAN	212	7.560	6.445	6.785	9.513	6.844	2.851	2.210	1.662	2.097	2.592	2.843
812	APPLIANCE REPAIR	55	8.354	7.207	6.582	10.040	6.490	2.841	1.916	1.332	2.192	2.333	2.600
813	PHONE INSTALL & REPAIR	30	6.929	6.175	6.870	9.689	7.688	2.664	2.080	1.654	2.151	2.371	2.915
814	REPAIR & SERV COMP	32	7.556	8.504	6.877	8.311	7.366	2.584	2.162	1.749	2.474	1.855	2.900
820	MECHANIC (NEC)	116	7.829	7.117	6.288	9.429	6.125	2.890	1.922	1.759	2.028	2.627	2.513
821	AUTO MECHANIC	74	8.102	6.704	6.485	10.684	6.365	2.703	2.207	1.637	1.937	2.491	2.440
822	AIRPLANE MECHANIC	58	9.037	6.745	7.229	8.769	6.568	2.793	2.064	1.779	1.952	2.192	2.799
823	OFFICE MACH REPAIR	17	7.063	7.776	7.140	10.158	6.854	2.264	1.693	2.107	2.288	1.772	2.926
824	IND MACH REPAIR	21	8.518	6.553	6.764	11.340	5.983	3.542	1.972	1.375	1.878	2.269	2.256
828	MACHINIST	176	7.739	6.620	6.190	10.328	6.147	2.651	2.127	1.486	2.109	2.466	2.604
831	CABINET MAKER	13	7.631	6.129	5.190	6.203	4.423	3.473	2.323	1.446	2.250	2.213	3.051
832	CARPENTER	55	8.532	5.675	5.411	10.269	6.070	2.745	2.255	1.303	2.279	2.466	3.115
833	METAL TRADES	92	7.377	6.958	7.060	9.467	7.093	2.868	2.045	1.590	2.024	2.324	2.502
834	BRKLYR, MASON, PTR, RFR	62	7.584	7.823	6.608	9.970	5.618	2.848	2.257	1.600	2.166	2.504	2.659
835	PLUMBER, PIPEFTR	72	7.774	6.463	6.535	8.923	6.132	2.722	2.175	1.523	1.878	2.486	2.788
836	HEAVY EQUIP OP	47	7.641	6.212	5.912	9.999	6.664	2.383	2.277	1.788	1.987	2.008	2.750
837	MISC BLDG & CONST	71	7.742	7.388	6.781	10.279	6.539	2.742	2.549	1.565	2.305	2.365	2.753
838	MINING, QURYNG, DRLNG	15	8.577	5.905	7.580	5.703	8.818	2.817	2.394	1.204	2.272	2.696	2.738
841	PILOT	[illegible]	6.609	7.313	6.075	9.703	6.523	2.945	2.208	1.601	2.192	2.508	3.087
848	AIR TRAFFIC CONTROLLER	13	7.709	6.789	5.588	9.041	4.981	2.847	2.142	1.382	2.587	2.410	3.401
851	MERCHANT MARINE OCC	10	6.088	11.088	7.829	8.825	5.354	2.716	1.989	2.224	2.263	1.969	3.127
852	RAILROAD OCCS	10	9.592	6.613	9.891	8.884	6.579	2.898	2.132	2.011	1.969	2.171	1.897
853	AUTO, BUS, TRUCK DRVR	45	9.133	7.398	6.708	9.921	6.733	2.479	2.381	2.046	2.037	2.232	2.639
861	PRINTING TRADES	106	8.010	7.459	6.695	10.475	6.090	2.817	2.107	1.742	2.009	2.384	2.738
863	SURVEYOR	27	7.810	7.485	5.757	8.698	6.340	2.290	2.035	1.629	2.030	2.091	2.299
864	DRAFTSMAN	142	7.638	6.212	6.340	9.587	6.192	2.756	2.291	1.561	2.096	2.282	2.782
865	PHOTOGRAPHY	30	7.605	9.519	7.934	9.669	7.037	3.226	2.388	1.857	1.989	2.288	2.919
867	LANDSCAPE ARCHIT	12	6.372	7.193	6.861	12.372	6.812	3.475	2.386	2.470	1.974	2.295	2.570
868	CLTHNG & FASH TRADES	14	7.080	7.927	5.659	10.598	5.075	3.355	2.710	1.639	2.065	2.274	3.292
881	FOOD & BEVERAGE PREP	28	9.794	7.894	7.555	9.146	6.499	2.904	2.465	1.786	2.070	2.358	2.534
885	BUTCHER, MEAT CUTTER	23	8.240	8.471	7.379	9.781	7.043	3.301	2.130	1.325	2.066	2.891	2.852
891	MISC PERSONAL SERVICES	12	6.617	7.987	7.190	11.041	9.357	2.275	1.929	1.960	1.288	2.314	2.563
892	BARBER	41	8.784	6.975	6.452	10.224	6.275	2.921	1.925	1.312	2.201	2.315	2.766
893	HAIRDRESSER	15	7.504	9.029	6.439	9.768	5.678	3.474	2.052	1.844	2.219	3.075	3.155
899	GENERAL LABORER	277	8.438	7.019	6.648	9.696	6.670	2.843	2.191	1.595	1.993	2.449	2.676
	TOTAL	14122	7.970	8.262	7.103	9.976	6.799	2.971	2.344	1.686	2.177	2.588	2.894

TABLE 1.3 (continued)

#	GROUP	N	MEANS										
			STUDENT ACTIVITIES INVENTORY (CONTD.)				STUDENT INFORMATION BLANK SCALES						
			CULTURE	LEADERSHIP	SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS
			R-607	R-608	R-609	R-610	D-802	F-803	D-820	F-822	F-823	D-827	D-828
000	NO ANSWER	1812	4.980	1.447	5.480	11.823	0.532	44.119	23.901	29.889	16.258	24.354	21.353
001	DON'T KNOW	903	4.442	1.222	5.157	11.080	0.446	41.412	22.254	27.475	14.926	22.995	19.979
101	EXECUTIVE (NEC)	43	5.488	1.558	6.186	12.698	0.744	51.558	26.140	33.116	17.372	25.279	23.438
102	FOREMAN (NEC)	49	4.388	1.592	6.061	12.592	0.245	35.898	24.388	26.510	14.878	21.408	18.959
111	WORK FOR GOVT (NEC)	52	5.212	1.731	5.173	12.923	0.538	44.962	25.250	27.000	17.000	24.635	21.250
112	IN BUS FOR SELF (NEC)	273	5.032	1.590	5.406	12.406	0.529	42.231	22.043	29.158	16.795	23.633	20.514
120	IND, BUS, COMM (NEC)	141	5.234	1.482	5.227	12.113	0.596	45.454	24.518	30.291	15.418	24.454	21.021
121	RETAIL (NEC)	33	4.545	1.000	5.697	11.485	0.303	37.879	25.970	24.182	16.485	22.212	20.758
122	TRANSPORTATION (NEC)	27	4.593	1.852	5.037	10.778	0.556	42.444	21.333	27.037	14.889	23.667	20.852
123	REAL ESTATE (NEC)	17	6.118	2.235	7.059	12.588	0.588	45.059	25.118	30.765	15.118	24.000	23.059
124	INSURANCE (NEC)	35	5.571	1.886	5.543	14.929	0.714	50.514	25.457	32.571	19.371	25.886	21.743
125	ELECTRONICS (NEC)	156	4.269	1.135	5.782	11.468	0.526	44.404	22.526	28.006	16.077	23.942	19.045
150	RESEARCH (NEC)	9	5.000	1.333	4.778	13.778	0.889	53.222	32.667	30.111	19.222	27.333	23.111
211	MATH, STAT	46	4.891	1.304	5.326	14.217	0.370	62.935	32.413	29.783	17.435	28.435	25.065
212	OTHER STATISTICS	14	4.143	1.143	5.571	11.929	0.929	68.071	36.429	25.643	16.429	28.000	26.214
221	SYSTEMS ANALYST	42	4.190	1.262	6.024	11.857	0.929	61.929	30.048	35.024	17.286	26.476	23.000
222	COMPUTER PROGRAMMER	121	4.884	1.380	5.669	11.967	0.736	52.058	25.719	31.149	17.074	25.289	21.099
229	COMPUTER SPEC (NEC)	20	5.150	1.500	6.600	13.300	0.850	54.600	28.300	30.550	18.250	27.900	24.100
230	PHYSICAL SCI (NEC)	18	4.833	2.389	5.167	14.278	0.889	65.278	32.444	31.944	17.167	29.056	23.611
231	CHEMIST	81	5.037	1.481	5.741	14.210	0.926	59.284	31.926	35.235	19.185	28.457	22.802
232	PHYSICIST	64	5.844	1.828	6.344	15.734	0.938	61.984	32.328	31.734	18.344	29.563	24.766
234	GEOLOGIST	17	5.176	1.471	5.353	13.824	0.824	56.882	25.235	34.294	20.235	29.059	21.412
235	METEOROLOGIST	10	4.900	1.700	5.000	11.800	0.300	63.300	30.400	30.100	14.400	27.100	21.300
240	ENGINEER (NEC)	157	4.820	1.749	5.617	14.347	0.904	57.120	32.102	33.473	19.162	27.629	22.749
241	CIVIL ENGINEER	105	4.705	1.381	5.810	13.086	0.357	59.457	29.038	32.000	17.849	26.610	21.752
242	ELECTRICAL ENGINEER	243	4.872	1.527	5.959	13.971	0.926	59.251	30.053	31.971	17.008	27.704	22.276
243	MECH ENGINEER	143	4.664	1.406	5.685	14.266	0.392	58.517	29.449	31.695	18.154	27.392	22.168
244	AERONAUTICAL ENG	37	5.270	1.622	5.595	15.216	0.865	57.595	28.054	33.216	17.405	27.378	22.838
245	CHEM ENGINEER	58	4.810	1.828	6.431	15.345	0.966	66.138	36.207	32.466	18.845	28.759	24.379
250	ARCHITECT	58	5.431	1.724	6.190	12.276	0.897	66.552	27.138	34.155	18.259	26.379	21.172
299	PHYS SCI, LAB TECH	78	4.551	1.269	5.526	11.910	0.462	46.051	23.859	26.872	16.244	23.141	19.115
310	BIOLOGIST, ZOOLOGIST	32	5.188	1.188	5.563	12.313	0.813	57.750	27.500	33.188	16.313	27.188	24.781
313	SPEC IN AGRIC SCI	35	4.657	1.514	5.457	13.314	0.571	40.971	26.943	29.314	15.629	26.714	19.143
314	WLDLF/FOREST SPEC	49	4.878	1.367	4.286	11.755	0.776	50.020	26.327	31.265	16.122	25.714	22.000
316	MICROBIOLOGIST	15	6.000	2.133	6.200	14.467	0.933	59.400	26.267	39.067	17.800	27.467	25.067
317	BIOCHEMIST	9	5.000	2.667	5.444	12.889	1.000	64.667	35.333	43.222	20.333	27.333	21.556
322	MD-SURGEON	14	6.571	2.571	6.786	17.429	1.000	63.357	35.071	31.500	17.786	31.357	28.286
329	MD-OTHER	229	6.162	2.354	6.402	15.450	0.948	63.830	34.559	32.231	18.777	30.044	26.227
332	DENTIST	97	5.691	2.155	6.670	14.969	0.907	59.897	30.515	34.082	18.206	28.526	26.165
333	VETERINARIAN	20	4.900	2.150	6.950	13.600	0.900	53.450	32.050	32.900	18.550	27.650	23.150
343	PHYS THERAPIST	11	6.000	1.364	6.091	11.000	0.909	48.091	25.545	39.455	15.545	27.091	21.455
347	MED/DENT TECHNOL	16	5.250	1.625	4.813	10.813	0.625	45.063	23.500	31.188	15.250	22.063	22.188
348	MED/DENT TECHNICIAN	27	4.481	1.259	6.630	11.815	0.481	44.630	24.741	28.778	14.407	23.407	20.370
350	HOSPITAL ADMIN	11	5.818	2.636	6.818	14.909	0.909	50.455	28.273	34.455	21.909	27.000	27.273
335	PHARMACIST	91	4.945	1.626	5.692	13.824	0.868	58.582	28.264	30.473	19.297	22.044	25.714
360	PSYCHOLOGIST	106	5.642	1.547	5.962	13.575	0.925	59.792	29.491	32.915	19.123	27.491	28.000
370	SOCIAL WORKER	60	5.333	1.883	5.517	11.800	0.733	50.717	25.583	31.817	17.450	26.200	25.083
371	PSYCHIATRIC SOC WRKR	9	5.222	1.333	5.222	11.889	0.889	51.111	26.222	35.667	21.333	26.667	27.333
372	COUNSELING/GUIDANCE	12	5.417	2.833	6.833	12.417	0.583	53.083	21.500	43.167	19.250	26.583	23.167
373	VOC/ED GUIDANCE	23	6.043	1.739	6.522	14.261	0.826	51.522	28.652	38.913	17.087	25.174	22.696
382	ECONOMIST	23	5.565	1.478	5.565	12.348	0.870	59.522	31.348	33.652	18.652	27.478	27.000
389	SOCIAL SCI (MISC)	21	5.571	1.952	5.667	13.952	0.857	53.952	28.429	42.571	17.238	28.381	25.429
392	DIPLOMAT	22	5.545	2.000	6.455	12.591	0.909	57.273	30.273	34.636	19.182	26.545	27.500
393	LAWYER	393	6.061	2.397	6.531	14.071	0.903	58.562	29.898	34.936	19.686	27.221	27.356
394	MARKET ANALYST	10	6.800	2.800	7.000	16.300	0.300	62.300	30.200	33.600	19.100	26.500	26.300
398	CITY PLANNER (NEC)	12	6.250	2.000	6.667	14.667	1.000	60.333	29.583	29.167	15.917	25.583	27.917
400	TEACHER (NEC)	423	5.407	1.955	5.835	12.922	0.742	51.170	27.468	34.563	18.182	26.452	23.449
412	TEACHER-ELEM	45	4.867	1.156	5.356	12.044	0.667	48.578	24.289	31.933	16.978	25.311	23.200
420	TEACHER-HS (NEC)	69	5.696	1.609	5.652	12.580	0.812	51.217	27.058	34.594	19.246	26.217	23.696
421	TEACHER-HS MATH	62	5.000	1.758	6.097	13.710	0.903	55.097	28.823	34.968	19.226	27.145	22.984
422	TEACHER-HS SCI	50	5.280	1.360	5.760	13.240	0.880	57.020	25.980	31.940	18.040	27.640	24.760
423	TEACHER-HS SOC ST	94	5.468	1.723	5.415	13.351	0.777	49.479	29.277	32.000	18.011	26.681	24.500
424	TEACHER-ENGLISH	45	5.111	1.911	6.022	13.267	0.844	56.978	27.600	31.289	16.978	27.600	29.356
425	TEACHER-FOREIGN LANG	10	6.300	1.800	4.900	13.300	0.700	59.100	30.500	35.000	18.900	28.300	26.700
426	TEACHER-COMM ED	16	5.625	1.625	5.500	12.938	0.563	42.063	24.375	27.875	17.750	28.313	25.000
428	TEACHER-TRADES	45	5.244	1.644	5.533	15.222	0.556	40.267	26.533	28.578	16.867	25.533	18.311
429	TEACHER-PHYS ED	57	4.719	2.158	5.070	13.175	0.737	40.105	23.509	38.649	17.649	22.877	19.404
431	TEACHER-ART	15	6.467	1.600	6.067	12.333	0.733	48.200	24.400	37.400	16.667	23.867	19.933
432	TEACHER-MUSIC	38	6.658	1.447	5.711	12.868	0.684	48.289	26.342	35.026	15.895	26.211	24.500
440	TEACHER-HANDICAPPED	18	5.778	1.778	5.889	12.833	0.833	53.222	23.944	42.167	17.056	25.000	21.000
450	SCHOOL ADMIN (EXC COLL)	43	6.186	2.256	5.977	14.209	0.907	52.837	28.953	40.442	20.023	28.070	25.047
460	COLL/UNIV TCHR (NEC)	179	6.207	2.129	6.497	14.737	0.866	55.978	32.039	36.095	19.335	28.173	27.514
461	COLL/UNIV TCHR-MATH	28	5.536	1.429	4.786	13.536	0.964	64.964	40.536	31.071	17.857	29.571	25.000
462	COLL/UNIV TCHR-SCI	68	5.926	1.662	5.765	15.103	0.868	58.912	34.485	34.765	19.941	30.044	25.088
463	COLL/UNIV TCHR-SOC SCI	85	6.306	2.224	6.000	14.165	0.882	57.576	31.424	34.635	19.012	28.882	29.494
464	COLL/UNIV TCHR-ENGLISH	57	6.789	2.123	6.158	13.632	0.947	61.614	34.246	34.684	17.754	28.561	31.175
465	COLL/UNIV TCHR-FOR LANG	15	6.067	2.533	6.200	15.200	0.933	58.733	39.333	36.000	19.467	31.067	33.800
521	CLERGYMAN	175	6.028	1.920	6.489	14.273	0.761	52.597	30.034	33.341	17.309	29.705	26.676
522	MONK, BROTHER, NUN	16	6.563	1.688	5.188	15.125	0.625	58.750	29.813	32.625	14.875	29.125	25.938
523	RELIG WRKR (OTHER)	14	5.286	1.643	5.286	12.071	0.571	49.214	28.000	34.000	19.571	25.214	21.143
531	WRITER (NEC)	24	5.750	1.542	6.083	12.583	0.625	48.375	22.000	30.333	15.458	23.042	28.417
534	JRNLIST/REPRTER	43	5.535	1.814	6.209	13.395	0.837	53.196	28.674	33.047	18.558	25.721	31.930
539	TRNSLTR, INTRPRTR, LINGST	9	6.333	2.111	7.444	13.444	0.889	59.556	29.000	40.111	16.889	26.111	29.222
541	FINE ARTS	16	6.500	1.875	6.375	13.813	0.813	47.375	20.188	33.063	20.375	24.813	25.250
545	COMM ARTIST	48	5.438	1.083	5.125	11.563	0.583	41.792	22.958	29.854	17.958	23.875	20.813
547	DESIGNER (CONS GDS)	28	5.250	1.143	5.357	12.214	0.536	44.429	24.929	28.536	16.536	24.679	20.786
551	MUSICIAN	24	6.250	1.500	6.292	11.417	0.625	47.333	25.292	30.167	15.167	23.292	24.208

TABLE 1.3 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			STUDENT ACTIVITIES INVENTORY (CONTD.)				STUDENT INFORMATION BLANK SCALES						
			CULTURE	LEADERSHIP	SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS
			R-607	R-608	R-609	R-610	D-802	F-803	P-820	F-822	F-823	P-827	P-828
000	NO ANSWER	1812	2.431	1.441	2.547	5.464	0.499	17.406	9.536	18.072	6.655	5.829	9.072
001	DON'T KNOW	803	2.251	1.332	2.435	5.322	0.497	17.270	8.815	18.127	6.903	5.585	8.974
101	EXECUTIVE (NEC)	43	2.394	1.637	2.291	5.199	0.441	13.675	10.471	19.049	6.986	6.445	9.755
102	FOREMAN (NEC)	42	2.344	1.383	2.917	5.078	0.434	13.625	9.009	15.759	7.607	6.567	8.271
111	WORK FOR GOVT (NEC)	52	2.269	1.573	2.185	4.818	0.503	17.337	11.244	16.758	5.306	5.911	9.532
112	IN BUS FOR SELF (NEC)	279	2.463	1.463	2.545	5.650	0.500	16.045	8.079	18.199	6.693	5.400	9.015
120	IND, BUS, COMM (NEC)	141	2.216	1.481	2.494	5.445	0.492	15.071	9.825	17.159	6.097	5.772	8.160
121	RETAIL (NEC)	33	2.017	1.346	2.628	4.597	0.467	13.697	9.174	17.145	7.032	5.510	8.689
122	TRANSPORTATION (NEC)	27	1.670	1.460	2.488	4.627	0.506	15.812	9.068	19.270	6.829	6.189	7.441
123	REAL ESTATE (NEC)	17	2.261	1.640	2.358	5.257	0.507	16.600	8.950	24.422	6.726	6.265	8.392
124	INSURANCE (NEC)	35	2.200	1.623	2.894	5.618	0.458	15.096	8.833	16.216	4.366	4.825	10.396
125	ELECTRONICS (NEC)	156	2.174	1.286	2.329	5.223	0.501	16.193	9.180	16.991	6.587	5.380	7.792
150	RESEARCH (NEC)	9	3.162	1.414	2.682	6.591	0.333	13.980	12.903	19.764	6.888	6.042	5.326
211	MATH, STAT	67	2.406	1.518	2.459	5.819	0.341	11.712	8.813	15.188	5.423	5.286	8.652
212	OTHER STATISTICS	14	2.983	1.460	1.828	7.976	0.267	8.651	7.653	16.681	7.552	5.435	5.951
221	SYSTEMS ANALYST	42	2.761	1.289	2.664	6.027	0.261	12.202	9.505	17.114	5.567	6.157	7.762
222	COMPUTER PROGRAMMER	121	2.544	1.456	2.567	5.293	0.443	16.430	8.497	17.688	6.268	5.042	8.982
229	COMPUTER SPEC (NEC)	20	2.390	1.638	2.891	4.014	0.366	13.751	8.060	14.380	6.180	4.254	7.847
230	PHYSICAL SCI (NEC)	19	3.130	1.819	3.034	7.544	0.323	15.552	8.542	20.001	5.813	5.631	8.912
231	CHEMIST	91	2.595	1.388	2.910	5.955	0.264	13.215	10.645	19.560	5.771	5.756	7.806
232	PHYSICIST	64	2.824	1.589	2.750	5.521	0.244	11.654	9.043	18.669	6.629	5.779	7.294
234	GEOLOGIST	17	2.215	1.625	2.949	5.897	0.393	13.100	6.842	15.202	5.663	4.548	8.797
235	METEOROLOGIST	10	2.644	1.252	2.000	6.941	0.422	14.174	4.742	18.424	8.262	6.208	8.895
240	ENGINEER (NEC)	147	2.393	1.601	2.821	5.265	0.295	12.737	9.612	17.188	5.304	5.392	8.425
241	CIVIL ENGINEER	105	2.361	1.296	2.378	5.239	0.342	12.529	9.118	15.093	5.904	5.560	8.503
242	ELECTRICAL ENGINEER	243	2.418	1.503	2.706	5.624	0.262	12.147	9.935	17.088	5.936	5.415	8.521
243	MECH ENGINEER	142	2.394	1.498	2.398	5.342	0.316	11.729	9.049	17.286	5.429	4.857	7.973
244	AERONAUTICAL ENG	37	2.825	1.299	2.682	5.468	0.347	16.702	8.303	17.616	6.251	5.785	8.814
245	CHEM ENGINEER	52	2.509	1.656	2.663	5.073	0.184	9.934	10.021	15.632	6.124	4.882	6.933
250	ARCHITECT	55	2.193	1.461	2.446	4.880	0.307	11.981	8.019	17.759	4.905	4.716	7.556
299	PHYS SCI, LAB TECH	73	2.311	1.213	2.405	5.148	0.502	15.976	7.754	15.973	6.764	5.184	8.628
310	BIOLOGIST, ZOOLOGIST	32	2.546	1.355	3.121	5.497	0.397	11.854	10.106	20.405	7.403	5.693	9.800
313	SPEC IN AGRIC SCI	35	2.555	1.358	2.582	5.321	0.502	13.714	8.997	17.232	5.887	5.199	8.392
314	WLDLF/FOREST SPEC	49	2.489	1.357	2.160	5.426	0.422	14.637	7.122	18.618	4.931	5.062	7.649
316	MICROBIOLOGIST	15	2.390	1.642	2.757	5.317	0.258	11.018	4.559	15.908	6.805	6.914	7.805
317	BIOCHEMIST	9	2.121	1.581	1.810	7.026	0.0	14.387	9.110	14.998	2.739	7.665	9.812
322	MD-SURGEON	14	2.766	1.785	3.093	5.360	0.0	12.239	10.447	14.909	5.366	4.290	8.166
329	MD-OTHER	229	2.507	1.641	2.686	5.826	0.223	10.639	9.416	16.732	5.689	4.914	8.016
332	DENTIST	37	2.356	1.583	2.695	5.430	0.292	11.666	9.451	17.666	4.935	4.975	6.823
333	VETERINARIAN	20	2.864	2.084	2.164	6.855	0.309	10.039	11.888	19.388	5.094	5.019	7.883
343	PHYS THERAPIST	11	2.530	0.924	2.386	6.099	0.302	12.857	8.323	25.614	6.669	3.590	8.630
347	MED/DENT TECHNOL	16	2.113	1.544	2.287	5.010	0.500	14.130	7.572	19.534	6.224	5.949	8.118
348	MED/DENT TECHNICIAN	27	2.440	1.375	2.041	5.791	0.509	15.333	7.684	14.895	7.191	5.780	8.101
350	HOSPITAL ADMIN	11	2.401	1.912	2.040	3.859	0.302	18.008	7.363	21.519	4.482	5.138	4.338
335	PHARMACIST	31	2.518	1.473	2.674	5.549	0.340	11.225	8.880	15.047	5.019	4.529	7.658
360	PSYCHOLOGIST	126	2.473	1.461	2.746	5.865	0.265	13.653	9.604	16.448	4.954	5.646	7.329
370	SOCIAL WORKER	40	2.097	1.474	2.740	5.578	0.446	15.441	8.853	17.880	6.049	4.978	8.120
371	PSYCHIATRIC SOC WRKR	9	1.563	1.118	3.270	5.110	0.333	10.529	9.094	17.407	5.523	5.809	6.557
372	COUNSELING/GUIDANCE	12	2.539	1.586	2.406	6.986	0.515	14.042	7.926	18.190	3.817	6.640	9.741
373	VOC/ED GUIDANCE	23	2.184	1.544	2.233	3.720	0.388	16.068	9.533	20.052	5.999	4.539	7.888
382	ECONOMIST	23	2.483	1.563	2.889	5.482	0.344	15.874	9.609	16.425	5.365	4.679	7.305
389	SOCIAL SCI (MISC)	21	1.777	1.627	2.938	4.272	0.359	14.337	10.028	17.651	6.862	4.433	6.794
392	DIPLOMAT	22	2.577	1.447	2.632	6.162	0.294	14.958	11.444	16.586	5.671	6.885	7.769
393	LAWYER	303	2.520	1.748	2.790	5.724	0.296	13.016	9.205	18.446	5.417	5.723	7.799
394	MARKET ANALYST	10	2.201	1.549	2.828	4.923	0.316	12.437	7.021	20.392	4.581	5.318	9.673
398	CITY PLANNER (NEC)	12	2.701	2.000	3.055	5.015	0.0	11.976	9.462	17.309	4.981	5.775	8.051
400	TEACHER (NEC)	423	2.321	1.571	2.484	5.466	0.438	14.127	9.143	18.173	5.836	5.599	8.916
412	TEACHER-ELEM	45	2.242	1.381	2.542	4.374	0.477	16.360	9.184	17.407	6.676	4.728	8.946.
420	TEACHER-HS (NEC)	69	2.277	1.477	2.381	5.126	0.394	12.936	8.461	19.375	5.984	4.958	8.172
421	TEACHER-HS MATH	62	2.483	1.445	2.635	5.215	0.298	12.955	8.155	16.997	5.795	4.718	7.791
422	TEACHER-HS SCI	50	1.990	1.139	2.646	5.012	0.328	11.462	7.686	16.400	5.718	5.310	7.561
423	TEACHER-HS SOC ST	94	2.663	1.432	2.621	5.117	0.419	14.377	8.481	18.792	5.581	5.926	8.746
424	TEACHER-ENGLISH	45	2.461	1.579	2.692	5.975	0.367	14.643	9.379	18.548	6.552	4.910	7.129
425	TEACHER-FOREIGN LANG	10	2.983	1.549	2.923	6.038	0.483	13.017	10.277	17.023	6.471	4.523	7.543
426	TEACHER-COMM ED	16	2.391	1.586	3.183	5.674	0.512	16.114	8.032	16.729	5.348	5.016	9.172
428	TEACHER-TRADES	45	2.560	1.540	2.399	4.577	0.503	13.161	8.033	15.103	5.007	5.281	8.743
429	TEACHER-PHYS ED	57	2.258	1.656	2.499	5.064	0.444	15.751	8.246	18.349	6.300	5.895	8.396
431	TEACHER-ART	15	2.356	1.298	2.840	5.924	0.458	9.135	7.971	17.459	7.326	4.734	5.946
432	TEACHER-MUSIC	39	2.197	1.483	2.650	5.287	0.471	13.572	9.804	15.684	7.296	6.046	8.304
440	TEACHER-HANDICAPPED	19	2.533	1.592	2.867	4.475	0.383	14.667	9.032	20.563	7.033	6.145	8.029
450	SCHOOL ADMIN (EXC COLL)	43	1.955	1.677	2.166	4.724	0.294	13.815	8.398	20.030	6.991	4.517	7.770
460	COLL/UNIV TCHR (NEC)	170	2.565	1.673	2.779	5.944	0.342	13.815	9.737	18.144	5.992	5.105	8.513
461	COLL/UNIV TCHR-MATH	28	2.887	1.451	3.201	6.443	0.189	11.682	8.194	18.934	5.609	6.088	8.051
462	COLL/UNIV TCHR-SCI	68	2.622	1.512	2.621	4.795	0.341	13.405	9.843	17.431	5.790	4.286	8.738
463	COLL/UNIV TCHR-SOC SCI	95	2.829	1.686	2.790	5.244	0.324	11.306	9.690	18.708	5.714	4.929	7.668
464	COLL/UNIV TCHR-ENGLISH	57	2.373	1.593	2.638	5.981	0.225	14.246	9.016	18.418	6.154	4.743	6.764
465	COLL/UNIV TCHR-FOR LANG	15	2.520	1.642	2.731	5.833	0.258	11.859	8.591	22.558	4.612	4.935	6.625
521	CLERGYMAN	176	2.515	1.658	2.808	5.619	0.427	12.995	9.982	18.768	6.938	4.912	8.043
522	MONK, BROTHER, NUN	16	2.607	1.778	2.228	6.054	0.500	17.168	9.988	23.491	6.791	3.862	8.450
523	RELIG WRKR (OTHER)	14	2.128	1.151	2.054	5.298	0.514	13.935	11.961	17.815	7.111	4.949	7.231
531	WRITER (NEC)	24	2.489	1.587	2.320	5.158	0.495	15.211	8.983	21.064	5.039	7.578	7.846
534	JRNLIST/REPRTER	43	2.939	1.516	2.406	6.295	0.374	16.595	9.746	20.232	5.590	5.248	6.895
539	TRNSLTR, INTRPRTR, LINGST	9	2.000	2.028	3.206	6.483	0.333	7.401	7.176	17.288	6.900	7.097	8.829
541	FINE ARTS	16	2.633	1.500	2.306	6.134	0.403	16.488	8.002	15.044	4.515	5.564	4.906
545	COMM ARTIST	48	2.396	1.334	2.557	5.675	0.498	13.538	8.545	16.645	5.496	5.760	9.648
547	DESIGNER (CONS GDS)	28	2.205	1.079	2.934	5.343	0.508	15.184	9.076	13.842	6.046	6.000	8.770
551	MUSICIAN	24	2.069	1.351	1.989	4.907	0.495	17.168	7.310	14.980	4.498	4.750	9.551

TABLE 1.3 (continued)

			MEANS										
			STUDENT ACTIVITIES INVENTORY (CONTD.)				STUDENT INFORMATION BLANK SCALES						
#	GROUP	N	CULTURE	LEADERSHIP	SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS
			R-507	R-508	R-509	R-510	D-802	F-803	R-821	F-822	F-823	R-827	R-828
559	MUSIC-RELATED (MISC)	15	6.467	1.733	5.067	12.200	0.800	51.857	25.200	32.533	19.333	24.267	26.600
575	THEATRE (OTHER)	23	5.174	1.913	7.349	13.478	0.783	51.652	23.913	31.783	16.304	26.391	25.696
578	RADIO/TV ANNOUNCER	17	5.765	1.529	6.118	12.588	0.824	49.706	23.588	33.176	17.000	25.000	25.765
579	MISC PERF ARTS	12	4.583	0.750	5.333	10.000	0.417	33.833	19.833	36.417	18.250	25.167	22.167
611	ATHLETE	10	4.200	1.800	6.100	12.500	0.800	47.000	27.300	34.000	15.800	24.800	23.300
612	PRO ATHLETICS (AUX)	15	5.067	1.733	5.533	10.733	0.600	41.933	25.267	31.200	15.000	24.467	21.800
621	RECREATION DIR	18	5.722	1.778	5.333	12.944	0.722	43.500	22.000	35.111	18.722	25.333	20.556
623	FRSTRY, HUNT, TRAP	19	4.842	1.153	5.474	10.316	0.316	32.632	17.947	32.211	16.158	23.421	20.105
631	FARM/RANCH OWNER	128	4.453	1.242	4.836	12.605	0.188	31.750	23.156	21.828	14.680	23.344	17.438
639	FARMING (OTHER)	244	4.406	1.373	4.898	12.201	0.193	31.246	22.537	23.455	14.750	23.208	18.230
640	MILITARY (RANK NOT IND)	54	4.593	1.111	5.815	10.463	0.463	43.426	21.000	31.593	14.333	23.407	18.407
641	MILITARY-ENLISTED	13	5.154	1.385	5.846	9.769	0.308	41.231	19.308	31.385	17.308	22.692	15.538
642	MILITARY-OFFICER	102	5.431	2.157	6.328	14.120	0.843	56.306	28.148	33.546	15.333	27.593	23.502
650	INTELLIGENCE-CIA, ETC.	21	4.905	2.048	6.619	13.429	0.952	52.190	27.238	40.667	18.714	25.000	22.000
661	POLICE (PUBLIC)	151	4.769	1.450	5.675	11.834	0.430	41.318	23.232	22.503	15.974	23.000	21.324
666	FIREMAN	41	3.878	0.951	4.976	9.122	0.244	37.049	19.219	24.659	15.683	19.024	16.073
669	OTHER PROTECTIVE	22	4.955	1.409	5.000	12.318	0.318	36.091	23.045	27.727	16.636	22.955	20.955
711A	BANKING & FINANCE, I	63	4.984	1.270	5.190	11.619	0.381	39.683	22.540	27.063	16.778	22.619	19.571
711B	BANKING & FINANCE, II	116	4.862	1.776	5.810	12.284	0.724	53.172	25.353	34.233	17.517	26.379	22.828
712	INVSTMNT, STOCK CONSULT	11	5.727	2.000	7.000	13.000	0.818	53.727	24.364	27.000	15.455	25.364	24.000
716	CPA	[illegible]	4.896	1.482	5.729	12.606	0.700	50.306	26.432	31.286	17.457	25.006	21.657
717	ACCTANT (EXC CPA)	[illegible]	4.520	1.193	5.406	11.737	0.545	45.990	24.272	29.530	16.644	24.307	20.881
721	PURCHASING AGENT	25	5.080	1.880	5.240	11.880	0.640	45.360	21.080	33.440	[illegible]	[illegible]	21.960
722	RETAIL BUYER	22	5.955	2.045	5.864	13.773	0.545	43.409	20.636	29.955	17.409	24.364	22.045
723	EFFICIENCY EXPERT	111	4.928	1.802	6.027	12.730	0.784	53.450	26.505	25.775	19.279	26.505	22.135
724	ADVERTISING	40	5.775	1.600	5.125	12.450	0.750	50.425	25.275	34.650	18.325	26.125	23.825
725	PUBLIC RELATIONS	31	6.323	2.194	6.194	12.968	0.677	49.613	24.581	35.161	18.387	25.000	23.194
726	PERSONNEL ADMIN	81	5.185	1.877	6.086	12.099	0.852	53.383	24.901	34.827	17.432	25.346	23.395
727	APPRAISING, ESTIMATING	36	4.917	1.583	6.111	13.000	0.611	49.083	25.167	34.056	17.028	25.528	18.722
728	LOAN/CREDIT INVESTIG	29	5.172	1.966	5.276	10.655	0.690	46.103	24.379	31.483	18.931	[illegible]	21.793
730	BUS MGMT ADM (NEC)	511	5.170	1.914	6.125	13.269	0.746	50.951	25.916	32.299	17.306	25.507	22.108
731	MFG MGMT	95	5.359	2.032	6.921	13.095	0.842	54.684	26.758	33.600	19.537	26.600	22.421
732	WHSL/RET TRADE MGMT/MKTG	195	5.236	1.723	5.918	12.872	0.687	47.936	23.615	33.610	17.954	25.456	22.138
738	SUPERVISOR IN BUS	87	4.598	1.264	5.449	12.207	0.345	39.517	22.368	32.299	[illegible]	[illegible]	18.897
741	SLSCLERK	23	4.261	0.652	5.000	10.652	0.217	35.957	20.000	26.478	[illegible]	[illegible]	15.304
742	RTEMAN (MILK, LAUNDRY, ETC)	12	4.000	0.750	4.750	9.750	0.0	25.583	22.500	15.833	13.250	21.000	13.417
743	STOCKBROKER	23	5.565	2.174	5.435	13.478	0.739	53.130	26.826	37.217	17.087	25.783	24.522
745	REAL ESTATE SLSMAN	26	5.500	2.000	6.000	12.346	0.731	52.346	25.808	33.269	16.423	23.538	21.923
746	INSURANCE SLSMAN	61	4.967	1.754	5.705	12.820	0.590	47.049	24.557	34.295	19.672	24.459	21.738
747	AUTO SLSMAN	22	5.364	1.864	5.682	12.136	0.591	43.864	23.409	35.000	15.591	23.500	21.182
748	OTHER SLSMAN (NEC)	350	5.126	1.657	5.650	12.560	0.543	44.090	22.863	22.991	17.563	[illegible]	21.114
749	SALES MGR	73	5.192	2.178	6.233	13.000	0.712	50.808	24.110	35.671	18.192	25.137	24.740
751	BOOKKEEPER	10	4.800	0.800	5.000	11.100	0.200	35.100	22.000	28.100	14.400	[illegible]	17.200
755	MISC ACCT RECDG	27	5.148	1.185	4.779	10.778	0.296	35.185	20.778	23.667	14.963	23.444	21.741
758	COMPUTER OPERATOR	78	5.077	1.449	5.907	12.221	0.526	44.090	23.756	30.269	16.026	25.077	20.141
769	CLERK (MISC)	24	4.833	1.417	4.208	12.000	0.208	31.667	23.750	26.042	13.208	22.708	19.500
772	OFFICE MGR	28	5.107	1.250	4.857	11.321	0.464	42.071	22.321	27.286	13.500	24.179	21.036
789	OTHER "PUB CONT" OCCS	14	4.071	0.786	5.429	9.429	0.500	40.643	20.643	37.071	12.071	24.357	19.214
791	RADIO, TELEGR, TTY OP	14	4.143	0.714	4.214	8.500	0.214	36.071	20.857	21.929	12.571	23.357	15.143
797	MISC CLERICAL	112	4.804	1.134	5.027	11.107	0.393	38.334	22.116	29.098	15.947	24.447	22.263
798	MISC ADMINISTRATIVE	38	4.842	1.500	5.553	12.105	0.474	42.026	25.342	29.421	[illegible]	22.842	17.423
810	ELECTRICIAN	159	4.202	1.157	5.101	11.911	0.220	35.635	21.744	25.506	15.392	23.789	17.712
811	ELECTRONIC TECHNICIAN	212	4.222	1.123	5.349	11.429	0.514	44.953	22.991	29.608	16.118	23.208	17.027
812	APPLIANCE REPAIR	55	4.364	1.109	5.309	10.855	0.291	35.945	22.836	21.673	15.382	22.200	17.927
813	PHONE INSTALL & REPAIR	39	4.103	1.231	5.026	10.538	0.333	36.333	20.769	24.308	15.718	21.564	17.615
814	REPAIR & SERV COMP	32	4.656	0.688	5.406	10.750	0.531	47.094	22.781	30.813	16.313	24.000	20.219
820	MECHANIC (NEC)	116	3.957	0.991	5.155	11.129	0.164	30.655	20.397	22.793	13.552	20.836	16.600
821	AUTO MECHANIC	74	4.081	1.054	4.730	11.203	0.149	32.878	20.784	25.095	14.419	19.797	17.203
822	AIRPLANE MECHANIC	68	3.912	0.735	4.676	10.529	0.206	31.765	20.912	24.162	15.088	21.441	17.353
823	OFFICE MACH REPAIR	17	4.471	1.176	6.000	12.588	0.353	49.471	20.529	21.588	15.647	23.941	22.706
824	IND MACH REPAIR	21	3.190	1.238	5.286	10.952	0.238	33.667	21.333	24.905	12.667	21.571	16.095
828	MACHINIST	174	4.257	0.949	5.029	11.338	0.233	33.756	21.689	25.403	14.830	22.977	17.739
831	CABINET MAKER	13	4.077	0.846	5.154	12.385	0.231	31.538	19.231	23.769	15.692	22.769	19.154
832	CARPENTER	55	4.327	0.982	4.745	10.873	0.145	29.509	20.327	21.564	14.091	22.800	13.291
833	METAL TRADES	92	4.163	1.076	5.533	11.304	0.141	28.728	20.630	24.641	14.272	21.565	13.457
834	BRKLYR, MASON, PTR, RFR	62	3.806	1.016	5.065	10.581	0.210	34.774	19.694	27.484	15.210	19.903	17.065
835	PLUMBER, PIPEFTR	72	4.681	1.292	5.181	11.583	0.181	34.278	21.361	25.279	15.264	22.778	17.528
836	HEAVY EQUIP OP	47	4.723	1.085	5.766	11.894	0.255	30.404	20.085	26.681	14.255	21.851	16.191
837	MISC BLDG & CONST	71	4.535	1.155	5.380	11.5[illegible]	0.324	34.014	21.972	27.901	14.465	22.408	18.479
838	MINING, QURYNG, DRLNG	16	4.688	1.500	6.125	11.438	.125	30.638	23.375	27.199	15.313	19.938	17.938
841	PILOT	39	5.192	1.939	5.646	13.677	0.597	50.374	25.626	32.545	16.061	25.970	22.635
848	AIR TRAFFIC CONTROLLER	13	4.154	1.231	6.154	11.846	0.615	47.615	19.692	32.462	15.615	25.154	22.923
851	MERCHANT MARINE OCC	10	4.600	1.600	4.800	12.400	0.700	52.400	25.100	31.000	15.300	23.300	19.800
852	RAILROAD OCCS	10	6.200	2.200	5.000	13.600	0.600	43.400	24.900	35.600	19.500	25.100	22.400
853	AUTO, BUS, TRUCK DRVR	85	4.012	1.094	4.588	11.200	0.153	31.812	20.447	25.788	14.506	20.976	18.341
861	PRINTING TRADES	106	4.538	1.113	4.679	10.849	0.189	32.557	20.717	24.858	14.991	22.066	17.877
863	SURVEYOR	27	4.778	1.222	5.148	11.778	0.593	44.963	22.889	30.963	14.481	22.370	18.593
864	DRAFTSMAN	140	4.286	1.007	4.943	11.021	0.386	32.636	21.429	23.757	15.307	23.314	19.229
865	PHOTOGRAPHY	39	5.487	1.590	5.051	12.026	0.513	45.051	21.564	29.359	15.179	22.846	21.308
867	LANDSCAPE ARCHIT	13	6.077	1.769	5.538	13.154	0.692	49.923	26.846	30.231	18.615	27.385	26.308
868	CLTHNG & FASH TRADES	14	4.786	1.214	4.714	11.429	0.286	37.714	23.786	16.143	16.571	24.357	21.000
881	FOOD & BEVERAGE PREP	28	4.643	0.964	4.750	10.500	0.250	35.429	22.000	29.643	15.286	23.179	19.821
885	BUTCHER, MEAT CUTTER	23	4.435	1.348	4.733	10.522	0.130	31.435	23.043	26.435	17.913	22.130	20.783
891	MISC PERSONAL SERVICES	12	4.000	0.667	4.500	9.167	0.417	36.667	19.167	28.333	15.000	19.667	17.583
892	BARBER	41	4.293	0.902	4.610	9.293	0.293	32.537	20.854	30.902	14.463	21.902	15.439
893	HAIRDRESSER	15	6.133	1.467	4.600	10.667	0.200	27.667	21.267	29.067	19.000	22.933	13.533
899	GENERAL LABORER	277	4.354	1.014	5.000	11.249	0.191	32.393	20.799	26.484	15.458	22.520	17.812
	TOTAL	14123	5.002	1.537	5.610	12.490	0.595	46.653	25.235	30.560	16.806	24.938	21.647

TABLE 1.3 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			STUDENT ACTIVITIES INVENTORY (CONTD.)				STUDENT INFORMATION BLANK SCALES						
			CULTURE	LEADERSHIP	SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS
			R-607	R-608	R-609	R-610	D-802	F-803	P-820	F-822	F-823	P-827	P-828
559	MUSIC-RELATED (MISC)	15	2.503	1.624	2.086	4.296	0.414	14.030	7.233	17.087	5.984	4.559	6.620
575	THEATRE (OTHER)	22	2.605	1.703	2.479	5.292	0.422	13.344	8.388	19.482	6.491	6.583	7.940
578	RADIO/TV ANNOUNCER	17	2.359	1.546	2.472	5.602	0.393	16.758	8.938	16.644	2.850	4.796	7.981
579	MISC PERF ARTS	12	2.275	0.965	3.367	5.705	0.515	14.160	6.939	21.753	4.920	6.408	10.624
611	ATHLETE	10	2.300	1.476	1.524	4.301	0.422	11.308	8.807	22.393	5.633	5.138	7.804
612	PRO ATHLETICS (AUX)	15	2.939	1.534	2.295	6.285	0.507	10.409	7.440	16.205	6.557	6.163	8.161
621	RECREATION DIR	18	2.562	1.665	1.815	4.793	0.461	16.511	7.300	17.482	9.553	5.380	10.750
623	FRSTRY, HUNT, TRAP	13	2.267	1.259	2.590	4.510	0.478	14.844	5.864	19.665	6.500	3.963	7.325
631	FARM/RANCH OWNER	128	2.184	1.402	2.416	5.010	0.392	13.314	9.245	14.961	6.902	4.769	8.072
639	FARMING (OTHER)	244	2.389	1.332	2.237	5.213	0.365	13.300	9.119	16.521	7.083	5.418	7.519
640	MILITARY (RANK NOT IND)	54	2.097	1.327	2.315	4.797	[illegible]	16.990	8.319	17.443	6.246	5.297	8.854
641	MILITARY-ENLISTED	13	2.853	1.557	2.609	6.695	0.480	14.544	5.483	14.947	6.638	4.111	11.020
642	MILITARY-OFFICER	100	2.440	1.624	2.792	5.681	0.366	12.625	8.614	16.994	6.201	5.669	8.359
650	INTELLIGENCE-CIA, ETC.	21	2.119	1.596	3.383	4.996	0.219	12.789	6.633	15.727	4.649	4.669	7.720
661	POLICE (PUBLIC)	151	2.228	1.399	2.404	5.217	0.497	15.571	8.468	18.103	6.580	5.535	9.181
666	FIREMAN	41	1.990	1.161	2.454	4.405	0.435	14.928	7.037	17.382	6.937	6.456	8.266
669	OTHER PROTECTIVE	22	2.439	1.709	2.991	5.618	0.477	12.791	9.534	19.164	6.800	7.319	12.136
711A	BANKING & FINANCE, I	43	2.060	1.322	2.657	4.877	0.490	13.683	7.804	18.591	6.097	5.543	9.304
711B	BANKING & FINANCE, II	116	2.114	1.621	2.421	5.138	0.449	16.333	8.762	16.335	5.964	5.005	7.910
712	INVSTMNT, STOCK CONSULT	11	2.284	1.483	3.435	5.441	0.405	15.621	8.477	18.036	8.335	4.567	7.616
716	CPA	282	2.278	1.459	2.573	5.092	0.459	16.539	8.537	17.169	6.010	5.547	7.568
717	ACCTANT (EXC CPA)	222	2.454	1.272	2.452	5.307	0.499	14.978	8.116	16.756	5.885	5.093	8.834
721	PURCHASING AGENT	25	2.308	1.856	2.650	5.019	0.490	12.954	8.539	19.562	5.759	4.358	7.877
722	RETAIL BUYER	22	2.299	1.362	2.077	5.218	0.510	15.662	7.997	19.536	7.494	6.184	9.419
723	EFFICIENCY EXPERT	111	2.169	1.548	2.685	5.515	0.414	16.083	9.782	16.273	6.207	5.992	8.134
724	ADVERTISING	40	2.455	1.533	2.794	5.454	0.439	15.438	9.293	16.887	5.523	4.926	9.824
725	PUBLIC RELATIONS	31	2.072	1.721	2.496	5.612	0.475	16.754	8.705	20.239	6.791	5.592	8.428
726	PERSONNEL ADMIN	81	2.470	1.568	2.298	5.272	0.357	11.128	7.346	17.343	5.559	4.777	7.674
727	APPRAISING, ESTIMATING	26	2.170	1.628	2.162	4.864	0.494	12.865	8.487	16.964	6.755	6.097	8.355
728	LOAN/CREDIT INVESTIG	20	2.578	1.899	2.617	6.137	0.471	15.433	8.736	18.300	6.573	5.745	8.562
730	BUS MGMT ADM (NEC)	411	2.419	1.621	2.607	5.640	0.436	15.371	9.440	19.099	6.268	5.394	8.575
731	MFG MGMT	95	2.379	1.581	2.591	5.330	0.367	15.345	8.951	18.324	5.739	5.388	9.016
732	WHSL/RET TRADE MGMT/MKTG	125	2.296	1.480	2.543	5.118	0.465	15.595	8.023	19.622	6.193	5.434	8.832
738	SUPERVISOR IN BUS	57	2.259	1.289	2.134	4.580	0.479	16.244	7.610	16.094	6.054	5.608	8.447
741	SLSCLERK	22	2.240	0.832	2.431	4.639	0.422	12.025	8.586	18.759	6.452	5.775	8.631
742	RTEMAN (MILK, LAUNDRY, ETC)	12	1.706	0.965	2.379	3.841	0.0	7.786	8.512	19.994	7.448	3.908	9.119
743	STOCKBROKER	24	2.253	1.614	2.643	6.960	0.449	13.130	9.277	16.621	7.663	5.962	9.025
745	REAL ESTATE SLSMAN	26	2.285	1.720	2.498	7.364	0.452	14.374	8.796	19.434	6.363	6.035	8.560
746	INSURANCE SLSMAN	51	2.145	1.588	2.895	5.094	0.496	15.796	9.755	18.285	5.796	5.990	8.280
747	AUTO SLSMAN	22	2.361	1.726	2.405	5.120	0.503	13.138	8.600	15.106	5.049	5.544	6.645
748	OTHER SLSMAN (NEC)	250	2.225	1.457	2.343	4.917	0.499	15.676	8.528	17.782	6.399	5.394	8.547
749	SALES MGR	70	2.234	1.540	2.865	5.159	0.456	14.811	7.747	18.427	6.306	5.626	7.803
751	BOOKKEEPER	10	1.398	1.033	[illegible]	4.040	0.422	17.311	7.972	16.703	6.257	5.622	7.510
755	MISC ACCT RECDG	27	2.214	1.178	[illegible]	4.774	0.465	14.537	7.597	16.134	6.016	4.742	9.007
758	COMPUTER OPERATOR	71	2.312	1.411	2.526	5.528	0.503	17.038	8.863	16.823	6.818	5.439	8.575
769	CLERK (MISC)	26	2.036	1.248	1.793	5.125	0.415	13.710	10.393	19.391	7.690	6.355	6.454
772	OFFICE MGR	22	2.644	1.456	2.415	5.402	0.508	13.413	8.633	20.158	7.599	6.527	6.546
789	OTHER "PUB CONT" OCCS	14	1.817	0.975	2.533	4.450	0.519	18.895	7.531	22.496	6.719	5.415	7.277
791	RADIO, TELEGR, TTY OP	14	1.657	0.825	2.326	3.956	0.426	13.390	8.027	19.680	7.521	3.608	7.156
797	MISC CLERICAL	112	1.990	1.182	[illegible]	4.933	0.491	14.859	8.361	17.896	7.001	5.951	8.374
798	MISC ADMINISTRATIVE	20	2.308	1.484	2.704	5.341	0.506	16.627	9.688	17.520	6.169	5.750	8.843
810	ELECTRICIAN	148	2.196	1.197	2.364	4.679	0.416	14.615	8.826	19.424	6.934	5.373	8.113
811	ELECTRONIC TECHNICIAN	213	2.263	1.241	2.649	5.043	0.501	15.155	8.647	16.932	6.512	5.212	8.180
812	APPLIANCE REPAIR	35	2.120	1.343	2.276	4.821	0.458	16.254	8.288	16.507	7.078	6.010	7.428
813	PHONE INSTALL & REPAIR	10	1.997	1.180	2.433	5.452	0.478	14.182	7.099	17.179	5.969	5.413	8.255
814	REPAIR & SERV COMP	12	2.418	0.821	2.340	4.551	0.507	13.304	7.665	21.223	6.741	5.255	6.767
820	MECHANIC (NEC)	116	1.989	1.091	2.380	4.695	0.372	14.925	7.879	16.872	6.444	5.068	8.512
821	AUTO MECHANIC	76	2.012	1.097	2.327	4.288	0.394	15.413	8.099	16.100	6.288	4.806	8.334
822	AIRPLANE MECHANIC	40	1.910	1.031	2.161	4.566	0.407	12.351	8.111	18.193	6.291	5.135	8.517
823	OFFICE MACH REPAIR	17	1.663	1.380	2.264	4.001	0.493	14.924	7.567	15.831	5.159	5.460	10.209
824	IND MACH REPAIR	31	1.990	1.411	2.348	4.642	0.436	15.787	6.053	16.174	6.256	5.372	9.203
828	MACHINIST	174	1.978	1.138	2.341	5.132	0.424	15.123	8.230	18.096	6.761	5.325	8.111
831	CABINET MAKER	12	2.565	1.214	1.725	5.791	0.439	10.525	7.833	17.142	6.550	5.570	8.697
832	CARPENTER	55	2.212	0.972	2.171	4.911	0.356	13.071	10.013	14.927	6.961	4.494	7.608
833	METAL TRADES	32	2.195	1.071	2.289	4.619	0.350	13.248	8.489	15.197	6.829	4.691	7.932
834	BRKLYR, MASON, PTR, RFR	42	2.194	1.048	2.346	4.437	0.410	12.687	7.260	16.134	7.353	5.358	7.564
835	PLUMBER, PIPEFTR	70	2.232	1.227	2.564	4.887	0.387	14.088	9.012	17.295	6.338	5.501	8.122
836	HEAVY EQUIP OP	47	2.338	1.176	2.469	5.155	0.441	15.869	8.285	17.298	6.388	5.864	8.858
837	MISC BLDG & CONST	71	2.449	1.294	2.350	4.990	0.471	16.725	8.664	19.844	7.083	5.154	7.948
838	MINING, QURYNG, DRLNG	16	2.358	1.461	2.579	6.408	0.342	11.388	8.090	21.411	6.457	7.316	8.880
841	PILOT	30	2.629	1.544	2.451	5.815	0.462	14.983	9.506	19.214	6.371	5.679	9.004
848	AIR TRAFFIC CONTROLLER	13	2.764	1.301	2.035	6.492	0.506	15.349	6.395	21.153	6.199	5.289	10.095
851	MERCHANT MARINE OCC	10	2.366	1.506	2.658	6.450	0.483	23.642	6.118	16.438	5.697	6.082	10.293
852	RAILROAD OCCS	10	2.348	1.317	2.981	3.307	0.516	14.879	8.425	23.196	6.671	5.587	9.252
853	AUTO, BUS, TRUCK DRVR	95	2.207	1.031	1.904	5.472	0.362	14.121	8.372	17.066	6.476	6.104	9.607
861	PRINTING TRADES	106	2.209	1.245	2.189	4.529	0.393	14.548	8.777	17.152	7.246	5.017	8.370
863	SURVEYOR	27	1.867	1.219	2.196	5.003	0.501	18.226	8.750	19.072	6.997	6.221	8.139
864	DRAFTSMAN	140	1.979	1.160	1.981	4.926	0.489	15.433	8.120	16.356	6.295	5.342	8.568
865	PHOTOGRAPHY	33	2.138	1.712	2.316	5.219	0.506	16.724	7.514	15.481	6.228	5.513	9.660
867	LANDSCAPE ARCHIT	13	2.783	1.641	2.933	6.323	0.480	17.404	9.191	16.438	4.482	5.009	8.159
868	CLTHNG & FASH TRADES	14	2.392	1.188	1.939	4.327	0.469	15.862	9.994	13.055	8.064	5.692	9.232
881	FOOD & BEVERAGE PREP	28	2.642	1.232	2.351	5.330	0.441	15.600	8.709	15.692	6.655	4.278	9.417
885	BUTCHER, MEAT CUTTER	23	2.313	1.402	2.335	5.567	0.344	11.638	7.595	16.836	5.325	4.137	8.944
891	MISC PERSONAL SERVICES	12	2.216	0.985	2.111	3.353	0.515	17.717	10.008	19.237	7.447	5.331	7.090
892	BARBER	41	2.040	1.020	1.842	4.303	0.461	13.445	9.838	18.976	6.716	5.558	7.782
893	HAIRDRESSER	15	2.615	0.990	2.261	4.791	0.414	13.886	8.498	15.984	5.964	6.319	10.218
899	GENERAL LABORER	277	2.044	1.158	2.215	5.078	0.394	13.615	7.634	15.697	6.362	5.251	8.282
	TOTAL	14123	2.421	1.493	2.573	5.480	0.493	17.375	9.703	18.058	6.501	5.890	8.976

TABLE 1.3 (continued)

#	GROUP	N	MEANS									
			STUDENT INFORMATION BLANK SCALES (CONTD.)									
			SELF-PERCEP OF RDNG SKILLS	AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			P-829	F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
000	NO ANSWER	1912	24.182	32.003	32.730	20.273	58.549	22.763	14.749	16.604	48.061	19.509
001	DON'T KNOW	934	23.531	29.187	27.439	16.128	53.477	19.758	14.177	14.402	47.792	19.402
101	EXECUTIVE (NEC)	43	24.628	36.023	34.651	20.791	56.442	21.070	15.140	18.233	49.419	20.488
102	FOREMAN (NEC)	49	22.653	24.837	31.061	18.122	64.490	24.980	15.592	19.653	55.000	21.857
111	WORK FOR GOVT (NEC)	52	24.731	32.846	30.500	19.808	55.154	21.904	14.654	15.115	49.808	20.808
112	IN BUS FOR SELF (NEC)	278	23.000	26.619	33.752	20.608	63.820	25.331	15.187	18.079	50.978	21.259
120	IND, BUS, COMM (NEC)	141	23.333	30.411	32.674	19.957	57.894	21.823	15.546	14.965	48.780	19.787
121	RETAIL (NEC)	33	23.182	23.394	28.485	17.636	53.485	18.212	15.152	11.121	50.333	22.303
122	TRANSPORTATION (NEC)	27	21.889	24.704	33.407	18.667	55.593	19.556	15.444	22.333	52.963	13.963
123	REAL ESTATE (NEC)	17	27.765	32.471	35.294	25.824	52.706	19.882	16.588	25.824	49.235	21.059
124	INSURANCE (NEC)	35	23.886	32.543	36.200	23.029	55.657	20.486	17.743	19.629	48.543	19.714
125	ELECTRONICS (NEC)	156	23.904	29.154	27.321	16.468	62.929	24.468	14.404	12.429	47.724	20.263
150	RESEARCH (NEC)	9	21.444	28.778	33.111	19.222	61.111	21.556	17.222	25.222	46.889	17.889
211	MATH, STAT	46	26.261	45.087	28.826	17.217	54.065	18.370	14.022	15.761	44.304	19.543
212	OTHER STATISTICS	14	27.214	35.857	28.571	15.357	55.500	17.357	14.429	11.929	43.929	16.071
221	SYSTEMS ANALYST	42	25.929	31.214	33.833	19.476	64.500	22.095	14.881	22.190	48.262	19.024
222	COMPUTER PROGRAMMER	121	24.380	30.702	30.380	19.496	56.231	21.215	15.033	17.050	47.471	13.967
229	COMPUTER SPEC (NEC)	20	25.400	33.050	32.000	21.850	59.450	21.900	15.250	15.450	50.450	16.850
230	PHYSICAL SCI (NEC)	18	25.278	40.111	31.667	22.278	61.556	23.111	15.222	19.056	37.889	16.944
231	CHEMIST	81	28.037	39.296	33.247	21.247	55.420	20.519	15.333	17.037	46.531	18.877
232	PHYSICIST	64	28.453	40.281	32.844	22.313	59.922	23.438	14.953	17.531	43.547	19.406
234	GEOLOGIST	17	26.235	39.529	33.176	22.647	62.647	21.706	16.765	18.824	49.941	20.294
235	METEOROLOGIST	10	24.000	32.300	28.000	16.400	53.300	17.100	13.400	14.300	41.900	14.900
240	ENGINEER (NEC)	167	27.012	34.916	33.605	21.988	60.431	22.251	15.281	14.042	46.856	18.120
241	CIVIL ENGINEER	105	25.962	30.152	27.571	17.448	56.238	21.000	15.838	18.333	49.143	18.895
242	ELECTRICAL ENGINEER	243	26.929	33.247	30.086	18.350	59.362	23.210	14.486	15.844	44.099	17.486
243	MECH ENGINEER	143	25.727	30.915	32.063	19.972	61.035	23.154	14.692	16.077	45.846	19.420
244	AERONAUTICAL ENG	37	28.081	36.676	29.595	19.297	60.595	22.514	15.649	16.270	43.378	19.270
245	CHEM ENGINEER	58	29.914	34.983	31.793	20.466	58.914	21.328	16.379	17.379	45.379	13.052
250	ARCHITECT	58	25.500	30.793	33.569	21.207	64.534	24.897	16.603	21.379	49.914	19.931
299	PHYS SCI, LAB TECH	78	23.218	26.936	29.000	16.141	57.038	21.128	13.795	12.551	49.615	20.026
310	BIOLOGIST, ZOOLOGIST	32	27.281	33.875	30.938	19.594	59.813	20.563	15.063	16.938	41.594	18.719
313	SPEC IN AGRIC SCI	35	22.914	25.314	34.371	23.086	67.800	25.314	15.514	19.457	43.457	19.686
314	WLDLF/FOREST SPEC	49	25.469	35.857	26.918	15.469	62.510	22.837	15.265	17.571	43.612	19.061
316	MICROBIOLOGIST	15	25.800	32.800	33.133	21.267	65.867	25.600	16.867	16.600	48.733	15.400
317	BIOCHEMIST	9	31.000	44.000	33.333	24.556	61.667	23.667	15.556	17.222	47.000	19.333
322	MD-SURGEON	14	28.786	43.429	33.143	19.143	60.929	23.714	18.286	21.714	50.000	16.143
329	MD-OTHER	229	29.144	38.052	37.179	23.983	56.445	20.227	14.908	20.969	46.467	16.354
332	DENTIST	97	27.525	33.691	35.031	22.247	60.175	21.773	17.412	21.206	49.866	19.021
333	VETERINARIAN	20	28.950	30.700	32.700	21.650	58.450	23.550	16.500	22.900	49.000	20.600
343	PHYS THERAPIST	11	24.273	26.545	40.000	26.182	68.455	22.273	13.818	15.364	46.273	17.636
347	MED/DENT TECHNOL	16	24.500	25.250	28.563	16.500	62.438	22.625	14.000	17.563	52.188	20.750
348	MED/DENT TECHNICIAN	27	25.333	28.630	32.667	23.222	59.556	23.444	16.481	15.259	50.037	18.815
350	HOSPITAL ADMIN	11	29.818	35.273	42.727	30.364	52.182	18.364	13.727	23.000	45.727	17.000
335	PHARMACIST	91	24.978	29.308	35.187	22.648	60.637	21.231	15.582	17.231	46.659	20.187
360	PSYCHOLOGIST	106	29.038	44.528	36.132	23.274	55.481	20.575	15.472	20.651	46.387	16.830
370	SOCIAL WORKER	60	26.500	39.667	34.017	22.700	56.917	21.033	15.467	19.550	45.967	19.700
371	PSYCHIATRIC SOC WRKR	9	25.444	35.778	40.000	26.667	57.778	19.333	16.111	20.778	50.333	19.667
372	COUNSELING/GUIDANCE	12	22.083	22.583	39.167	22.500	53.500	23.000	16.417	13.833	45.250	20.583
373	VOC/ED GUIDANCE	23	24.783	33.609	33.087	23.870	58.783	22.348	16.739	25.043	49.261	19.652
382	ECONOMIST	23	27.087	35.565	36.087	21.522	59.696	16.435	15.652	16.043	50.739	20.435
389	SOCIAL SCI (MISC)	21	27.905	39.952	30.000	21.571	57.762	22.143	17.143	17.143	52.095	18.143
392	DIPLOMAT	22	28.727	33.091	40.000	27.182	52.955	18.455	14.955	19.636	48.227	13.273
393	LAWYER	393	28.209	39.603	29.270	25.598	54.705	20.031	16.789	21.023	50.130	13.109
394	MARKET ANALYST	10	28.100	32.500	42.900	27.400	68.800	25.100	13.200	21.600	50.400	17.900
398	CITY PLANNER (NEC)	12	26.667	43.083	34.167	25.417	63.500	23.250	16.750	25.833	51.750	17.083
400	TEACHER (NEC)	423	25.785	32.974	33.031	21.071	56.596	20.466	16.612	20.456	47.766	18.844
412	TEACHER-ELEM	45	23.222	27.578	30.467	19.289	53.978	20.089	16.067	16.311	46.133	19.511
420	TEACHER-HS (NEC)	69	26.899	32.826	31.261	19.957	57.739	22.580	16.246	14.072	46.971	19.536
421	TEACHER-HS MATH	62	24.161	28.661	30.548	19.242	54.129	19.419	15.274	18.194	45.113	17.629
422	TEACHER-HS SCI	50	26.680	34.080	36.200	23.080	61.240	22.760	16.060	17.940	46.640	18.040
423	TEACHER-HS SOC ST	94	27.628	39.872	35.426	22.787	57.638	22.181	15.787	19.074	47.319	18.968
424	TEACHER-ENGLISH	45	28.911	39.778	35.844	23.511	55.222	21.622	15.022	17.444	48.400	17.311
425	TEACHER-FOREIGN LANG	10	26.700	46.900	30.800	20.100	54.600	20.900	14.500	20.200	34.900	20.900
426	TEACHER-COMM ED	16	25.938	24.125	37.500	24.375	61.188	23.500	15.625	13.375	50.938	21.313
428	TEACHER-TRADES	45	21.400	22.800	39.267	24.133	67.111	27.733	14.400	18.978	44.733	20.600
429	TEACHER-PHYS ED	57	20.947	24.088	28.298	17.982	57.561	21.421	19.158	25.018	50.439	17.368
431	TEACHER-ART	15	23.667	37.800	37.600	23.267	66.000	27.533	16.000	21.533	46.333	19.667
432	TEACHER-MUSIC	38	24.289	33.158	35.000	24.421	54.184	21.842	12.421	17.737	45.132	17.921
440	TEACHER-HANDICAPPED	18	22.389	34.611	29.778	17.667	56.000	18.556	16.222	17.222	47.333	17.778
450	SCHOOL ADMIN (EXC COLL)	43	26.558	32.140	33.256	23.698	57.256	21.930	13.605	22.837	50.140	20.163
460	COLL/UNIV TCHR (NEC)	179	29.212	38.352	33.877	23.330	56.101	21.654	14.693	21.425	47.196	17.346
461	COLL/UNIV TCHR-MATH	28	28.286	34.536	30.000	20.393	48.786	16.464	13.536	18.429	43.071	16.286
462	COLL/UNIV TCHR-SCI	68	28.118	44.529	32.838	21.779	53.750	22.250	15.971	17.176	44.309	19.309
463	COLL/UNIV TCHR-SOC SCI	85	31.235	48.376	34.694	23.906	54.235	20.271	14.365	20.082	44.800	17.435
464	COLL/UNIV TCHR-ENGLISH	57	32.105	50.526	34.982	24.070	48.561	19.140	14.070	18.930	48.982	16.035
465	COLL/UNIV TCHR-FOR LANG	15	29.200	45.600	34.000	22.067	51.200	18.333	11.933	25.133	42.733	15.267
521	CLERGYMAN	176	27.341	36.744	32.875	23.153	52.398	19.335	15.136	20.761	39.159	18.028
522	MONK, BROTHER, NUN	16	27.063	36.813	29.688	20.500	53.438	20.563	16.688	19.000	26.250	19.500
523	RELIG WRKR (OTHER)	14	27.143	34.357	30.286	22.286	59.214	22.500	15.214	21.500	44.571	22.143
531	WRITER (NEC)	24	26.292	42.708	25.417	15.875	46.750	19.958	12.958	10.458	45.375	17.333
534	JRNLIST/REPRTER	43	28.605	44.535	31.628	23.140	51.767	19.302	14.419	16.302	47.186	18.395
539	TRNSLTR, INTRPRTR, LINGST	9	31.889	53.333	35.111	23.333	53.556	21.778	15.222	13.889	46.889	22.333
541	FINE ARTS	16	26.250	37.500	37.500	22.063	64.875	28.875	14.000	15.500	47.938	18.938
545	COMM ARTIST	48	23.271	30.500	32.083	19.313	65.917	27.813	13.771	14.833	48.938	17.688
547	DESIGNER (CONS GDS)	28	25.500	30.857	30.214	18.286	59.143	24.429	14.429	12.500	49.250	20.286
551	MUSICIAN	24	24.750	33.583	26.542	17.875	51.125	19.958	11.917	17.792	46.458	18.458

TABLE 1.3 (continued)

#	GROUP	N	SELF-PERCEP OF RDNG SKILLS	AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			STANDARD DEVIATIONS									
			STUDENT INFORMATION BLANK SCALES (CONTD.)									
			P-829	F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
000	NO ANSWER	1912	7.948	21.561	21.795	15.071	22.405	11.868	5.590	14.278	13.186	6.652
001	DON'T KNOW	803	8.081	22.107	21.316	13.689	23.317	10.751	5.769	14.410	14.156	6.851
101	EXECUTIVE (NEC)	43	7.493	19.431	21.531	14.819	22.667	10.866	5.634	15.479	14.341	7.193
102	FOREMAN (NEC)	49	8.420	17.580	22.516	14.034	22.221	11.607	5.824	15.791	10.163	6.910
111	WORK FOR GOVT (NEC)	52	7.731	24.397	19.304	15.476	23.223	12.059	5.441	14.752	13.930	6.698
112	IN BUS FOR SELF (NEC)	279	8.332	19.972	20.677	14.346	22.203	12.392	5.490	14.745	12.283	6.668
120	IND, BUS, COMM (NEC)	141	7.357	20.168	20.373	13.899	22.987	11.477	5.098	12.717	12.612	6.598
121	RETAIL (NEC)	33	6.121	19.513	18.221	13.174	19.726	7.635	4.480	10.422	13.226	5.945
122	TRANSPORTATION (NEC)	27	5.679	18.957	20.894	14.036	22.858	9.589	5.018	15.768	11.175	6.309
123	REAL ESTATE (NEC)	17	5.847	23.508	21.248	16.565	24.098	11.191	5.669	16.303	9.840	6.200
124	INSURANCE (NEC)	15	7.376	24.462	15.235	11.362	23.752	9.463	5.191	14.182	11.083	6.181
125	ELECTRONICS (NEC)	156	8.116	19.272	19.466	12.699	21.710	12.305	5.970	12.777	12.984	6.719
150	RESEARCH (NEC)	9	12.043	22.493	17.237	12.112	25.678	11.928	4.410	14.831	9.675	6.051
211	MATH, STAT	46	8.913	25.362	19.444	13.454	22.571	9.954	5.772	12.782	13.388	6.811
212	OTHER STATISTICS	14	5.323	21.633	12.924	7.153	25.382	7.448	4.398	13.584	14.473	6.354
221	SYSTEMS ANALYST	42	6.802	20.144	16.881	13.169	21.385	10.896	5.832	12.266	11.197	6.166
222	COMPUTER PROGRAMMER	121	7.603	21.022	17.991	12.896	19.799	9.436	5.332	14.964	12.852	7.242
229	COMPUTER SPEC (NEC)	20	8.494	19.795	12.397	12.089	18.653	10.192	5.973	11.482	9.539	7.485
230	PHYSICAL SCI (NEC)	12	9.504	24.810	19.778	14.003	19.321	9.634	5.001	15.965	13.766	8.106
231	CHEMIST	91	6.660	22.554	16.491	13.655	22.323	10.529	6.027	12.830	11.532	6.963
232	PHYSICIST	[illegible]	7.797	23.749	13.795	9.990	16.535	9.227	5.193	11.628	13.806	6.458
234	GEOLOGIST	17	10.128	23.006	20.397	13.219	20.112	11.389	4.829	11.507	11.110	5.764
235	METEOROLOGIST	10	5.944	24.125	10.328	9.192	21.726	6.773	2.757	10.425	16.086	7.578
240	ENGINEER (NEC)	147	7.099	24.256	17.649	14.020	22.894	10.921	5.137	13.763	10.507	6.563
241	CIVIL ENGINEER	105	7.573	18.259	14.782	11.467	21.045	10.422	4.464	14.269	12.128	6.812
242	ELECTRICAL ENGINEER	243	8.544	20.154	16.182	12.145	20.397	10.816	5.393	13.331	14.488	6.911
243	MECH ENGINEER	142	7.166	20.186	19.331	13.466	18.970	10.384	5.062	14.144	11.891	6.530
244	AERONAUTICAL ENG	37	8.129	19.122	21.807	15.801	15.632	8.126	5.219	13.484	14.993	6.959
245	CHEM ENGINEER	69	6.018	22.276	16.460	12.057	23.615	11.566	4.705	13.421	12.116	6.626
250	ARCHITECT	59	7.004	19.687	14.121	10.975	20.669	10.978	4.615	13.444	9.652	6.834
299	PHYS SCI, LAB TECH	22	6.963	17.088	21.326	12.297	24.587	10.673	5.317	13.216	14.229	6.952
310	BIOLOGIST, ZOOLOGIST	22	8.509	25.302	18.025	12.998	19.403	8.810	5.406	8.875	15.994	7.985
313	SPEC IN AGRIC SCI	25	7.979	18.800	16.663	12.067	17.381	8.415	5.255	10.403	11.205	6.379
314	WLDLF/FOREST SPEC	40	7.583	20.881	17.802	13.040	18.248	8.370	5.094	14.325	13.239	6.709
316	MICROBIOLOGIST	15	8.637	20.154	15.860	13.828	19.331	9.731	4.324	12.682	12.050	6.642
317	BIOCHEMIST	9	6.403	25.140	22.913	16.218	18.702	8.016	4.475	14.721	16.325	7.246
322	MD-SURGEON	14	5.989	24.503	12.883	10.633	21.018	16.165	4.730	13.158	13.255	5.668
329	MD-OTHER	290	7.261	21.331	17.683	13.468	20.834	9.277	4.861	12.020	12.327	6.741
332	DENTIST	37	6.313	16.213	18.182	13.238	19.284	10.159	4.703	14.310	10.579	6.895
333	VETERINARIAN	20	6.304	23.056	13.476	10.713	18.625	11.124	5.125	14.945	10.863	7.258
343	PHYS THERAPIST	11	6.813	15.155	25.690	19.631	18.321	8.284	7.467	13.017	7.760	6.667
347	MED/DENT TECHNOL	16	7.376	25.434	17.390	10.961	22.277	15.117	5.750	15.323	10.772	6.598
348	MED/DENT TECHNICIAN	27	7.514	19.966	16.258	12.726	24.262	11.587	5.754	12.177	13.654	7.991
350	HOSPITAL ADMIN	11	6.178	21.522	16.181	11.758	30.169	10.289	5.461	8.927	9.371	6.261
335	PHARMACIST	91	7.674	17.610	17.197	12.268	22.750	10.298	5.245	13.309	10.727	6.978
360	PSYCHOLOGIST	124	6.953	23.537	16.935	12.901	18.763	9.472	5.039	13.322	13.633	7.176
370	SOCIAL WORKER	42	6.443	22.023	19.225	16.708	21.680	11.287	5.595	14.923	10.981	6.215
371	PSYCHIATRIC SOC WRKR	9	9.761	21.011	20.616	13.426	17.641	6.671	4.885	12.327	8.109	6.708
372	COUNSELING/GUIDANCE	12	8.586	18.725	22.747	12.026	20.264	8.924	4.757	9.571	11.291	7.366
373	VOC/ED GUIDANCE	22	8.431	21.204	20.778	13.759	23.863	9.975	5.512	13.213	7.053	6.945
382	ECONOMIST	23	7.373	15.771	22.510	14.863	25.426	9.365	5.974	12.946	12.341	6.868
389	SOCIAL SCI (MISC)	21	7.829	25.139	16.733	14.102	24.867	12.527	5.112	14.637	11.269	6.421
392	DIPLOMAT	22	7.579	21.091	12.724	11.287	22.973	9.516	5.686	12.187	10.137	6.860
393	LAWYER	393	7.269	22.530	18.507	14.136	23.031	10.632	5.005	12.552	11.399	6.664
394	MARKET ANALYST	10	6.118	14.370	18.321	15.233	20.220	9.758	4.315	10.255	6.398	5.666
398	CITY PLANNER (NEC)	12	8.532	22.753	18.320	14.042	20.102	10.601	6.196	13.677	8.604	5.744
400	TEACHER (NEC)	423	7.555	19.841	19.009	14.217	22.600	10.142	5.369	13.515	11.937	6.323
412	TEACHER-ELEM	45	6.417	20.979	16.889	12.312	26.444	9.876	4.915	12.651	13.760	6.490
420	TEACHER-HS (NEC)	62	7.662	21.393	17.219	13.972	23.858	12.762	4.918	14.027	13.954	6.690
421	TEACHER-HS MATH	42	7.530	18.920	17.673	12.815	20.278	9.747	4.666	14.202	10.932	6.509
422	TEACHER-HS SCI	50	6.635	19.211	16.274	12.342	23.003	10.853	4.859	13.651	10.904	6.578
423	TEACHER-HS SOC ST	34	5.895	21.909	19.846	14.465	22.244	11.074	5.624	13.727	12.511	6.132
424	TEACHER-ENGLISH	45	6.086	21.277	16.564	12.779	22.487	11.635	5.263	13.331	14.160	7.449
425	TEACHER-FOREIGN LANG	10	7.861	24.474	8.548	6.740	16.311	7.249	2.877	15.810	11.986	4.909
426	TEACHER-COMM ED	16	8.418	18.118	20.817	14.004	18.598	10.020	5.875	10.745	12.943	8.220
428	TEACHER-TRADES	45	8.869	14.467	21.797	15.858	18.427	11.694	4.970	15.174	14.634	5.774
429	TEACHER-PHYS ED	57	8.037	16.235	16.926	12.357	24.077	13.094	3.332	13.449	11.834	6.728
431	TEACHER-ART	15	8.974	12.090	15.878	11.209	15.780	11.250	3.566	15.806	16.074	7.088
432	TEACHER-MUSIC	38	9.360	23.493	17.359	12.218	24.273	9.400	4.677	13.687	8.774	6.988
440	TEACHER-HANDICAPPED	18	6.011	18.544	14.469	12.589	20.477	8.155	4.493	12.767	10.776	6.208
450	SCHOOL ADMIN (EXC COLL)	43	6.478	20.067	18.609	14.835	22.039	10.400	4.977	13.200	9.400	7.061
460	COLL/UNIV TCHR (NEC)	179	6.581	21.737	17.245	12.915	22.512	11.044	5.758	13.407	12.364	6.926
461	COLL/UNIV TCHR-MATH	28	7.205	19.506	13.878	11.236	20.941	9.123	5.501	12.971	16.642	6.503
462	COLL/UNIV TCHR-SCI	58	7.412	22.342	18.152	14.383	23.242	10.416	4.899	12.392	12.987	6.008
463	COLL/UNIV TCHR-SOC SCI	85	7.122	22.912	17.201	14.895	20.212	9.881	5.567	12.764	14.550	6.318
464	COLL/UNIV TCHR-ENGLISH	57	6.505	25.319	17.259	12.972	21.802	8.829	5.209	14.613	13.657	6.369
465	COLL/UNIV TCHR-FOR LANG	15	6.085	21.866	12.984	9.550	25.621	8.690	5.812	15.666	15.845	7.294
521	CLERGYMAN	176	7.236	22.422	15.337	12.078	20.048	9.126	5.599	12.831	16.033	6.255
522	MONK, BROTHER, NUN	16	6.990	18.167	16.780	13.049	21.081	8.302	3.281	12.149	17.931	5.562
523	RELIG WRKR (OTHER)	14	8.085	25.464	13.853	8.905	13.537	10.733	5.395	8.916	12.568	5.216
531	WRITER (NEC)	24	8.660	20.779	17.688	12.291	24.462	11.566	5.213	11.595	14.331	8.641
534	JRNLIST/REPRTER	43	7.297	24.520	17.311	13.613	25.455	11.323	5.766	15.228	12.866	7.929
539	TRNSLTR, INTRPRTR, LINGST	9	8.418	30.012	13.421	9.592	18.440	7.155	5.142	10.142	13.119	4.610
541	FINE ARTS	16	6.496	17.297	19.494	12.439	20.003	7.311	4.442	12.843	7.252	6.981
545	COMM ARTIST	49	8.666	17.923	24.836	17.327	21.831	11.215	5.352	13.219	12.712	7.164
547	DESIGNER (CONS GDS)	29	7.068	23.363	18.733	13.055	20.885	11.616	4.811	12.109	13.349	6.370
551	MUSICIAN	24	9.905	25.322	18.036	11.652	20.392	8.981	6.839	13.844	12.958	6.959

TABLE 1.3 (continued)

#	GROUP	N	MEANS									
			STUDENT INFORMATION BLANK SCALES (CONTD.)									
			SELF-PERCEP OF RDNG SKILLS	AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			P-829	F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
559	MUSIC-RELATED (MISC)	15	30.467	38.257	30.667	21.867	42.400	17.067	13.267	26.267	50.867	17.000
575	THEATRE (OTHER)	23	27.217	43.913	34.783	25.522	59.826	25.522	14.478	15.217	51.870	17.652
578	RADIO/TV ANNOUNCER	17	25.235	34.412	35.176	24.059	57.588	24.294	13.412	12.059	42.647	18.471
579	MISC PERF ARTS	12	24.250	37.000	24.167	15.667	61.750	25.083	14.500	12.333	39.750	20.333
611	ATHLETE	10	20.400	28.000	31.000	20.700	55.400	18.000	19.200	22.700	47.500	22.100
612	PRO ATHLETICS (AUX)	15	24.800	25.867	26.000	16.000	47.733	14.600	16.667	21.000	49.533	13.533
621	RECREATION DIR	18	22.444	33.000	33.333	21.778	54.278	21.556	17.389	21.000	51.056	20.167
623	FRSTRY, HUNT, TRAP	19	21.368	29.263	23.158	14.789	56.211	24.158	15.105	16.105	49.368	21.316
631	FARM/RANCH OWNER	122	20.573	22.347	24.766	21.000	59.967	23.508	12.734	13.117	42.992	19.719
639	FARMING (OTHER)	266	21.414	23.895	24.903	22.598	62.329	25.393	13.389	17.669	43.263	19.959
640	MILITARY (RANK NOT IND)	54	25.167	36.019	29.648	20.185	59.148	22.630	15.463	14.722	48.685	20.926
641	MILITARY-ENLISTED	13	25.077	41.231	41.538	27.000	60.692	28.308	16.308	20.000	47.462	20.231
642	MILITARY-OFFICER	[illegible]	27.583	35.676	33.477	25.343	59.454	22.704	17.491	20.491	47.935	19.148
650	INTELLIGENCE-CIA, ETC.	21	27.000	41.095	38.571	24.810	57.619	20.286	14.524	20.714	50.000	19.000
661	POLICE (PUBLIC)	151	23.497	29.404	29.844	19.351	57.656	21.563	15.192	17.649	52.404	19.364
666	FIREMAN	41	23.902	24.659	24.634	14.976	54.439	19.488	14.902	13.829	56.024	23.854
669	OTHER PROTECTIVE	22	24.000	27.091	22.636	16.364	53.273	21.318	17.091	12.182	53.500	20.909
711A	BANKING & FINANCE, I	63	23.175	29.857	29.730	17.556	53.746	20.508	14.571	15.762	50.413	21.270
711B	BANKING & FINANCE, II	116	25.888	23.957	34.543	21.129	53.578	18.948	16.466	21.043	49.500	19.224
712	INVSTMNT, STOCK CONSULT	11	24.000	25.091	32.545	21.364	43.182	14.727	14.455	12.091	47.091	23.000
716	CPA	[illegible]	24.743	31.021	31.563	19.256	55.057	19.550	15.671	16.006	49.307	19.939
717	ACCTANT (EXC CPA)	[illegible]	23.441	24.955	31.139	18.837	54.525	19.540	14.792	15.000	49.213	19.861
721	PURCHASING AGENT	25	23.360	32.760	41.280	25.280	54.160	20.880	14.840	19.560	52.480	17.640
722	RETAIL BUYER	22	23.318	24.091	40.136	23.909	57.000	21.682	17.545	20.864	51.136	18.818
723	EFFICIENCY EXPERT	111	24.928	33.378	32.784	22.108	59.748	21.468	16.748	19.378	48.126	19.937
724	ADVERTISING	40	23.400	26.175	32.725	17.175	52.325	20.925	14.650	17.650	49.900	18.950
725	PUBLIC RELATIONS	31	28.194	39.161	30.194	24.774	62.613	24.065	17.452	24.000	52.871	18.452
726	PERSONNEL ADMIN	81	24.012	30.963	33.927	21.617	55.494	19.914	16.642	20.790	49.716	18.630
727	APPRAISING, ESTIMATING	36	22.000	29.361	32.222	24.167	59.444	21.806	16.639	19.361	52.028	19.750
728	LOAN/CREDIT INVESTIG	29	23.724	35.897	30.931	21.966	46.586	18.655	14.483	22.448	50.483	20.828
730	BUS MGMT ADM (NEC)	511	25.459	31.593	34.215	21.839	58.828	21.759	16.219	19.637	50.755	19.638
731	MFG MGMT	95	26.579	32.232	35.379	22.663	61.526	21.926	17.432	19.937	49.663	19.947
732	WHSL/RET TRADE MGMT/MKTG	135	25.159	30.539	30.695	19.533	56.000	20.149	15.941	19.232	50.672	20.941
738	SUPERVISOR IN BUS	37	21.000	25.805	29.692	17.409	58.301	22.023	15.807	12.276	50.678	21.333
741	SLSCLERK	23	17.130	30.174	22.870	13.565	58.217	22.217	13.478	14.000	47.609	23.043
742	RTEMAN (MILK, LAUNDRY, ETC)	12	20.500	16.750	35.833	20.833	52.417	21.667	11.333	9.667	39.917	21.333
743	STOCKBROKER	23	28.565	34.130	35.391	23.348	47.348	19.957	15.739	18.696	51.391	18.174
745	REAL ESTATE SLSMAN	26	22.692	27.923	34.346	24.577	51.423	20.000	15.577	15.846	52.769	19.231
746	INSURANCE SLSMAN	61	23.508	29.738	32.475	18.607	59.000	20.787	14.279	18.869	52.098	19.279
747	AUTO SLSMAN	22	25.318	27.091	33.636	17.545	57.545	22.773	14.773	17.682	56.091	20.455
748	OTHER SLSMAN (NEC)	357	23.409	28.451	34.723	22.197	57.877	22.177	15.917	17.626	52.543	20.540
749	SALES MGR	73	24.384	27.781	37.945	26.877	55.836	21.342	16.301	20.466	53.877	21.397
751	BOOKKEEPER	10	19.500	29.400	32.000	22.100	58.300	23.700	12.000	20.200	57.300	19.400
755	MISC ACCT RECDG	27	21.370	30.815	42.963	22.889	60.778	25.185	15.407	14.556	52.852	20.296
758	COMPUTER OPERATOR	78	22.269	30.077	32.269	20.718	59.282	23.026	15.231	18.064	50.795	18.895
769	CLERK (MISC)	24	19.750	22.417	33.875	19.500	51.917	21.333	12.833	12.167	47.333	16.792
772	OFFICE MGR	28	23.536	27.071	22.000	15.000	55.929	21.321	13.036	15.464	51.821	21.179
789	OTHER "PUB CONT" OCCS	14	20.500	27.286	27.143	16.643	50.000	16.857	14.071	12.643	49.286	20.571
791	RADIO, TELEGR, TTY OP	14	20.357	25.286	27.857	15.500	65.286	24.143	16.857	15.143	45.143	17.429
797	MISC CLERICAL	112	23.330	30.563	33.286	19.634	58.509	21.384	14.804	13.929	48.446	19.036
798	MISC ADMINISTRATIVE	38	25.579	33.053	29.553	19.026	55.316	19.368	16.079	20.316	50.158	19.289
810	ELECTRICIAN	157	21.970	29.423	29.524	17.095	59.911	25.512	14.060	12.756	51.256	21.524
811	ELECTRONIC TECHNICIAN	212	23.891	31.741	28.665	17.019	63.526	24.759	14.476	12.991	46.774	20.656
812	APPLIANCE REPAIR	55	21.709	25.927	26.000	15.091	59.418	23.145	13.418	12.600	48.164	20.491
813	PHONE INSTALL & REPAIR	39	24.718	26.282	29.308	15.615	63.615	22.769	15.949	14.897	50.667	21.692
814	REPAIR & SERV COMP	32	24.563	31.625	36.250	23.844	65.188	28.188	15.719	15.188	46.219	20.313
820	MECHANIC (NEC)	116	20.586	25.379	29.241	17.422	61.828	25.172	12.647	12.284	47.931	21.966
821	AUTO MECHANIC	74	20.541	21.554	27.081	14.932	56.392	24.851	12.365	13.162	49.878	22.014
822	AIRPLANE MECHANIC	68	22.529	28.809	24.309	14.926	57.088	22.647	13.941	10.397	46.000	20.691
823	OFFICE MACH REPAIR	17	22.941	26.882	25.294	16.294	59.235	22.118	12.000	11.824	48.647	20.824
824	IND MACH REPAIR	21	22.381	25.143	20.000	10.190	54.000	20.476	13.000	10.095	47.524	22.714
828	MACHINIST	176	21.125	23.483	27.460	15.602	59.216	24.665	14.097	12.574	47.500	20.619
831	CABINET MAKER	13	24.154	33.923	28.462	19.000	72.846	33.462	14.154	15.923	43.846	23.538
832	CARPENTER	55	21.291	21.255	31.600	17.618	62.436	24.236	14.764	10.636	47.145	19.418
833	METAL TRADES	92	21.163	23.913	[illegible]	16.109	60.641	24.750	14.054	10.228	48.424	21.217
834	BRKLYR, MASON, PTR, RFR	62	20.097	24.984	23.081	12.226	59.742	24.242	14.484	11.226	54.629	22.468
835	PLUMBER, PIPEFTR	72	21.250	20.611	32.500	13.181	61.333	24.028	13.708	15.986	49.139	20.972
836	HEAVY EQUIP OP	47	20.468	24.383	29.426	17.234	58.787	22.894	13.957	14.957	48.234	21.149
837	MISC BLDG & CONST	71	22.789	25.986	22.507	19.831	60.394	24.380	15.296	13.239	51.268	20.944
838	MINING, QURYNG, DRLNG	16	20.750	24.125	23.813	15.375	50.188	23.188	13.250	16.250	55.813	23.250
841	PILOT	99	27.232	33.566	34.303	21.788	61.121	23.323	16.434	17.061	48.848	20.586
848	AIR TRAFFIC CONTROLLER	13	22.231	22.538	28.769	16.462	47.923	15.538	15.923	14.769	48.231	19.385
851	MERCHANT MARINE OCC	10	23.500	45.300	28.000	17.300	56.400	21.000	17.000	14.300	46.100	22.500
852	RAILROAD OCCS	10	25.300	39.700	34.800	18.600	61.900	24.700	14.200	23.500	50.400	20.700
853	AUTO, BUS, TRUCK DRVR	85	21.412	29.212	32.329	18.518	59.235	24.682	14.129	11.341	47.165	22.200
861	PRINTING TRADES	106	20.532	23.321	29.208	17.528	53.453	21.698	14.311	13.698	50.670	20.915
863	SURVEYOR	27	22.370	33.630	32.630	19.889	64.444	23.407	14.074	14.037	49.074	21.259
864	DRAFTSMAN	140	21.750	24.236	27.500	16.164	64.243	24.921	16.071	16.800	49.943	20.586
865	PHOTOGRAPHY	39	22.590	34.282	31.795	22.154	66.615	28.923	16.000	17.282	49.205	20.077
867	LANDSCAPE ARCHIT	13	26.692	25.692	30.769	18.385	64.846	27.692	15.231	14.692	47.000	21.923
868	CLTHNG & FASH TRADES	14	23.643	27.429	26.571	16.286	59.500	24.143	13.429	8.643	44.429	20.214
881	FOOD & BEVERAGE PREP	28	21.250	27.786	33.679	21.250	61.357	23.107	12.571	11.393	43.679	20.821
885	BUTCHER, MEAT CUTTER	23	23.000	28.043	26.522	15.217	55.130	21.478	15.304	10.087	50.261	20.435
891	MISC PERSONAL SERVICES	12	21.167	13.250	35.000	20.750	51.333	18.167	11.417	10.083	50.833	15.667
892	BARBER	41	19.293	25.390	32.732	18.512	60.512	21.122	14.171	16.902	49.780	19.805
893	HAIRDRESSER	15	19.667	23.933	36.000	25.733	62.467	28.533	12.467	19.200	42.600	17.867
899	GENERAL LABORER	277	21.657	26.765	30.357	17.473	57.780	23.130	14.487	13.199	49.661	20.924
	TOTAL	14123	24.550	31.274	32.257	20.122	57.952	22.082	15.171	17.002	48.322	19.546

TABLE 1.3 (continued)

#	GROUP	N	STANDARD DEVIATIONS STUDENT INFORMATION BLANK SCALES (CONTD.) SELF-PERCEP OF RDNG SKILLS	AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			P-829	F-830	P-831	F-832	P-833	F-834	F-835	[illegible]-836	F-837	F-838
559	MUSIC-RELATED (MISC)	15	5.181	22.103	13.970	10.070	17.406	6.660	4.964	17.392	13.917	5.720
575	THEATRE (OTHER)	23	7.822	22.361	19.554	16.539	21.227	11.041	6.529	11.599	15.331	9.071
578	RADIO/TV ANNOUNCER	17	9.536	26.213	20.989	16.754	19.991	10.582	4.949	11.037	17.689	7.063
579	MISC PERF ARTS	12	9.459	26.603	17.916	15.692	27.680	13.694	6.375	13.674	17.772	6.569
611	ATHLETE	12	4.351	19.541	20.249	14.469	29.210	10.132	3.084	15.762	12.295	6.027
612	PRO ATHLETICS (AUX)	15	7.203	22.556	18.822	13.066	24.979	8.733	4.731	11.234	13.049	7.453
621	RECREATION DIR	19	8.097	22.101	16.450	12.878	16.659	9.859	5.637	14.536	11.435	7.923
623	FRSTRY, HUNT, TRAP	10	6.809	19.794	13.765	10.443	26.003	11.932	4.829	13.926	10.715	5.549
631	FARM/RANCH OWNER	129	7.577	17.008	19.259	12.059	23.831	10.985	5.755	13.299	13.764	8.039
639	FARMING (OTHER)	264	7.663	17.284	22.437	15.023	19.877	10.584	5.666	12.940	14.545	7.525
640	MILITARY (RANK NOT IND)	56	7.239	22.391	19.110	14.592	23.493	11.333	4.967	15.745	15.390	6.454
641	MILITARY-ENLISTED	13	8.159	29.276	25.445	17.903	17.955	9.517	4.479	16.057	22.142	9.328
642	MILITARY-OFFICER	[illegible]	7.856	20.455	19.267	15.313	22.339	10.677	4.907	13.571	12.909	6.338
650	INTELLIGENCE-CIA, ETC.	21	8.843	20.985	23.725	14.355	19.648	9.209	4.791	12.955	14.325	7.113
661	POLICE (PUBLIC)	151	7.409	19.187	21.602	14.895	22.104	10.709	5.422	15.162	10.207	7.241
666	FIREMAN	41	7.070	19.260	19.506	14.639	23.798	11.059	5.513	14.970	11.273	6.015
669	OTHER PROTECTIVE	22	8.751	15.315	15.900	13.376	18.187	9.692	5.863	12.519	11.575	4.730
711A	BANKING & FINANCE, I	[illegible]	8.001	22.009	22.926	15.214	22.310	11.702	4.942	15.129	11.636	5.700
711B	BANKING & FINANCE, II	116	7.445	19.221	19.756	12.850	22.029	9.632	4.930	15.127	12.882	6.714
712	INVSTMNT, STOCK CONSULT	11	6.693	23.224	19.577	14.794	22.785	6.604	5.646	12.996	15.043	6.116
716	CPA	[illegible]	7.512	21.355	17.606	12.894	22.777	9.906	5.343	13.454	11.785	6.892
717	ACCTANT (EXC CPA)	[illegible]	7.745	19.904	19.617	13.729	21.927	10.231	5.507	13.139	13.159	7.066
721	PURCHASING AGENT	20	7.947	19.318	27.975	17.437	22.050	10.134	4.517	13.845	10.871	6.683
722	RETAIL BUYER	22	9.959	22.655	23.247	18.179	20.452	14.274	4.657	12.311	12.654	7.261
723	EFFICIENCY EXPERT	111	8.388	22.394	19.635	15.240	23.067	10.719	5.372	13.600	12.935	6.475
724	ADVERTISING	40	7.503	19.072	17.479	11.677	22.836	11.854	5.031	15.058	12.224	7.895
725	PUBLIC RELATIONS	11	7.530	21.997	17.431	12.839	16.590	8.974	4.979	13.674	8.047	7.598
726	PERSONNEL ADMIN	31	7.243	19.359	20.160	15.065	22.515	10.382	5.073	13.709	10.927	6.880
727	APPRAISING, ESTIMATING	36	8.414	20.429	22.266	15.791	14.299	6.973	4.250	13.701	11.241	6.077
728	LOAN/CREDIT INVESTIG	20	7.883	27.134	19.559	15.214	21.099	9.469	5.363	16.104	15.352	6.142
730	BUS MGMT ADM (NEC)	511	8.257	19.145	20.539	15.098	21.922	10.938	5.046	14.146	11.674	6.811
731	MFG MGMT	36	6.786	21.926	17.433	13.063	20.892	10.917	5.042	14.951	11.684	6.274
732	WHSL/RET TRADE MGMT/MKTG	105	7.318	21.191	17.513	13.454	21.742	10.195	5.109	13.623	10.010	6.876
738	SUPERVISOR IN BUS	87	8.568	17.369	22.539	15.385	21.439	10.638	5.259	13.215	12.419	6.403
741	SLSCLERK	23	9.132	24.199	13.732	8.397	19.521	9.890	5.517	15.619	11.559	6.086
742	RTEMAN (MILK, LAUNDRY, ETC)	1[illegible]	10.681	20.064	28.749	15.544	21.095	11.578	6.140	9.365	13.491	5.280
743	STOCKBROKER	23	7.603	16.215	20.031	12.960	22.530	10.683	6.590	14.092	12.525	5.263
745	REAL ESTATE SLSMAN	26	9.524	19.473	20.079	15.003	22.113	11.856	4.991	15.257	12.034	6.965
746	INSURANCE SLSMAN	41	8.886	20.999	19.738	11.638	23.034	10.607	5.235	13.291	11.441	6.885
747	AUTO SLSMAN	22	7.260	19.191	26.645	16.162	27.616	14.498	4.947	13.457	13.395	5.501
748	OTHER SLSMAN (NEC)	352	7.658	18.076	19.779	14.514	23.300	12.008	5.154	13.972	10.882	6.216
749	SALES MGR	73	7.027	19.561	20.273	16.946	22.919	10.596	5.120	13.109	9.727	6.582
751	BOOKKEEPER	1[illegible]	10.824	17.052	18.738	12.351	8.284	4.218	4.359	15.061	11.538	6.415
755	MISC ACCT RECDG	27	7.525	19.249	26.285	17.753	25.939	13.652	5.672	13.959	13.329	6.988
758	COMPUTER OPERATOR	73	8.130	23.512	21.872	14.672	23.744	12.586	5.222	14.547	13.835	6.690
769	CLERK (MISC)	24	8.337	19.533	21.000	16.309	24.186	17.761	4.411	12.976	14.445	7.366
772	OFFICE MGR	28	8.996	22.565	13.075	8.572	28.953	12.428	4.828	13.767	11.749	5.976
789	OTHER "PUB CONT" OCCS	14	7.842	23.332	14.373	13.703	23.978	8.619	4.682	10.624	11.935	5.402
791	RADIO, TELEGR, TTY OP	14	8.527	17.424	15.281	10.947	19.161	9.718	4.092	13.626	12.095	9.403
797	MISC CLERICAL	112	7.328	22.939	22.500	14.926	22.708	10.038	5.013	13.343	13.837	7.238
798	MISC ADMINISTRATIVE	30	6.145	20.262	18.653	14.881	23.648	10.569	5.232	15.546	13.524	7.052
810	ELECTRICIAN	168	8.079	21.019	21.203	14.759	21.773	12.227	5.592	13.935	12.603	6.680
811	ELECTRONIC TECHNICIAN	212	8.188	21.709	19.616	13.449	20.783	10.931	5.454	13.947	14.579	6.391
812	APPLIANCE REPAIR	55	7.004	20.717	19.199	12.547	21.198	9.953	5.067	13.161	16.008	5.670
813	PHONE INSTALL & REPAIR	20	7.860	21.759	19.523	13.106	18.874	8.437	5.420	13.835	12.883	6.721
814	REPAIR & SERV COMP	32	8.044	21.143	23.383	19.535	20.409	15.989	4.150	13.644	15.620	7.822
820	MECHANIC (NEC)	114	8.523	19.846	25.194	17.651	22.810	13.473	5.900	12.991	13.827	6.387
821	AUTO MECHANIC	74	7.229	19.479	22.751	13.212	24.146	13.724	6.062	13.473	14.756	6.858
822	AIRPLANE MECHANIC	68	7.755	19.750	17.833	12.636	23.236	10.190	5.945	13.047	15.989	6.859
823	OFFICE MACH REPAIR	17	8.011	.17.979	12.805	10.904	23.387	10.576	5.635	12.556	14.495	6.512
824	IND MACH REPAIR	21	9.357	21.934	15.375	9.042	24.052	11.237	7.266	15.450	16.351	6.067
828	MACHINIST	176	8.479	19.740	23.834	15.060	21.006	12.028	5.772	12.724	13.657	6.710
831	CABINET MAKER	12	9.468	27.137	21.153	12.523	22.759	15.506	5.113	19.670	12.595	6.240
832	CARPENTER	55	8.123	16.582	20.273	13.474	21.746	9.315	5.916	12.139	14.593	6.379
833	METAL TRADES	92	7.488	19.485	25.705	14.263	21.098	11.891	5.628	11.136	14.790	5.954
834	BRKLYR, MASON, PTR, RFR	52	7.370	20.143	19.754	11.237	23.176	11.979	5.714	12.707	11.238	5.691
835	PLUMBER, PIPEFTR	72	7.936	15.866	21.080	11.644	24.107	12.223	5.947	14.153	11.494	6.893
836	HEAVY EQUIP OP	47	8.340	19.267	21.169	14.385	22.935	10.789	5.749	15.789	15.202	7.154
837	MISC BLDG & CONST	71	8.210	21.055	25.864	17.203	23.871	12.415	5.650	13.563	11.896	6.920
838	MINING, QURYNG, DRLNG	16	8.331	14.742	19.233	13.961	21.377	14.630	6.403	15.799	16.630	5.916
841	PILOT	20	7.882	21.798	19.576	14.055	20.887	10.981	4.914	13.881	11.616	6.567
848	AIR TRAFFIC CONTROLLER	12	7.167	19.099	21.294	13.176	22.633	8.252	5.251	16.769	18.254	5.810
851	MERCHANT MARINE OCC	10	8.885	17.858	16.865	11.519	18.751	7.916	4.546	16.166	12.810	4.197
852	RAILROAD OCCS	1[illegible]	7.469	26.742	22.513	11.919	25.744	13.166	5.731	14.694	9.969	4.739
853	AUTO, BUS, TRUCK DRVR	95	9.370	23.311	26.906	16.452	22.597	11.618	5.746	13.809	13.726	5.954
861	PRINTING TRADES	136	7.988	17.245	20.276	14.451	24.554	12.118	6.119	14.234	12.980	6.653
863	SURVEYOR	27	8.409	20.511	21.774	15.648	24.360	12.807	6.427	13.583	8.957	7.063
864	DRAFTSMAN	140	7.933	19.663	18.197	12.293	17.649	9.988	5.107	16.069	13.019	6.623
865	PHOTOGRAPHY	39	8.261	19.319	23.938	18.493	19.788	12.899	5.140	13.909	10.408	6.615
867	LANDSCAPE ARCHIT	13	7.488	17.623	17.541	13.715	12.941	9.268	6.845	11.821	16.042	7.205
868	CLTHNG & FASH TRADES	14	8.846	19.471	21.798	14.861	26.599	14.883	5.787	10.020	14.914	6.554
881	FOOD & BEVERAGE PREP	28	8.231	21.292	24.366	17.744	24.826	11.596	6.027	10.898	14.492	7.008
885	BUTCHER, MEAT CUTTER	23	7.728	19.495	16.951	12.461	23.046	10.757	4.329	12.530	14.274	8.256
891	MISC PERSONAL SERVICES	12	6.520	10.670	30.000	18.177	23.975	12.224	3.059	13.194	13.496	9.277
892	BARBER	41	7.626	18.909	24.061	15.372	23.334	10.715	5.300	12.409	13.931	7.128
893	HAIRDRESSER	15	7.706	16.298	26.673	19.848	24.651	12.518	9.219	16.755	20.996	6.186
899	GENERAL LABORER	277	7.618	21.015	22.740	13.756	21.640	11.498	5.424	14.979	13.499	6.614
	TOTAL	14123	8.129	21.391	20.277	14.346	22.360	11.210	5.524	14.115	13.173	6.844

TABLE 1.4

MEANS AND STANDARD DEVIATIONS OF 12TH GRADE FEMALES ON 109 VARIABLES GROUPED BY OCCUPATION FIVE YEARS OUT OF HIGH SCHOOL

#	GROUP	N	MEANS										
			INFORMATION TEST I										
			SCREENING	VOCABULARY I	LITERATURE	MUSIC	SOCIAL STUDIES	MATHEMATICS	PHYSICAL SCIENCES	BIOL SCIENCES	SCIENT ATTIT	AERO & SPACE	ELECTRICITY, ELECTRONICS
			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110	R-111
000	NO ANSWER	1639	11.692	12.491	13.789	7.035	14.533	7.435	7.112	5.692	6.298	2.726	5.461
001	DON'T KNOW	252	11.668	13.706	15.500	7.805	15.943	9.878	9.020	6.231	6.691	3.095	5.897
010	HOUSEWIFE	4595	11.794	13.054	14.135	7.413	14.986	7.674	7.075	5.663	6.630	2.911	5.634
020	NO SPEC INCOME JOB	14	11.643	11.714	13.500	6.714	14.643	8.071	7.714	6.000	5.500	2.929	6.286
101	EXECUTIVE (NEC)	2	12.000	8.500	13.500	7.500	17.000	7.000	8.000	4.500	5.500	3.500	4.000
102	FOREMAN (NEC)	3	11.667	14.667	17.333	7.667	18.000	9.333	9.667	7.333	5.667	4.333	7.000
111	WORK FOR GOVT (NEC)	30	11.500	13.533	14.633	7.400	15.833	9.467	8.567	6.067	5.800	3.367	6.767
112	IN BUS FOR SELF (NEC)	18	11.722	13.833	15.611	8.389	16.667	9.333	9.056	6.556	7.444	3.222	7.444
120	IND, BUS, COMM	35	11.514	11.400	12.429	6.000	13.286	7.629	6.886	5.029	6.314	2.429	5.800
121	RETAIL (NEC)	7	12.000	15.286	17.286	10.429	18.571	8.857	9.571	6.857	6.857	3.571	6.714
122	TRANSPORTATION (NEC)	5	12.000	13.600	16.000	7.000	16.400	9.800	9.400	3.600	6.600	4.000	6.200
123	REAL ESTATE (NEC)	2	11.500	13.000	14.500	6.000	16.500	8.000	5.000	5.500	6.500	1.000	6.500
124	INSURANCE (NEC)	13	11.692	13.923	14.615	8.308	16.692	8.308	8.231	6.231	6.923	3.077	5.846
125	ELECTRONICS (NEC)	3	11.000	12.333	11.333	6.667	14.000	3.667	6.333	6.000	4.667	3.333	6.667
140	"WRK WTH PEOPLE" (NEC)	8	11.625	13.750	16.875	8.875	17.500	9.625	8.250	6.875	7.500	2.875	5.375
141	"WRK WITH CHILDR" (NEC)	14	11.286	11.143	10.786	5.643	12.643	4.643	5.857	5.143	5.429	3.643	5.143
150	RESEARCH	6	12.000	18.167	21.000	10.333	20.333	17.167	14.167	9.167	9.500	5.000	11.167
211	MATH, STAT	8	12.000	18.250	19.000	9.375	18.750	18.875	14.625	8.750	7.250	5.375	9.250
212	OTHER STATISTICS	5	12.000	19.200	20.400	10.600	19.800	21.600	15.400	9.200	8.600	4.200	10.200
221	SYSTEMS ANALYST	8	12.000	17.625	18.875	10.875	20.125	20.500	14.125	9.125	8.250	3.750	10.375
222	COMPUTER PROGRAMMER	45	11.667	16.289	17.178	9.489	19.333	14.822	11.533	7.111	7.378	3.867	7.422
229	COMPUTER SPEC (NEC)	7	12.000	19.714	19.143	10.714	20.143	18.000	12.286	9.000	7.571	4.143	8.429
231	CHEMIST	25	11.960	18.360	20.480	10.360	21.160	19.200	14.480	9.280	8.400	5.720	10.280
234	GEOLOGIST	2	12.000	19.500	20.000	11.000	22.000	17.500	13.500	9.500	8.000	6.500	9.000
241	CIVIL ENGINEER	2	12.000	17.500	19.500	10.500	21.000	19.000	17.000	8.000	7.500	5.000	10.000
245	CHEM ENGINEER	2	11.500	20.000	23.000	12.000	21.500	22.000	17.500	8.500	9.500	7.000	15.500
299	PHYS SCI, LAB TECH	23	11.783	15.304	17.522	9.217	19.130	14.348	12.130	7.652	7.000	4.000	8.348
310	BIOLOGIST, ZOOLOGIST	14	11.929	19.286	21.429	11.214	21.000	16.286	14.286	9.071	8.143	5.214	9.786
314	WLDLF/FOREST SPEC	2	12.000	20.500	22.000	10.500	21.000	22.500	17.500	10.000	8.500	10.000	13.000
315	PHARMACOLOGIST	2	12.000	19.000	17.500	8.500	19.000	16.500	13.000	6.000	6.500	6.500	11.500
316	MICROBIOLOGIST	15	11.933	19.200	20.200	10.533	20.867	17.867	14.000	7.667	7.133	4.667	9.600
317	BIOCHEMIST	7	12.000	19.000	22.000	11.000	21.429	20.857	14.286	9.000	7.714	4.857	10.571
319	OTHER CHEM SCI	8	11.625	18.250	18.625	10.250	20.125	19.375	14.375	9.000	8.125	5.250	10.000
329	MD-OTHER	19	11.947	17.842	20.947	11.000	20.737	18.895	14.105	8.053	7.737	4.474	9.211
333	VETERINARIAN	4	11.750	19.250	18.750	9.500	21.250	17.750	14.750	10.500	8.000	5.500	10.250
335	PHARMACIST	16	11.938	17.750	18.000	9.688	19.000	17.188	12.750	8.063	7.750	3.813	8.938
337	RN	723	11.899	15.925	17.394	8.997	18.148	12.771	11.135	7.113	7.309	3.514	7.265
341	DENTAL HYGIENIST	28	11.893	15.357	17.893	8.964	17.179	12.250	10.250	7.000	7.214	3.321	6.179
343	PHYS THERAPIST	16	11.938	16.250	17.125	9.188	19.063	14.813	11.750	7.438	7.688	3.375	7.938
344	OCCUP THERAPIST	13	11.769	16.846	18.385	10.308	17.923	14.692	12.000	7.308	7.615	3.692	7.538
346	SPEC THERAPIST (MISC)	19	11.789	15.789	16.474	9.421	17.316	11.842	9.421	6.579	7.053	2.579	5.895
347	MED/DENT TECHNOL	101	11.891	16.168	17.931	9.337	19.069	14.663	12.178	7.436	7.485	3.941	8.178
348	MED/DENT TECHNICIAN	134	11.746	13.612	15.000	7.828	15.746	9.261	8.306	6.351	6.709	3.254	6.351
360	PSYCHOLOGIST	37	11.757	16.919	19.541	9.784	19.270	16.405	12.027	7.541	7.730	4.027	7.757
369	PSYCH RES ASST	2	12.000	18.500	21.500	10.000	21.500	13.500	13.500	7.500	7.000	4.500	7.000
370	SOCIAL WORKER	190	11.774	15.658	17.721	9.200	18.179	12.605	10.174	6.916	7.368	3.300	6.353
371	PSYCHIATRIC SOC WRKR	18	11.944	16.556	19.056	9.833	19.278	14.167	11.556	7.222	7.611	3.667	6.722
372	COUNSELING/GUIDANCE	16	11.938	17.125	20.188	9.625	19.125	14.813	11.625	7.125	7.750	4.250	7.375
373	VOC/ED GUIDANCE	32	11.969	16.781	19.156	9.688	18.625	15.156	11.125	7.594	7.750	4.188	7.625
382	ECONOMIST*	4	12.000	19.000	20.750	10.750	22.000	18.500	14.000	7.250	8.500	4.000	8.250
383	SOCIOLOGIST	2	11.500	19.000	21.000	11.500	21.500	15.000	11.000	6.500	8.000	3.500	6.500
384	ANTHROPOLOGIST	5	11.800	19.000	21.400	11.800	20.400	16.800	13.200	9.600	8.400	7.200	11.000
389	SOCIAL SCI (MISC)	7	11.857	17.714	21.714	11.143	22.143	15.143	11.857	8.429	7.714	3.714	7.857
391	POLITICIAN	2	12.000	17.500	22.000	10.500	22.000	13.000	12.500	7.000	9.000	5.000	8.000
392	DIPLOMAT	8	12.000	17.625	20.875	10.625	21.000	15.750	13.000	8.375	8.250	4.500	9.000
393	LAWYER	13	11.769	17.000	18.846	10.154	20.385	14.385	10.154	7.308	7.154	3.385	4.846
397	PUBLIC ADM (NEC)	2	12.000	17.000	20.500	11.000	22.000	15.000	11.500	8.000	8.000	3.500	5.000
400	TEACHER (NEC)	1194	11.858	15.595	17.312	9.155	18.199	13.088	10.137	6.967	7.306	3.294	6.646
410	TCHNG YNG CHILDR	7	11.857	17.000	17.571	9.714	19.714	15.429	11.571	6.714	6.857	2.714	5.857
411	TCHNG PRESCH CHILDR	37	11.892	15.730	16.622	9.135	19.027	13.162	9.973	7.432	7.514	3.351	6.649
412	TEACHER-ELEM	752	11.876	15.202	16.900	9.070	17.791	12.140	9.676	6.734	7.199	3.033	6.508
420	TEACHER-HS (NEC)	89	11.888	16.315	18.360	9.584	19.236	14.000	11.247	7.506	7.528	3.337	6.742
421	TEACHER-HS MATH	62	11.887	17.210	18.016	9.435	19.419	18.887	12.726	7.306	7.710	3.726	8.774
422	TEACHER-HS SCI	41	11.854	16.854	18.659	10.000	19.659	15.195	12.829	7.878	7.780	4.268	8.634
423	TEACHER-HS SOC ST	68	11.926	16.324	19.471	9.897	20.162	13.059	10.706	7.074	7.368	3.574	6.397
424	TEACHER-ENGLISH	150	11.920	16.447	18.647	9.507	19.380	13.580	11.020	7.360	7.813	3.567	6.753
425	TEACHER-FOREIGN LANG	58	11.828	17.379	19.362	9.759	19.724	15.776	11.828	7.414	7.638	3.379	6.948
426	TEACHER-COMM ED	50	11.880	14.700	14.940	7.920	16.520	9.960	8.840	6.560	7.220	2.740	6.260
427	TEACHER-HS HOME EC	63	11.873	15.063	15.302	8.032	16.952	11.524	10.349	6.857	6.968	3.048	7.079
428	TEACHER-TRADES	2	12.000	14.000	12.000	9.000	16.000	7.500	7.000	5.000	6.500	5.000	7.000
429	TEACHER-PHYS ED	44	11.909	14.523	15.364	8.705	16.750	10.386	9.818	6.000	6.750	3.636	6.205
431	TEACHER-ART	51	11.882	16.333	18.627	9.824	19.020	13.020	10.333	7.431	7.784	3.510	6.431
432	TEACHER-MUSIC	59	11.914	15.966	17.329	10.966	18.431	12.897	10.724	7.414	7.638	3.397	7.345
433	TEACHER-SPEECH	4	11.500	17.250	20.000	9.500	21.750	17.250	14.250	8.250	8.000	4.750	9.500
440	TEACHER-HANDICAPPED	60	11.900	15.717	17.600	9.267	18.033	12.933	10.117	7.050	7.450	3.217	6.700
441	SPEECH THERAPIST	40	11.900	16.675	18.925	10.000	19.275	13.950	10.750	7.025	7.750	2.925	6.525
450	SCH ADM (EXC COLL)	9	11.778	15.556	18.444	9.889	18.111	12.111	10.444	7.889	7.111	3.333	6.111
460	COLL/UNIV TCHR (NEC)	90	11.811	17.289	19.144	10.378	19.856	15.000	11.756	7.767	7.733	3.922	8.011
461	COLL/UNIV TCHR-MATH	8	11.875	17.250	19.875	10.375	20.750	19.875	13.500	8.375	7.875	6.250	10.000
462	COLL/UNIV TCHR-SCI	20	11.950	18.800	21.600	10.300	21.650	19.250	15.250	8.900	9.150	5.550	9.550
463	COLL/UNIV TCHR-SOC SCI	25	11.880	18.520	21.400	10.800	21.880	18.080	14.240	8.840	9.560	5.200	9.680
464	COLL/UNIV TCHR-ENGLISH	49	11.898	19.143	21.306	10.918	21.102	17.245	13.633	8.429	8.388	5.265	9.061
465	COLL/UNIV TCHR-FOR LANG	21	11.952	17.524	21.000	10.810	20.810	17.524	12.429	8.571	9.286	4.048	7.714
470	COLL/UNIV TCHR-ADM	2	11.500	16.500	20.000	9.500	22.500	18.000	15.000	9.500	9.000	4.000	9.500
511	LIBRARIAN	54	11.907	16.926	18.685	9.833	20.333	15.315	11.778	7.500	7.333	3.389	7.500
521	CLERGYMAN	8	11.875	14.625	16.250	8.750	18.125	10.375	8.750	6.000	7.375	2.375	5.875
522	MONK, BROTHER, NUN	46	11.804	15.957	18.500	8.891	19.522	14.174	10.826	6.109	7.630	3.500	7.261
523	RELIG WRKR (OTHER)	36	11.833	15.056	16.639	7.972	17.722	10.111	9.167	6.056	7.000	3.222	5.556
531	WRITER (NEC)	31	11.871	16.935	18.645	9.806	19.387	12.774	11.839	7.935	7.129	3.645	7.161
532	FICTION WRITER	3	11.000	16.333	18.000	8.667	16.000	15.667	13.000	9.333	7.667	5.333	9.667
533	NONFIC WRTR (EXC JRNLST)	5	11.400	15.400	16.400	8.400	17.600	13.400	10.800	6.400	[illegible]	4.400	6.200

TABLE 1.4 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST I										
			SCREENING	VOCABULARY I	LITERATURE	MUSIC	SOCIAL STUDIES	MATHEMATICS	PHYSICAL SCIENCES	BIOL SCIENCES	SCIENT ATTIT	AERO & SPACE	ELECTRICITY, ELECTRONICS
			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110	R-111
000	NO ANSWER	1639	0.779	4.157	4.754	2.992	4.999	5.017	3.919	2.301	1.927	1.716	2.797
001	DON'T KNOW	262	1.036	4.465	5.182	3.054	5.326	6.521	4.396	2.370	1.971	1.932	2.965
010	HOUSEWIFE	4535	0.611	3.631	4.223	2.713	4.402	4.909	3.709	2.197	1.694	1.675	2.656
020	NO SPEC INCOME JOB	14	1.082	4.393	4.433	3.049	5.679	5.797	4.286	2.602	1.951	2.093	2.301
101	EXECUTIVE (NEC)	2	0.0	2.121	0.707	0.707	4.243	4.243	4.243	3.536	2.121	0.707	1.414
102	FOREMAN (NEC)	3	0.577	4.933	1.528	3.055	7.000	8.386	4.933	4.619	1.155	2.082	3.000
111	WORK FOR GOVT (NEC)	30	1.042	4.424	5.321	2.978	5.553	7.050	4.939	2.227	2.398	2.076	3.569
112	IN BUS FOR SELF (NEC)	19	0.575	3.915	3.328	2.660	4.511	5.921	4.684	2.617	1.854	1.957	4.105
120	IND, BUS, COMM	35	0.951	4.803	4.572	3.718	5.864	5.510	4.371	2.503	2.097	1.685	2.929
121	RETAIL (NEC)	7	0.0	2.752	4.309	2.573	4.721	4.259	3.457	1.773	1.069	2.370	1.254
122	TRANSPORTATION (NEC)	5	0.0	2.881	3.742	2.345	4.336	3.114	2.702	2.608	1.517	1.414	0.837
123	REAL ESTATE (NEC)	2	0.707	5.657	6.364	2.828	2.121	5.657	1.414	3.536	2.121	0.0	0.707
124	INSURANCE (NEC)	12	1.109	4.232	4.976	2.840	5.073	5.154	4.265	2.920	1.935	2.253	3.436
125	ELECTRONICS (NEC)	3	1.000	2.887	6.658	2.082	3.000	3.512	4.163	3.000	1.528	2.309	0.577
140	"WRK WTH PEOPLE" (NEC)	9	0.518	3.576	3.603	2.295	6.211	6.301	3.882	2.031	1.309	1.458	3.204
141	"WRK WITH CHILDR" (NEC)	14	1.139	3.159	4.191	3.365	5.286	4.012	2.931	1.460	1.555	1.598	2.248
150	RESEARCH	6	0.0	2.229	1.789	1.633	2.066	5.742	4.875	1.941	1.049	2.757	3.430
211	MATH, STAT	9	0.0	3.012	4.957	2.326	5.574	5.866	3.021	1.832	2.121	1.996	4.743
212	OTHER STATISTICS	5	0.0	1.304	3.578	1.673	1.643	1.140	1.342	1.095	1.673	1.789	2.588
221	SYSTEMS ANALYST	9	0.0	2.774	3.682	1.642	2.696	2.777	4.086	1.959	1.581	3.059	5.630
222	COMPUTER PROGRAMMER	45	0.739	3.238	4.318	2.817	4.095	7.066	4.197	1.837	1.992	2.370	4.256
229	COMPUTER SPEC (NEC)	7	0.0	1.113	2.968	1.604	1.952	4.761	3.450	1.291	1.134	1.574	4.467
231	CHEMIST	25	0.200	1.999	2.452	2.018	2.267	3.730	3.513	1.542	1.190	2.246	3.285
234	GEOLOGIST	2	0.0	2.121	4.243	0.0	1.414	0.707	2.121	0.707	2.828	0.707	5.657
241	CIVIL ENGINEER	2	0.0	3.536	2.121	0.707	2.828	2.828	0.0	0.0	0.707	2.828	5.657
245	CHEM ENGINEER	2	0.707	1.414	1.414	0.0	3.536	0.0	0.707	0.707	0.707	1.414	3.536
299	PHYS SCI, LAB TECH	23	0.518	3.783	4.879	2.662	3.494	6.264	3.969	2.102	1.679	2.256	4.619
310	BIOLOGIST, ZOOLOGIST	14	0.267	1.939	1.910	1.122	2.321	3.730	2.555	1.900	1.099	1.968	3.401
314	WLDLF/FOREST SPEC	2	0.0	0.707	0.0	2.121	1.414	0.707	0.707	1.414	0.707	0.0	2.828
315	PHARMACOLOGIST	2	0.0	1.414	2.121	2.121	2.828	0.707	0.0	1.414	0.707	0.707	2.121
316	MICROBIOLOGIST	15	0.258	2.651	3.005	1.060	1.995	3.852	1.964	2.024	1.407	1.759	2.640
317	BIOCHEMIST	7	0.0	1.826	1.414	1.291	2.440	3.338	1.799	1.291	1.604	2.116	3.994
319	OTHER CHEM SCI	9	0.519	2.435	3.335	2.121	3.563	3.777	2.973	1.414	1.727	2.315	3.505
329	MD-OTHER	19	0.229	2.089	1.615	1.856	3.124	3.680	2.807	2.392	1.147	1.744	3.029
333	VETERINARIAN	4	0.500	2.872	3.594	2.517	1.708	2.363	1.500	0.577	1.633	1.291	3.304
335	PHARMACIST	16	0.250	2.145	3.055	1.887	2.338	2.373	2.646	1.731	1.000	2.316	4.611
337	RN	702	0.420	2.703	3.700	2.375	3.663	4.602	3.345	1.870	1.482	1.932	3.069
341	DENTAL HYGIENIST	29	0.315	2.984	3.542	2.168	4.110	3.449	3.329	1.656	1.397	1.887	2.695
343	PHYS THERAPIST	16	0.250	2.955	3.997	2.613	2.323	5.089	3.317	2.112	1.401	1.628	3.785
344	OCCUP THERAPIST	12	0.439	2.115	3.280	1.377	3.926	5.978	3.440	2.323	1.261	2.323	2.933
346	SPEC THERAPIST (MISC)	10	0.419	1.903	3.702	2.388	3.433	5.984	3.437	2.673	1.682	1.305	2.979
347	MED/DENT TECHNOL	101	0.313	2.669	3.628	2.155	3.385	5.064	3.531	1.957	1.404	2.009	3.195
348	MED/DENT TECHNICIAN	124	0.470	3.569	4.089	2.614	4.552	5.264	4.017	2.259	1.716	1.914	2.972
360	PSYCHOLOGIST	27	0.760	2.487	3.648	1.974	3.611	4.729	3.563	2.022	1.592	2.339	3.022
369	PSYCH RES ASST	2	0.0	0.707	0.707	1.414	2.121	3.536	0.707	2.121	0.0	2.121	4.243
370	SOCIAL WORKER	120	0.614	3.392	3.853	2.558	3.996	5.264	3.795	2.166	1.537	1.863	3.116
371	PSYCHIATRIC SOC WRKR	18	0.236	3.185	3.489	2.503	3.643	4.6[illegible]	3.601	1.927	1.501	2.425	3.545
372	COUNSELING/GUIDANCE	16	0.250	2.604	2.934	2.187	4.048	4.736	3.222	2.094	0.931	1.880	3.862
373	VOC/ED GUIDANCE	32	0.177	2.524	3.566	2.250	3.722	4.959	3.833	1.775	1.164	1.891	3.499
382	ECONOMIST	4	0.0	1.414	2.630	2.062	2.160	1.732	3.559	2.062	0.577	1.414	0.957
383	SOCIOLOGIST	2	0.707	0.0	4.243	0.707	3.536	1.414	1.414	0.707	1.414	0.707	2.121
384	ANTHROPOLOGIST	5	0.447	1.000	1.949	1.095	1.817	6.221	5.450	1.140	1.517	1.414	4.243
389	SOCIAL SCI (MISC)	7	0.378	1.976	2.059	0.690	1.345	4.562	2.340	1.134	0.756	2.360	5.210
391	POLITICIAN	2	0.0	2.121	2.828	0.707	1.414	7.071	2.121	1.414	0.0	1.414	1.414
392	DIPLOMAT	9	0.0	2.134	1.808	1.685	2.507	3.955	3.742	0.916	1.165	2.507	4.408
393	LAWYER	13	0.439	2.828	3.363	1.994	2.468	4.073	3.783	2.529	1.573	1.660	2.304
397	PUBLIC ADM (NEC)	2	0.0	0.0	0.707	1.414	0.0	5.657	3.536	1.414	0.0	0.707	2.828
400	TEACHER (NEC)	1104	0.466	3.111	3.854	2.389	3.845	5.113	3.725	2.061	1.585	1.908	3.124
410	TCHNG YNG CHILDR	7	0.378	1.633	4.504	2.690	3.817	3.735	3.780	1.704	1.574	2.690	3.805
411	TCHNG PRESCH CHILDR	27	0.393	2.578	4.071	2.647	3.700	4.856	3.337	2.049	1.609	1.567	2.690
412	TEACHER-ELEM	752	0.412	3.034	3.837	2.403	3.934	4.915	3.684	2.034	1.586	1.765	3.044
420	TEACHER-HS (NEC)	23	0.318	2.631	3.385	1.959	3.358	5.176	3.478	1.853	1.349	1.895	2.786
421	TEACHER-HS MATH	62	0.319	2.747	3.555	2.185	3.687	3.640	3.074	1.930	1.519	2.082	3.206
422	TEACHER-HS SCI	41	0.422	2.707	3.766	2.302	2.980	5.046	3.619	2.112	1.620	2.225	4.414
423	TEACHER-HS SOC ST	69	0.263	2.617	3.174	1.909	3.055	4.623	3.936	2.047	1.445	1.879	3.134
424	TEACHER-ENGLISH	150	0.506	2.818	3.778	2.234	3.483	5.546	3.732	2.018	1.425	1.909	3.458
425	TEACHER-FOREIGN LANG	53	0.534	2.567	3.562	1.931	3.205	4.325	3.223	1.938	1.321	1.765	3.137
426	TEACHER-COMM ED	50	0.328	2.794	3.401	2.406	3.786	4.915	3.260	2.120	1.314	1.688	2.514
427	TEACHER-HS HOME EC	43	0.492	3.105	3.753	2.639	3.854	5.300	3.772	2.249	1.379	1.782	2.542
428	TEACHER-TRADES	2	0.0	1.414	0.0	1.414	1.414	6.364	4.243	0.0	0.707	2.828	5.657
429	TEACHER-PHYS ED	44	0.291	3.061	4.001	2.417	3.942	4.876	3.925	1.917	1.754	1.844	2.664
431	TEACHER-ART	51	0.325	2.783	3.237	2.151	2.753	4.589	3.116	2.090	1.301	1.377	2.435
432	TEACHER-MUSIC	58	0.283	3.157	4.080	2.069	4.492	5.908	4.073	2.217	1.619	1.796	3.532
433	TEACHER-SPEECH	4	0.577	0.957	1.414	1.915	1.708	4.113	2.217	0.957	1.414	3.202	3.697
440	TEACHER-HANDICAPPED	60	0.354	3.009	3.756	2.224	3.795	5.301	3.268	1.854	1.419	1.637	2.702
441	SPEECH THERAPIST	40	0.304	2.080	3.108	1.987	3.588	4.961	3.295	1.915	1.446	1.700	3.094
450	SCH ADM (EXC COLL)	9	0.441	2.920	2.744	2.028	2.977	3.655	3.395	1.537	1.269	1.732	3.018
460	COLL/UNIV TCHR (NEC)	90	0.652	2.260	3.146	1.870	3.293	4.862	3.670	1.896	1.571	2.132	3.577
461	COLL/UNIV TCHR-MATH	8	0.354	2.866	3.091	2.669	2.866	3.044	2.777	1.923	1.246	1.832	3.703
462	COLL/UNIV TCHR-SCI	20	0.224	1.999	2.722	2.364	2.681	2.954	2.124	1.252	1.785	2.259	4.310
463	COLL/UNIV TCHR-SOC SCI	25	0.332	2.383	3.136	1.443	2.587	4.890	3.270	1.841	1.387	2.449	3.805
464	COLL/UNIV TCHR-ENGLISH	49	0.421	2.492	2.640	2.050	2.604	4.289	2.928	1.607	1.115	2.196	3.485
465	COLL/UNIV TCHR-FOR LANG	21	0.218	2.502	2.588	1.327	2.316	4.020	2.942	1.502	1.309	1.532	3.823
470	COLL/UNIV TCHR-ADM	2	0.707	0.707	2.828	3.536	0.707	2.828	1.414	0.707	2.828	0.0	4.950
511	LIBRARIAN	54	0.293	2.135	3.889	1.820	2.449	4.290	2.731	1.756	1.590	1.785	3.202
521	CLERGYMAN	8	0.354	3.777	4.496	2.550	4.257	7.463	4.683	2.000	1.847	1.506	3.441
522	MONK, BROTHER, NUN	46	0.542	2.773	3.619	2.302	3.068	5.434	3.720	2.173	1.525	1.798	5.207
523	RELIG WRKR (OTHER)	35	0.697	3.233	4.764	2.873	4.527	5.507	3.574	1.999	1.621	1.692	2.348
531	WRITER (NEC)	21	0.428	2.250	3.460	2.024	3.451	5.408	3.588	2.190	1.335	2.026	3.184
532	FICTION WRITER	3	1.732	4.619	4.583	4.509	9.165	9.238	5.196	2.517	3.215	2.517	4.933
533	NONFIC WRTR (EXC JRNLST)	5	0.894	4.159	4.669	2.881	4.393	7.635	5.070	2.588	0.707	2.302	5.495

TABLE 1.4 (continued)

#	GROUP	N	MEANS INFORMATION TEST I SCREENING R-101	VOCABULARY I R-102	LITERATURE R-103	MUSIC R-104	SOCIAL STUDIES R-105	MATHEMATICS R-106	PHYSICAL SCIENCES R-107	BIOL SCIENCES R-108	SCIENT ATTIT R-109	AERO & SPACE R-110	ELECTRICITY, ELECTRONICS R-111
534	JRNLST/RPRTER	20	11.900	16.600	18.300	10.250	18.950	13.300	10.150	6.750	8.100	2.850	6.700
536	PUBLISHER, ETC.	5	12.000	14.400	19.000	9.200	19.200	11.400	9.200	7.800	8.200	3.200	5.400
537	EDITOR	8	11.875	17.250	19.750	10.625	18.500	17.625	11.875	7.125	6.750	4.125	8.500
539	TRNSLTR, INTRPRTR, LINGST	9	11.889	17.556	19.556	9.333	20.333	15.889	13.111	8.556	7.889	5.111	7.111
541	FINE ARTS	31	11.742	15.419	17.161	9.000	17.097	11.710	10.032	7.290	7.258	3.710	6.258
545	COMM ARTIST	41	11.829	14.488	16.317	8.195	16.585	9.659	8.024	6.951	7.488	3.512	6.341
547	DESIGNER (CONS GDS)	5	11.800	16.600	18.800	9.600	18.200	16.400	12.200	7.000	7.400	3.400	10.000
551	MUSICIAN	11	11.909	16.364	17.364	11.636	19.182	15.000	11.091	8.273	7.909	3.455	7.091
552	SINGER	5	11.200	12.800	14.600	9.200	14.800	7.600	7.000	4.400	5.600	2.800	6.600
559	MUSIC-REL (MISC)	9	12.000	15.778	18.889	11.111	17.000	12.000	10.222	7.556	7.556	4.778	7.667
560	DANCER, CHOREOG	14	11.786	14.714	17.357	9.643	16.786	10.857	8.357	6.214	6.929	3.000	6.429
571	ACTOR	6	12.000	15.333	21.167	10.667	18.333	10.500	9.500	7.667	7.667	2.833	5.333
575	THEATRE ((OTHER)	14	11.929	16.143	19.929	10.929	17.929	13.214	10.857	6.857	7.500	4.143	7.643
579	MISC PERF ARTS	3	12.000	14.667	17.333	8.667	17.333	9.667	9.333	3.667	7.000	3.667	8.333
581	MODEL	4	11.750	12.500	16.500	7.500	15.500	8.000	6.500	5.000	6.750	1.250	4.000
621	RECREATION DIR	12	11.833	16.667	17.833	9.250	17.833	12.250	10.750	7.333	7.417	3.583	7.250
622	CMPNG, SCTNG, PRK GD	3	11.333	19.000	21.000	11.000	20.333	12.333	14.333	8.333	7.000	5.333	10.000
639	FARMING (OTHER)	6	11.833	13.833	14.333	6.167	16.667	9.000	7.333	5.667	6.667	2.500	7.000
711A	BANKING & FINANCE, I	30	11.667	12.433	13.400	6.967	14.467	7.233	6.533	5.467	5.700	2.833	5.033
711B	BANKING & FINANCE, II	4	11.750	17.250	19.000	9.750	20.500	13.250	10.750	8.500	8.500	2.500	9.250
712	INVSTMNT, STOCK CONSULT	2	12.000	15.500	15.500	8.000	17.000	10.500	8.000	5.500	5.500	4.500	9.500
716	CPA	25	11.760	14.560	15.720	8.240	17.480	10.480	7.520	6.560	5.960	3.120	6.200
717	ACCTANT (EXC CPA)	50	11.640	13.220	14.120	7.540	16.120	9.120	7.700	5.780	6.220	2.600	6.040
721	PURCHASING AGENT	4	11.250	11.250	11.250	6.250	15.000	6.250	7.250	6.250	5.000	2.750	6.000
722	RETAIL BUYER	24	12.000	14.583	15.708	8.333	17.750	10.333	8.708	5.958	6.875	2.917	5.875
724	ADVERTISING	32	11.813	15.844	18.375	9.344	17.250	10.969	9.406	6.719	7.594	2.719	6.063
725	PUBLIC RELATIONS	16	11.813	15.688	17.125	9.250	16.813	10.688	9.375	6.500	7.063	4.313	7.500
726	PERSONNEL ADMIN	25	11.920	17.280	18.480	9.640	19.280	15.000	11.560	7.240	7.640	3.680	7.320
727	APPRAISING, ESTIMATING	13	11.769	13.538	15.231	8.615	17.846	8.846	6.538	6.308	7.308	2.769	6.231
728	LOAN/CREDIT INVESTIG	11	11.909	13.818	15.545	8.727	15.636	7.909	9.000	6.364	6.636	3.182	6.636
730	BUS MGMT ADM (NEC)	19	11.842	11.632	13.000	7.316	14.684	8.789	6.579	5.789	5.895	2.789	5.842
732	WHSL/RET TRADE MGMT/MKTG	12	11.917	14.750	15.250	9.083	17.167	13.583	9.917	6.000	7.000	4.083	7.833
738	SUPERVISOR IN BUS	8	11.875	12.750	14.125	8.250	16.250	9.250	9.625	6.625	7.375	2.750	6.250
741	SALESCLERK	34	11.676	10.147	11.029	6.971	12.412	4.588	5.088	3.941	5.853	1.882	5.324
743	STOCKBROKER	4	12.000	16.750	18.500	8.500	19.250	16.750	10.250	8.500	8.250	4.250	8.500
745	REAL ESTATE SLSMAN	6	11.667	15.000	16.333	8.833	17.000	10.500	7.833	6.833	7.167	2.833	5.667
746	INSURANCE SLSMAN	5	11.800	14.200	15.000	8.400	17.200	7.800	8.200	6.000	6.200	4.200	6.800
748	OTHER SLSMAN (NEC)	13	12.000	14.846	15.231	8.462	16.769	10.462	7.692	6.769	6.923	2.769	5.923
749	SALES MGR	2	12.000	14.500	16.500	9.000	16.500	8.500	9.500	7.000	7.500	4.000	7.500
751	BOOKKEEPER	131	11.786	12.392	13.580	7.015	14.550	6.901	6.947	5.748	6.328	2.664	5.466
752	TELLER OR BANK CLRK	37	11.811	12.459	13.459	6.676	14.486	6.703	6.838	5.081	6.270	2.486	5.270
753	CASHIER	17	11.882	12.000	11.941	7.588	13.176	6.118	6.118	4.588	5.647	2.118	6.471
755	MISC ACCT RECDG	64	11.672	13.031	14.609	7.500	15.141	8.547	7.422	5.719	6.641	3.156	5.781
756	KEYPUNCH OP	83	11.723	11.928	13.000	6.639	14.072	5.494	6.639	5.084	6.325	2.699	4.410
757	KEYPUNCH INSTRUC	4	11.750	9.250	11.250	5.500	14.750	5.000	6.250	4.000	6.500	1.750	4.500
758	COMPUTER OP	65	11.738	12.415	13.292	6.585	14.615	7.338	6.477	5.338	5.985	3.062	6.000
761	SECRETARY (NEC)	907	11.804	13.384	14.521	7.648	15.582	7.373	6.998	5.803	6.662	2.804	5.550
762	SECRETARY-BOOKKEEPER	23	11.217	12.043	13.087	6.957	14.739	7.435	6.609	5.130	6.522	2.609	5.957
763	MED/DENT SECRETARY	47	11.787	13.681	15.170	8.000	15.468	7.532	7.830	5.851	6.553	2.532	5.191
764	LEGAL SECRETARY	61	11.885	12.951	14.475	7.557	15.852	7.262	6.869	5.934	7.148	2.574	5.607
765	STENO, CRT RPRTR	69	11.768	12.130	13.000	6.913	13.435	6.246	6.145	5.391	6.362	2.449	5.087
766	TYPIST, CLERK TYPIST	103	11.728	11.903	13.058	6.573	13.883	6.534	6.456	5.107	5.816	2.961	5.194
768	PROOFREADER	2	11.000	12.000	14.000	5.500	16.500	5.500	9.000	3.000	4.000	1.500	2.000
769	CLERK (MISC)	137	11.642	11.745	12.416	6.328	13.920	6.299	5.920	5.496	6.219	2.511	5.212
771	OFFICE SUPERVISOR	14	11.786	13.214	13.214	6.429	14.286	6.571	7.071	6.286	6.857	2.929	5.786
772	OFFICE MGR	5	11.800	13.200	15.800	9.600	18.200	7.600	9.200	5.600	7.400	3.600	8.200
781	PHONE, PBX OP	45	11.733	11.533	12.644	6.533	13.156	6.133	6.356	5.267	5.711	2.556	5.044
789	OTHER "PUB CONT" OCCS	58	11.707	13.121	14.155	7.224	15.310	7.259	6.655	5.793	6.500	3.034	5.845
791	RADIO, TELEGR, TTY OP	4	11.000	9.500	10.250	5.000	8.000	5.500	5.750	4.500	5.750	1.750	4.250
797	MISC CLERICAL	12	11.583	11.083	12.333	7.000	12.917	4.917	5.333	5.000	5.917	3.083	2.674
798	MISC ADMINISTRATIVE	17	11.765	16.118	18.059	9.118	17.824	11.529	9.353	7.471	7.647	3.882	3.124
833	METAL TRADES	2	12.000	12.000	16.000	3.500	13.500	6.000	3.500	4.500	6.500	2.000	0.707
861	PRINTING TRADES	6	11.833	15.167	13.833	9.167	16.500	7.500	8.167	7.000	7.667	4.167	2.714
864	DRAFTSMAN	4	12.000	16.750	19.500	9.500	19.500	13.250	10.000	8.250	8.000	3.250	2.160
865	PHOTOGRAPHY	4	11.500	15.750	17.750	9.500	16.000	8.750	10.750	6.750	6.000	4.250	2.449
866	INTERIOR DECORATOR	21	11.905	15.143	15.667	8.476	17.476	9.952	9.571	7.190	7.000	3.048	3.918
867	LANDSCAPE ARCHIT	2	12.000	18.500	16.000	11.000	18.500	14.000	6.500	6.500	7.500	1.500	0.0
868	CLTHNG & FASH TRADES	50	11.600	11.300	12.340	5.960	13.900	7.260	6.600	5.820	6.100	2.520	2.585
871	DIETITIAN	22	11.818	15.682	17.455	9.909	17.909	14.045	12.318	7.545	7.000	3.818	4.006
872	HOME ECONOMIST	30	11.833	16.133	16.300	8.400	18.167	12.833	10.633	7.333	7.533	3.100	2.706
873	AIRLN STEWRD, STEWRDESS	13	11.923	13.846	14.692	8.538	16.077	7.462	7.077	5.692	7.231	3.077	2.725
881	FOOD & BEVERAGE PREP	5	10.800	7.400	10.400	5.600	10.600	3.800	5.600	4.400	3.800	2.200	2.280
891	MISC PERSONAL SERV	28	11.786	11.679	13.500	6.357	14.357	5.679	5.821	5.393	5.857	2.429	1.912
893	HAIRDRESSER	136	11.735	10.959	11.939	6.296	12.903	5.362	5.735	5.163	5.974	2.179	2.233
894	PRACTICAL NURSE	118	11.559	12.042	12.949	5.390	13.856	6.814	7.322	5.754	5.992	2.729	2.732
895	NURSES' AIDE	23	11.652	13.261	14.522	7.391	15.826	8.870	8.652	6.391	6.261	3.739	2.322
896	DOMESTIC SERVICE	4	11.750	12.250	12.750	7.500	14.000	6.250	7.750	7.000	6.000	3.250	2.062
899	GENERAL LABORER	76	11.566	9.671	11.447	5.224	12.434	5.250	5.461	4.618	5.447	2.211	2.524
	TOTAL		11.793	13.910	15.261	7.974	16.121	9.538	8.301	6.176	6.315	3.224	2.996

TABLE 1.4 (continued)

STANDARD DEVIATIONS

INFORMATION TEST I

#	GROUP	N	SCREENING	VOCABULARY I	LITERATURE	MUSIC	SOCIAL STUDIES	MATHEMATICS	PHYSICAL SCIENCES	BIOL SCIENCES	SCIENT ATTIT	AERO & SPACE	ELECTRICITY, ELECTRONICS
			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110	R-111
534	JRNLST/RPRTER	20	0.308	2.854	3.715	2.124	4.136	5.192	3.977	1.410	1.210	2.183	4.143
536	PUBLISHER, ETC.	5	0.0	4.219	2.739	2.387	3.033	9.204	5.450	2.950	1.304	1.304	1.140
537	EDITOR	8	0.354	2.375	3.284	1.768	4.567	4.069	3.758	1.356	2.121	2.357	4.899
539	TRNSLTR, INTRPRTR, LINGST	9	0.333	2.506	3.972	2.345	2.828	5.988	3.799	2.068	1.616	1.965	3.444
541	FINE ARTS	21	0.930	4.372	5.145	3.152	4.929	6.251	3.746	2.597	1.712	2.116	3.235
545	COMM ARTIST	41	0.495	3.241	3.650	2.571	3.647	5.033	3.313	2.109	1.416	1.886	3.206
547	DESIGNER (CONS GDS)	5	0.447	1.673	2.168	1.517	4.324	6.731	4.207	2.449	1.817	2.966	3.606
551	MUSICIAN	11	0.302	3.295	4.864	1.120	4.045	4.336	4.230	1.679	1.300	2.162	3.646
552	SINGER	5	1.789	4.147	6.878	3.347	7.259	5.413	2.345	1.949	1.342	1.643	3.715
559	MUSIC-REL (MISC)	[illegible]	0.0	3.420	3.444	1.269	4.899	6.384	5.310	3.206	0.726	2.635	3.937
560	DANCER, CHOREOG	14	0.579	3.872	5.048	1.781	4.995	5.789	4.634	2.577	2.093	1.797	3.837
571	ACTOR	4	0.0	3.204	2.137	2.251	3.559	6.979	4.461	2.066	1.633	1.722	2.733
575	THEATRE ((OTHER)	14	0.267	2.958	3.407	1.730	4.565	4.742	3.860	2.179	1.829	2.033	3.713
579	MISC PERF ARTS	3	0.0	2.517	5.508	1.528	5.033	4.029	4.726	0.577	1.000	2.887	0.577
581	MODEL	4	0.500	3.873	3.873	3.109	4.796	2.708	3.109	1.414	2.217	1.500	0.816
621	RECREATION DIR	13	0.577	2.708	3.904	2.417	4.509	3.817	4.048	2.462	1.240	2.392	3.361
622	CMPNG, SCTNG, PRK GD	3	0.577	3.464	2.646	2.000	2.887	3.512	2.517	2.082	1.732	3.512	2.646
639	FARMING (OTHER)	6	0.408	4.167	3.764	1.941	4.179	4.733	4.033	2.422	2.160	2.588	2.966
711A	BANKING & FINANCE, I	22	1.470	4.392	4.190	2.859	4.249	4.695	4.329	2.662	1.860	1.663	2.741
711B	BANKING & FINANCE, II	4	0.500	0.500	1.414	1.258	1.732	6.946	3.948	1.291	1.732	1.732	4.193
712	INVSTMNT, STOCK CONSULT	2	0.0	4.950	3.536	4.243	4.243	6.364	7.071	4.950	0.707	0.707	2.121
716	CPA	25	0.663	3.593	3.161	2.728	2.917	5.599	3.280	1.758	1.567	1.878	2.449
717	ACCTANT (EXC CPA)	8	0.875	3.164	3.474	2.674	3.623	5.371	3.460	1.888	1.765	1.690	2.740
721	PURCHASING AGENT	4	0.957	4.992	3.304	1.893	2.944	2.217	3.403	2.986	2.160	0.957	2.449
722	RETAIL BUYER	34	0.0	2.749	3.407	2.160	3.686	6.162	3.557	1.756	1.454	2.283	2.924
724	ADVERTISING	12	0.471	2.919	3.842	1.877	3.350	5.637	3.723	1.905	1.478	1.326	2.940
725	PUBLIC RELATIONS	14	0.544	3.027	3.539	1.983	4.277	5.793	3.948	2.066	1.482	2.272	2.989
726	PERSONNEL ADMIN	25	0.277	2.654	3.151	2.018	3.456	5.523	3.229	2.260	1.630	1.887	3.602
727	APPRAISING, ESTIMATING	13	0.599	3.017	4.323	2.534	3.783	5.843	4.013	2.689	1.251	2.006	2.204
728	LOAN/CREDIT INVESTIG	11	0.302	2.601	3.532	2.102	3.982	5.186	4.099	2.157	1.629	1.601	2.541
730	BUS MGMT ADM (NEC)	19	0.375	3.774	4.199	3.019	4.571	5.381	4.401	2.323	1.629	1.843	2.340
732	WHSL/RET TRADE MGMT/MKTG	12	0.289	3.571	4.938	2.503	4.130	6.543	3.630	2.558	1.651	2.275	3.129
738	SUPERVISOR IN BUS	8	0.354	4.132	4.794	3.059	5.064	5.874	4.033	2.387	1.302	1.669	1.581
741	SALESCLERK	34	0.806	3.395	3.380	2.380	3.775	3.377	3.156	1.687	1.778	1.175	2.434
743	STOCKBROKER	5	0.0	1.259	0.577	1.732	3.500	2.630	1.258	1.915	1.500	0.957	2.646
745	REAL ESTATE SLSMAN	6	0.516	4.472	4.502	1.941	2.898	7.259	4.535	2.563	0.753	1.941	2.422
746	INSURANCE SLSMAN	5	0.447	1.789	1.225	2.608	3.493	3.271	2.683	2.739	1.643	1.304	2.049
748	OTHER SLSMAN (NEC)	13	0.0	3.716	3.492	2.402	2.833	3.588	3.903	1.363	1.801	1.922	2.139
749	SALES MGR	2	0.0	6.364	9.192	1.414	3.536	3.536	2.121	2.828	2.121	2.828	0.707
751	BOOKKEEPER	131	0.679	3.402	3.725	2.793	4.326	4.353	3.544	2.160	1.734	1.527	2.528
752	TELLER OR BANK CLRK	27	0.397	3.579	3.724	2.789	4.700	4.326	3.176	2.397	1.521	1.216	2.411
753	CASHIER	17	0.485	3.571	3.508	2.623	3.812	2.407	3.219	2.063	1.222	1.409	2.183
755	MISC ACCT RECDG	64	0.909	3.621	4.112	2.828	4.507	5.357	3.866	2.149	1.646	1.645	2.523
756	KEYPUNCH OP	33	0.770	3.379	3.803	2.511	4.358	3.766	2.874	1.933	1.593	1.560	2.101
757	KEYPUNCH INSTRUC	4	0.500	2.872	1.500	2.082	2.363	1.414	2.217	2.160	0.577	0.500	2.082
758	COMPUTER OP	45	0.669	3.799	4.440	2.680	4.447	4.452	3.449	2.354	1.763	1.819	2.806
761	SECRETARY (NEC)	332	0.600	3.454	4.015	2.595	4.188	4.382	3.447	2.152	1.689	1.618	2.564
762	SECRETARY-BOOKKEEPER	22	2.504	4.538	4.861	3.052	4.484	4.294	3.304	2.380	1.928	1.340	3.007
763	MED/DENT SECRETARY	47	0.414	3.382	3.714	2.458	4.169	4.601	4.077	2.085	1.692	1.213	2.428
764	LEGAL SECRETARY	61	0.321	2.783	3.722	2.078	3.449	3.962	2.598	1.861	1.327	1.586	2.108
765	STENO, CRT RPRTR	43	0.710	3.343	4.069	2.743	4.111	3.747	2.799	1.957	1.831	1.623	2.399
766	TYPIST, CLERK TYPIST	123	0.660	3.353	3.583	2.666	4.114	3.646	3.058	1.975	1.786	1.743	2.275
768	PROOFREADER	2	1.414	4.243	4.243	0.707	9.192	3.536	5.657	4.243	2.828	2.121	1.414
769	CLERK (MISC)	137	0.897	3.471	3.764	2.779	4.485	4.046	3.158	2.173	1.810	1.733	2.522
771	OFFICE SUPERVISOR	14	0.579	3.378	4.209	2.928	4.103	2.441	3.269	2.758	1.834	1.639	2.119
772	OFFICE MGR	5	0.447	2.683	3.421	1.817	3.768	4.037	4.764	1.140	1.140	0.894	2.387
781	PHONE, PBX OP	45	0.699	3.259	4.035	2.625	4.661	4.099	3.856	2.387	1.914	1.455	2.132
789	OTHER "PUB CONT" OCCS	63	0.749	3.848	4.328	2.760	4.900	4.145	3.882	2.067	1.646	1.633	3.002
791	RADIO, TELEGR, TTY OP	4	2.000	4.796	6.076	3.559	3.559	3.109	5.377	1.000	1.500	1.500	3.202
797	MISC CLERICAL	12	0.669	3.655	3.939	3.247	4.542	3.204	2.640	1.595	1.621	1.730	2.674
798	MISC ADMINISTRATIVE	17	0.437	2.088	3.766	2.088	3.729	5.173	3.904	1.875	1.455	1.996	3.124
833	METAL TRADES	2	0.0	0.0	1.414	2.121	3.536	2.828	2.121	0.707	2.121	0.0	0.707
861	PRINTING TRADES	6	0.408	2.994	5.154	1.835	4.593	4.565	4.119	2.000	1.506	2.563	2.714
864	DRAFTSMAN	4	0.0	4.717	3.317	2.887	2.646	5.315	5.888	2.872	1.826	0.957	2.160
865	PHOTOGRAPHY	4	0.577	2.630	4.787	2.646	4.321	6.850	1.708	1.708	1.155	2.754	2.449
866	INTERIOR DECORATOR	21	0.301	2.833	3.222	3.043	3.043	4.780	3.957	1.990	1.225	2.037	3.918
867	LANDSCAPE ARCHIT	2	0.0	0.707	0.0	0.0	3.536	7.071	0.707	3.536	0.707	2.121	0.0
868	CLTHNG & FASH TRADES	64	0.808	4.617	5.009	2.821	5.824	4.304	3.417	2.371	2.053	1.607	2.585
871	DIETITIAN	22	0.395	3.945	4.945	2.653	4.966	5.205	3.578	2.558	1.447	2.260	4.006
872	HOME ECONOMIST	30	0.379	2.798	3.905	2.415	3.281	4.963	3.577	2.309	1.332	2.074	2.706
873	AIRLN STEWRD, STEWRDESS	13	0.277	3.649	4.049	2.259	4.443	4.446	3.593	2.359	1.013	2.139	2.725
881	FOOD & BEVERAGE PREP	5	1.304	3.912	3.647	2.881	5.595	2.775	3.435	1.517	1.924	2.280	2.280
891	MISC PERSONAL SERV	29	0.568	3.611	3.328	2.697	3.694	4.707	3.019	2.455	1.840	1.476	1.912
893	HAIRDRESSER	194	0.695	3.126	3.538	2.431	3.852	3.276	2.974	2.074	1.874	1.390	2.233
894	PRACTICAL NURSE	110	0.920	3.548	4.181	2.729	4.623	3.892	3.616	2.104	1.687	1.471	2.732
895	NURSES' AIDE	93	0.775	4.535	5.915	3.230	5.245	[illegible].196	3.984	1.877	1.544	1.888	2.322
896	DOMESTIC SERVICE	4	0.500	1.708	4.500	1.915	5.354	2.500	1.708	1.414	2.160	2.217	2.062
899	GENERAL LABORER	76	0.869	3.450	4.260	2.740	4.509	3.137	3.473	1.966	1.921	1.417	2.524
	TOTAL	14723	0.634	3.939	4.551	2.839	4.659	5.749	4.141	2.285	1.758	1.830	2.996

TABLE 1.4 (continued)

#	GROUP	N	MEANS										
			INFORMATION TEST I (CONTD.)					INFORMATION TEST II					
			MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE	JOURNALISM	FOREIGN TRAVEL
			R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135	R-136	R-137
000	NO ANSWER	1630	9.324	7.516	13.246	5.899	6.681	4.771	6.434	2.778	2.800	1.949	2.459
001	DON'T KNOW	252	9.351	7.721	13.481	6.271	7.305	5.202	6.702	2.997	3.000	2.137	2.882
010	HOUSEWIFE	4495	9.647	7.756	13.769	6.102	7.040	4.944	6.663	2.963	2.843	2.067	2.601
020	NO SPEC INCOME JOB	14	8.357	7.214	13.500	5.357	5.857	4.714	6.214	2.643	2.357	1.929	2.286
101	EXECUTIVE (NEC)	2	7.000	8.500	10.000	5.000	6.500	3.000	5.000	1.500	2.500	2.000	3.000
102	FOREMAN (NEC)	3	11.667	9.667	12.000	6.667	9.667	5.333	6.667	3.000	2.333	1.667	3.000
111	WORK FOR GOVT (NEC)	30	8.667	9.267	13.267	6.967	7.367	5.333	5.933	2.767	2.933	2.167	2.700
112	IN BUS FOR SELF (NEC)	18	9.222	9.333	14.722	6.333	7.722	5.722	7.000	3.056	3.889	2.278	2.944
120	IND, BUS, COMM	35	7.657	7.029	12.371	5.514	6.314	4.429	6.000	2.714	2.457	1.686	2.000
121	RETAIL (NEC)	7	7.143	8.714	15.000	7.857	8.286	6.143	7.000	3.143	4.429	2.957	2.357
122	TRANSPORTATION (NEC)	5	11.000	8.200	12.200	7.200	7.200	5.000	7.000	2.800	2.400	2.200	2.400
123	REAL ESTATE (NEC)	2	7.500	6.000	11.000	6.000	7.000	4.000	7.500	2.000	3.000	1.500	3.000
124	INSURANCE (NEC)	13	8.692	7.769	12.923	6.308	7.538	5.231	6.308	3.462	3.385	2.385	2.769
125	ELECTRONICS (NEC)	3	5.333	5.667	11.000	4.333	7.667	4.333	6.667	2.000	3.333	2.000	1.667
140	"WRK WTH PEOPLE" (NEC)	8	8.500	9.125	13.375	6.625	9.750	6.125	7.500	2.875	2.875	2.375	3.250
141	"WRK WITH CHILDR" (NEC)	14	7.214	6.714	12.286	4.714	5.357	4.286	6.714	2.500	2.000	1.500	2.000
150	RESEARCH	6	11.500	9.000	15.333	8.000	9.000	5.833	7.333	3.500	3.833	2.333	4.167
211	MATH, STAT	8	12.125	9.875	15.000	8.125	9.875	6.000	7.625	3.750	3.500	2.500	3.750
212	OTHER STATISTICS	5	10.800	8.800	15.400	5.800	9.600	6.800	7.000	3.400	3.600	2.800	3.400
221	SYSTEMS ANALYST	8	10.875	9.375	15.000	7.125	9.125	5.750	9.250	4.125	3.250	2.750	3.500
222	COMPUTER PROGRAMMER	45	10.111	8.222	14.244	7.733	7.933	5.889	7.467	3.400	3.111	2.489	3.400
229	COMPUTER SPEC (NEC)	7	12.000	8.714	16.143	7.857	8.857	6.429	7.286	3.571	3.714	2.571	3.286
231	CHEMIST	25	11.680	9.320	16.000	9.120	8.720	6.880	7.480	3.720	3.960	2.520	4.160
234	GEOLOGIST	2	12.500	8.500	19.000	8.000	10.500	6.500	7.500	3.500	3.500	3.000	5.000
241	CIVIL ENGINEER	2	12.000	11.000	17.000	8.500	9.500	6.000	9.000	3.000	3.500	3.000	4.500
245	CHEM ENGINEER	2	12.500	11.000	16.000	9.000	10.500	7.500	8.500	4.000	4.500	3.000	5.000
299	PHYS SCI, LAB TECH	23	10.435	8.261	14.870	7.391	9.261	5.870	7.739	3.174	3.522	2.435	3.130
310	BIOLOGIST, ZOOLOGIST	14	11.786	9.857	14.786	9.286	9.857	6.857	7.929	4.200	3.929	2.643	3.857
314	WLDLF/FOREST SPEC	2	15.000	10.500	14.500	9.500	11.000	8.500	9.500	5.000	6.000	3.000	4.500
315	PHARMACOLOGIST	2	12.000	9.500	13.000	8.000	7.500	8.500	8.000	4.000	3.000	3.000	3.500
316	MICROBIOLOGIST	15	11.200	9.200	14.467	7.467	9.200	6.067	7.667	3.533	3.533	2.533	3.467
317	BIOCHEMIST	7	10.143	9.286	14.714	7.143	10.000	7.429	8.857	3.714	4.143	2.571	4.000
319	OTHER CHEM SCI	8	10.625	8.500	14.250	7.625	10.000	6.125	9.125	3.250	4.625	2.875	4.250
329	MD-OTHER	19	11.053	9.579	15.000	8.105	9.684	5.947	8.000	3.684	3.895	2.579	4.053
333	VETERINARIAN	4	14.250	11.000	17.000	8.000	9.250	6.750	7.500	4.000	3.500	2.750	3.500
335	PHARMACIST	16	10.813	9.813	15.750	7.625	9.188	5.625	7.750	3.563	3.188	2.375	3.500
337	RN	703	9.863	8.743	14.892	7.198	7.873	5.542	7.454	3.361	3.370	2.455	3.198
341	DENTAL HYGIENIST	28	9.036	7.929	14.071	7.643	8.464	5.750	7.464	3.179	3.179	2.321	3.286
343	PHYS THERAPIST	16	9.750	8.375	14.563	8.875	7.563	5.500	7.500	3.500	3.500	2.438	3.438
344	OCCUP THERAPIST	13	10.692	8.846	15.462	8.000	9.462	6.077	7.462	3.462	3.846	2.769	3.308
346	SPEC THERAPIST (MISC)	19	8.158	8.105	13.211	6.105	7.895	5.105	7.421	3.421	3.000	2.368	2.632
347	MED/DENT TECHNOL	101	10.505	9.178	15.020	7.584	9.188	6.059	7.653	3.604	3.396	2.594	3.365
348	MED/DENT TECHNICIAN	134	9.060	7.582	13.925	6.254	7.463	5.172	7.112	2.940	3.134	2.164	2.754
360	PSYCHOLOGIST	37	9.324	7.946	13.189	7.054	9.649	5.784	7.757	3.378	3.838	2.595	3.730
369	PSYCH RES ASST	2	10.500	10.000	17.000	7.500	10.500	6.500	8.500	3.000	3.500	3.000	3.500
370	SOCIAL WORKER	190	8.921	8.047	14.137	7.258	8.189	5.821	7.205	3.079	3.421	2.395	3.295
371	PSYCHIATRIC SOC WRKR	18	9.056	7.556	13.667	7.111	9.333	6.056	7.444	3.056	3.389	2.611	3.500
372	COUNSELING/GUIDANCE	16	9.813	9.000	15.188	8.250	8.875	6.438	7.313	3.375	3.563	2.625	3.625
373	VOC/ED GUIDANCE	32	10.750	9.688	14.219	8.281	9.094	6.469	7.500	3.594	3.625	2.531	3.813
382	ECONOMIST	4	10.750	9.750	14.750	10.500	9.500	6.250	7.500	3.000	4.000	3.000	4.750
383	SOCIOLOGIST	2	7.000	7.500	11.500	6.500	10.000	8.500	8.000	3.500	3.000	2.000	4.000
384	ANTHROPOLOGIST	5	12.200	9.800	15.600	8.200	9.600	6.200	7.800	4.400	4.400	2.800	4.200
389	SOCIAL SCI (MISC)	7	10.000	8.286	12.857	9.857	11.000	7.571	7.714	2.714	3.143	2.857	4.286
391	POLITICIAN	2	11.000	8.500	15.500	9.000	10.000	7.000	7.500	3.000	3.000	2.000	4.500
392	DIPLOMAT	8	11.500	9.625	14.250	9.000	9.375	6.875	8.250	3.625	3.625	2.750	4.000
393	LAWYER	13	9.000	7.846	13.923	7.769	8.692	6.077	7.615	2.846	3.769	2.692	3.692
397	PUBLIC ADM (NEC)	2	9.000	10.000	12.500	9.500	10.500	7.000	7.500	3.000	5.500	3.000	3.500
400	TEACHER (NEC)	1194	9.231	8.389	14.185	7.350	9.125	5.719	7.276	3.218	3.296	2.330	3.240
410	TCHNG YNG CHILDR	7	8.286	7.857	13.571	7.714	9.286	5.429	7.714	2.857	3.429	2.429	3.286
411	TCHNG PRESCH CHILDR	37	8.973	8.108	13.649	6.865	7.703	5.459	7.135	3.216	3.108	2.405	3.189
412	TEACHER-ELEM	752	9.105	8.205	14.489	7.032	7.931	5.503	7.197	3.206	3.157	2.322	3.088
420	TEACHER-HS (NEC)	89	9.539	9.169	14.191	7.876	7.966	6.191	7.404	3.371	3.393	2.438	3.506
421	TEACHER-HS MATH	62	10.419	8.839	15.613	7.774	8.000	6.081	7.484	3.742	3.290	2.468	3.339
422	TEACHER-HS SCI	41	10.683	9.000	15.122	7.537	9.488	6.098	7.512	3.512	3.341	2.488	3.537
423	TEACHER-HS SOC ST	68	9.221	8.956	13.706	8.015	8.765	6.250	7.603	3.015	3.574	2.662	3.559
424	TEACHER-ENGLISH	150	9.793	8.673	14.760	7.933	8.627	6.220	7.447	3.333	3.427	2.560	3.540
425	TEACHER-FOREIGN LANG	58	9.155	8.655	15.034	7.017	9.207	6.259	7.397	3.138	3.655	2.431	3.655
426	TEACHER-COMM ED	50	9.020	8.980	14.420	6.680	7.160	5.760	6.760	3.280	2.920	2.340	2.540
427	TEACHER-HS HOME EC	63	10.159	9.111	16.381	6.254	7.175	5.381	7.190	3.635	2.984	2.238	2.841
428	TEACHER-TRADES	2	10.000	11.000	15.500	9.000	6.500	5.000	6.500	3.000	3.000	2.000	3.000
429	TEACHER-PHYS ED	44	9.727	8.795	13.432	8.545	7.864	5.568	6.795	3.136	2.886	2.227	3.205
431	TEACHER-ART	51	9.471	9.922	14.157	6.745	9.804	5.706	7.373	3.608	3.510	2.510	3.510
432	TEACHER-MUSIC	58	9.397	8.828	14.517	7.224	8.034	6.034	7.448	3.224	3.569	2.431	3.466
433	TEACHER-SPEECH	4	13.250	10.000	12.500	7.250	9.000	7.500	7.250	3.250	3.500	2.500	3.250
440	TEACHER-HANDICAPPED	60	9.383	8.567	14.883	7.483	8.700	5.500	7.283	3.467	3.167	2.317	3.300
441	SPEECH THERAPIST	40	8.550	8.050	14.325	7.625	8.600	5.675	7.050	3.150	3.575	2.725	3.425
450	SCH ADM (EXC COLL)	9	7.556	8.556	14.222	7.556	8.222	5.556	7.333	2.556	2.778	2.333	3.000
460	COLL/UNIV TCHR (NEC)	90	10.300	8.622	14.833	8.211	8.989	6.489	7.511	3.411	3.811	2.589	3.767
461	COLL/UNIV TCHR-MATH	8	11.375	9.375	16.375	8.875	9.625	7.375	8.125	3.750	3.875	2.625	3.500
462	COLL/UNIV TCHR-SCI	20	11.600	9.700	15.450	8.550	9.600	7.000	7.950	3.550	4.450	2.950	4.050
463	COLL/UNIV TCHR-SOC SCI	25	11.040	9.240	15.640	9.240	9.920	7.200	7.960	3.640	3.960	2.800	4.080
464	COLL/UNIV TCHR-ENGLISH	49	10.755	9.102	14.776	8.245	10.286	7.122	7.939	3.408	4.163	2.694	4.020
465	COLL/UNIV TCHR-FOR LANG	21	10.333	9.000	14.714	7.286	9.857	6.571	7.810	3.476	4.143	2.619	3.952
470	COLL/UNIV TCHR-ADM	2	9.500	10.500	17.500	8.000	7.000	7.500	8.500	4.000	3.000	3.000	4.000
511	LIBRARIAN	54	10.130	9.259	14.093	7.759	8.981	6.148	7.833	3.315	3.463	2.630	3.667
521	CLERGYMAN	8	9.875	8.125	13.875	6.250	7.375	6.250	6.125	3.125	2.250	2.375	2.625
522	MONK, BROTHER, NUN	46	9.500	8.652	14.630	7.543	8.391	6.283	7.000	3.174	3.565	2.543	3.413
523	RELIG WRKR (OTHER)	36	9.028	8.250	14.722	5.944	7.167	5.278	6.917	3.222	2.806	2.250	3.333
531	WRITER (NEC)	31	10.226	8.871	14.419	7.258	9.290	6.452	7.677	3.645	3.548	2.548	3.742
532	FICTION WRITER	3	10.000	8.667	15.667	7.667	9.333	7.333	8.000	3.000	3.000	2.000	3.667
533	NONFIC WRTR (EXC JRNLS	5	7.400	8.800	15.000	9.000	8.800	6.600	8.000	3.200	3.400	2.600	4.000

TABLE 1.4 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST I (CONTD.)				INFORMATION TEST II						
			MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE	JOURNALISM	FOREIGN TRAVEL
			R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135	R-136	R-137
000	NO ANSWER	1633	3.105	2.493	3.310	2.561	2.690	1.763	1.850	1.286	1.302	0.960	1.386
001	DON'T KNOW	262	3.025	2.379	3.389	2.607	2.676	1.874	1.795	1.223	1.336	0.929	1.391
010	HOUSEWIFE	4605	2.928	2.315	3.064	2.370	2.363	1.669	1.644	1.214	1.274	0.891	1.273
020	NO SPEC INCOME JOB	14	2.205	3.662	3.757	3.028	2.656	1.267	2.045	1.336	0.929	0.997	1.326
101	EXECUTIVE (NEC)	2	4.243	3.536	1.414	5.657	3.536	0.0	1.414	0.707	2.121	1.414	1.414
102	FOREMAN (NEC)	3	4.163	3.215	5.196	0.577	2.082	2.309	1.528	1.000	0.577	1.528	0.0
111	WORK FOR GOVT (NEC)	30	3.231	2.303	3.513	3.419	2.606	2.171	2.100	1.223	1.337	1.020	1.489
112	IN BUS FOR SELF (NEC)	19	3.590	2.544	3.409	2.249	2.585	1.274	1.495	1.514	1.605	0.669	1.474
120	IND, BUS, COMM	25	2.838	2.281	3.734	2.705	2.698	1.720	1.985	1.384	1.379	1.022	1.393
121	RETAIL (NEC)	7	1.952	2.812	2.944	2.478	1.799	1.069	1.000	1.464	1.397	0.378	0.690
122	TRANSPORTATION (NEC)	5	2.739	1.483	3.564	2.280	1.483	1.225	0.707	0.837	0.894	1.304	1.342
123	REAL ESTATE (NEC)	2	2.121	4.243	5.657	2.828	2.828	0.0	0.707	0.0	2.828	0.707	1.414
124	INSURANCE (NEC)	13	3.276	2.891	4.941	2.869	2.259	1.739	1.601	1.198	1.557	0.768	1.013
125	ELECTRONICS (NEC)	3	3.786	3.055	3.464	2.082	2.082	2.309	2.309	1.000	2.082	1.000	0.577
140	"WRK WTH PEOPLE" (NEC)	9	2.976	1.727	1.847	2.560	1.832	2.167	1.195	1.126	1.126	0.518	1.282
141	"WRK WITH CHILDR" (NEC)	14	3.215	3.604	3.173	1.729	2.373	2.335	1.718	1.698	1.468	0.855	1.038
150	RESEARCH	6	1.975	1.549	2.732	1.095	1.095	1.941	1.366	0.837	1.329	0.816	0.753
211	MATH, STAT	8	3.720	2.800	2.507	2.588	2.800	2.268	1.188	1.035	1.512	0.756	1.581
212	OTHER STATISTICS	5	1.924	2.049	2.408	3.114	1.673	2.280	0.707	0.548	1.140	0.447	0.894
221	SYSTEMS ANALYST	8	4.291	1.768	3.855	2.232	2.416	1.389	1.165	1.126	1.035	0.463	1.604
222	COMPUTER PROGRAMMER	45	3.099	2.325	2.805	2.641	2.005	2.102	1.160	1.053	1.191	0.695	1.268
229	COMPUTER SPEC (NEC)	7	3.873	1.976	3.671	2.410	1.952	2.370	1.113	1.397	1.604	0.787	1.496
231	CHEMIST	25	3.065	2.036	2.972	2.297	1.696	1.333	0.881	0.891	1.060	0.586	0.800
234	GEOLOGIST	2	0.707	2.121	1.414	2.828	0.707	0.707	0.707	0.707	2.121	0.0	0.0
241	CIVIL ENGINEER	2	2.828	0.0	4.243	0.707	0.707	0.0	1.414	0.0	0.707	0.0	0.707
245	CHEM ENGINEER	2	2.121	0.0	0.0	2.828	2.121	2.121	0.707	0.0	0.707	0.0	0.0
299	PHYS SCI, LAB TECH	23	3.691	2.072	3.252	2.904	3.137	1.660	1.010	1.230	1.534	0.590	1.359
310	BIOLOGIST, ZOOLOGIST	14	3.017	1.406	4.209	2.894	1.406	1.292	0.917	0.877	1.592	0.633	0.770
314	WLDLF/FOREST SPEC	2	0.0	2.121	2.121	0.707	0.0	0.707	0.707	1.414	0.0	0.0	0.707
315	PHARMACOLOGIST	2	0.0	0.707	7.071	2.828	2.121	0.707	0.0	0.0	1.414	0.0	0.707
316	MICROBIOLOGIST	15	3.052	1.656	2.134	2.900	1.656	1.534	0.724	1.457	1.302	0.516	1.302
317	BIOCHEMIST	7	1.864	1.254	1.799	2.854	1.155	0.787	0.378	1.254	0.900	0.535	0.577
319	OTHER CHEM SCI	9	3.543	2.138	4.268	2.560	1.773	1.727	0.991	1.488	0.916	0.354	0.707
329	MD-OTHER	19	2.415	2.063	2.867	1.912	1.734	1.353	1.106	0.885	1.197	0.692	0.911
333	VETERINARIAN	4	2.062	0.816	1.155	4.243	1.500	1.258	1.000	0.816	1.291	0.500	1.732
335	PHARMACIST	16	2.786	1.424	2.864	3.138	2.509	1.500	1.390	0.892	1.223	0.719	0.966
337	RN	703	2.928	1.955	2.850	2.274	2.051	1.621	1.208	1.115	1.282	0.708	1.194
341	DENTAL HYGIENIST	29	2.252	1.884	2.748	2.041	2.317	2.188	1.290	1.156	1.188	0.670	1.301
343	PHYS THERAPIST	15	2.840	2.802	1.896	2.527	2.065	1.713	1.211	1.265	1.366	0.629	1.031
344	OCCUP THERAPIST	13	2.359	1.144	2.259	2.415	1.984	2.253	1.127	1.506	1.463	0.439	1.182
346	SPEC THERAPIST (MISC)	19	3.184	1.969	2.820	2.105	2.355	2.105	1.575	1.071	1.054	0.831	1.257
347	MED/DENT TECHNOL	101	2.564	1.734	3.053	2.346	1.973	1.593	1.161	0.970	1.158	0.586	1.129
348	MED/DENT TECHNICIAN	134	3.283	2.272	3.161	2.445	2.273	1.792	1.341	1.181	1.249	0.842	1.323
360	PSYCHOLOGIST	37	2.991	2.107	3.054	2.697	1.975	1.828	1.278	1.114	1.444	0.644	1.194
369	PSYCH RES ASST	2	3.536	2.828	4.243	0.707	0.707	0.707	0.707	1.414	0.707	0.0	0.707
370	SOCIAL WORKER	133	3.238	2.073	3.186	2.560	2.336	1.584	1.503	1.212	1.396	0.732	1.267
371	PSYCHIATRIC SOC WRKR	18	3.152	1.947	2.890	1.844	1.455	2.043	1.149	1.259	1.195	0.608	1.249
372	COUNSELING/GUIDANCE	15	3.331	1.592	3.016	2.769	2.247	1.209	1.352	1.025	1.094	0.719	0.957
373	VOC/ED GUIDANCE	32	3.080	1.635	2.859	2.831	2.506	1.984	1.191	0.979	1.289	0.567	0.965
382	ECONOMIST	4	2.363	0.957	1.258	1.291	0.577	1.500	1.000	1.155	0.816	0.0	0.500
383	SOCIOLOGIST	2	4.243	0.707	0.707	2.121	2.828	0.707	0.0	0.707	1.414	0.0	1.414
384	ANTHROPOLOGIST	5	1.095	1.304	3.050	2.588	0.894	1.304	1.643	1.517	0.894	0.447	0.837
389	SOCIAL SCI (MISC)	7	4.320	2.430	4.811	2.035	1.155	1.134	0.756	0.756	1.215	0.378	0.488
391	POLITICIAN	2	2.828	0.707	2.121	1.414	1.414	1.414	0.707	1.414	1.414	1.414	0.707
392	DIPLOMAT	9	3.295	1.302	3.615	2.777	1.598	1.356	0.886	0.916	1.408	0.463	0.756
393	LAWYER	13	2.449	2.230	3.616	2.976	1.653	1.498	0.768	1.345	0.927	0.480	1.109
397	PUBLIC ADM (NEC)	2	0.0	0.0	2.121	0.707	2.121	1.414	0.707	0.0	0.707	0.0	0.707
400	TEACHER (NEC)	1134	2.953	2.046	3.099	2.400	2.311	1.678	1.413	1.207	1.292	0.744	1.232
410	TCHNG YNG CHILDR	7	1.704	1.864	2.573	2.563	1.496	1.512	0.756	1.215	1.134	0.535	1.254
411	TCHNG PRESCH CHILDR	37	3.625	2.246	3.111	2.382	2.026	2.008	1.378	1.228	1.100	0.644	1.151
412	TEACHER-ELEM	752	2.902	2.129	2.981	2.377	2.223	1.610	1.410	1.211	1.254	0.791	1.246
420	TEACHER-HS (NEC)	89	2.900	1.890	3.268	[illegible]	2.333	1.827	1.303	1.016	1.311	0.690	1.198
421	TEACHER-HS MATH	62	2.860	2.018	3.195	2.385	[illegible]	1.518	1.184	0.940	1.395	0.740	1.144
422	TEACHER-HS SCI	41	3.134	1.975	2.657	2.292	[illegible]	1.513	1.165	1.121	1.407	0.675	1.164
423	TEACHER-HS SOC ST	68	3.051	1.714	2.792	2.919	[illegible]	1.408	1.186	1.240	1.364	0.660	1.238
424	TEACHER-ENGLISH	150	2.837	2.090	3.073	2.196	2.129	1.642	1.298	1.097	1.353	0.640	1.185
425	TEACHER-FOREIGN LANG	58	3.025	2.082	3.009	2.698	1.971	1.617	[illegible]	1.131	1.278	0.678	1.163
426	TEACHER-COMM ED	50	2.684	1.635	2.793	2.377	2.014	1.349	1.661	1.107	1.338	0.772	1.216
427	TEACHER-HS HOME EC	63	2.230	1.876	2.345	2.071	2.159	1.373	1.378	1.140	1.171	0.797	1.234
428	TEACHER-TRADES	2	0.0	0.0	2.121	2.828	0.707	2.828	0.707	0.0	1.414	0.0	1.414
429	TEACHER-PHYS ED	44	3.201	1.786	3.202	2.425	2.247	1.469	1.636	1.173	1.333	0.743	[illegible]
431	TEACHER-ART	51	2.495	1.495	2.716	2.529	1.470	1.331	1.248	[illegible]	1.139	0.703	1.120
432	TEACHER-MUSIC	58	2.822	1.808	3.079	2.702	2.263	1.363	1.453	[illegible]	[illegible]	0.775	1.260
433	TEACHER-SPEECH	4	1.258	1.414	2.380	2.872	1.826	0.577	1.258	1.500	0.577	0.577	1.258
440	TEACHER-HANDICAPPED	60	2.484	1.881	2.700	2.432	2.287	1.809	[illegible]	1.033	1.509	0.725	1.280
441	SPEECH THERAPIST	40	2.631	2.160	2.422	2.108	1.614	1.623	[illegible]	1.189	1.299	0.452	1.259
450	SCH ADM (EXC COLL)	9	3.087	1.944	2.539	3.167	1.922	1.810	[illegible]	1.236	1.093	0.707	1.118
460	COLL/UNIV TCHR (NEC)	20	2.881	2.037	2.931	2.363	2.080	1.560	[illegible]	1.111	1.365	0.616	1.209
461	COLL/UNIV TCHR-MATH	8	3.662	1.553	3.114	2.696	2.446	1.685	[illegible]	1.035	1.727	0.744	1.927
462	COLL/UNIV TCHR-SCI	20	3.169	1.525	3.086	3.120	1.847	1.686	[illegible]	1.276	1.234	0.366	1.146
463	COLL/UNIV TCHR-SOC SCI	25	3.297	1.739	3.451	2.185	2.060	1.528	1.060	0.757	1.428	0.645	0.954
464	COLL/UNIV TCHR-ENGLISH	49	2.788	1.558	2.967	2.341	1.756	1.301	1.029	1.135	1.048	0.508	1.164
465	COLL/UNIV TCHR-FOR LANG	21	2.576	1.581	3.180	2.667	1.982	1.287	0.873	0.814	1.153	0.590	1.203
470	COLL/UNIV TCHR-ADM	2	2.121	2.121	0.707	1.414	0.0	0.707	0.707	0.0	2.828	0.0	0.0
511	LIBRARIAN	54	3.108	1.855	3.061	2.363	2.375	1.420	1.023	1.163	1.209	0.592	1.244
521	CLERGYMAN	9	2.949	2.850	2.295	4.027	2.066	1.669	1.959	1.553	1.035	0.744	1.188
522	MONK, BROTHER, NUN	46	2.904	2.024	3.079	2.316	1.680	1.471	1.491	1.122	1.276	0.721	1.107
523	RELIG WRKR (OTHER)	36	2.635	2.156	2.885	2.378	2.444	1.667	1.296	0.929	1.142	0.770	1.331
531	WRITER (NEC)	31	2.765	2.306	3.020	2.670	1.575	1.609	1.249	1.253	1.179	0.675	1.032
532	FICTION WRITER	3	3.000	3.215	2.309	5.508	2.082	2.082	0.0	1.000	3.000	1.000	1.528
533	NONFIC WRTR (EXC JRNLST)	5	3.647	2.168	2.345	3.240	2.168	1.140	0.707	1.095	1.342	0.894	1.225

TABLE 1.4 (continued)

#	GROUP	N	MEANS										
			INFORMATION TEST I (CONTD.)				INFORMATION TEST II						
			MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE	JOURNALISM	FOREIGN TRAVEL
			R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135	R-136	R-137
534	JRNLST/RPRTER	20	9.650	8.050	14.150	8.050	9.650	6.250	7.650	3.200	3.650	2.650	3.650
536	PUBLISHER, ETC.	5	8.800	7.400	14.000	5.800	9.000	4.800	7.000	3.200	3.600	2.200	2.400
537	EDITOR	8	9.250	8.750	13.125	8.500	9.000	6.625	7.750	2.875	4.000	2.625	4.125
539	TRNSLTR, INTRPRTR, LINGST	9	11.000	8.778	16.222	7.889	8.889	6.444	7.667	3.444	4.222	2.778	3.333
541	FINE ARTS	31	9.839	8.419	14.161	7.065	9.032	5.516	7.065	3.000	3.484	2.258	3.194
545	COMM ARTIST	41	8.634	7.878	13.707	6.463	8.902	5.122	7.220	3.024	3.463	2.366	3.171
547	DESIGNER (CONS GDS)	5	9.200	8.200	14.600	5.200	9.600	5.600	7.600	4.000	3.600	2.000	3.400
551	MUSICIAN	11	9.455	9.091	12.727	7.000	9.182	5.182	7.636	3.000	3.727	2.545	3.818
552	SINGER	5	8.400	7.000	11.200	6.400	7.000	5.400	6.600	3.000	3.000	2.200	2.000
559	MUSIC-REL (MISC)	9	10.333	8.556	14.778	7.111	9.444	5.444	7.333	3.111	4.333	2.222	3.556
560	DANCER, CHOREOG	14	8.786	7.429	12.714	7.357	8.643	5.143	6.857	2.786	3.357	2.357	3.214
571	ACTOR	6	7.833	10.000	13.500	6.500	9.833	6.167	7.167	2.833	3.167	2.667	3.500
575	THEATRE ((OTHER)	14	8.643	8.929	12.929	7.286	9.571	6.071	7.500	2.857	3.786	2.571	3.643
579	MISC PERF ARTS	3	12.333	8.667	12.000	7.667	8.667	5.667	7.000	3.333	3.000	2.333	4.333
581	MODEL	4	7.500	8.250	13.750	6.250	8.750	6.000	7.250	3.250	2.250	2.000	3.250
621	RECREATION DIR	12	9.167	8.250	14.500	8.583	8.000	6.250	7.583	3.000	3.333	2.250	3.167
622	CMPNG, SCTNG, PRK GD	3	13.667	9.667	16.667	8.667	10.333	6.333	6.667	4.333	4.000	2.333	4.333
639	FARMING (OTHER)	6	10.500	9.500	13.167	6.000	6.000	5.000	6.167	3.167	2.333	1.667	3.167
711A	BANKING & FINANCE, I	30	8.700	7.467	13.967	5.867	6.967	4.633	5.367	2.667	2.700	2.133	2.633
711B	BANKING & FINANCE, II	4	7.500	8.750	16.250	7.000	9.500	6.750	7.500	3.500	3.500	2.750	3.000
712	INVSTMNT, STOCK CONSULT	2	13.500	9.000	14.000	8.500	8.500	5.500	7.000	3.000	3.500	2.500	3.500
716	CPA	25	9.480	7.200	12.920	7.000	7.720	5.480	6.960	3.000	3.160	2.320	2.880
717	ACCTANT (EXC CPA)	50	8.960	7.820	13.200	6.100	7.020	5.140	6.780	2.820	2.760	2.140	2.900
721	PURCHASING AGENT	4	9.000	8.000	13.250	5.750	4.500	4.500	6.250	2.500	2.250	2.000	1.750
722	RETAIL BUYER	24	8.625	8.333	14.333	6.292	7.750	5.375	7.125	3.292	3.625	2.542	3.042
724	ADVERTISING	32	9.281	8.500	14.656	6.906	8.688	5.313	7.188	3.344	3.875	2.625	3.500
725	PUBLIC RELATIONS	16	7.750	7.875	13.750	8.313	8.625	5.563	7.875	3.750	3.438	2.313	3.438
726	PERSONNEL ADMIN	25	10.520	8.800	15.200	8.200	8.560	6.360	7.400	3.280	3.640	2.760	3.240
727	APPRAISING, ESTIMATING	13	8.308	9.154	13.538	6.923	7.769	5.692	7.000	2.385	3.000	2.077	2.923
728	LOAN/CREDIT INVESTIG	11	10.364	8.182	13.364	5.273	8.000	4.909	7.455	3.182	3.091	2.364	2.273
730	BUS MGMT ADM (NEC)	19	9.368	7.316	13.684	5.158	7.000	4.316	6.263	2.842	2.579	1.947	2.263
732	WHSL/RET TRADE MGMT/MKTG	12	9.667	8.000	15.167	8.583	9.000	6.250	6.583	3.417	3.500	2.500	3.167
738	SUPERVISOR IN BUS	8	9.125	7.750	14.125	6.000	7.625	5.250	6.625	3.375	3.125	2.625	3.000
741	SALESCLERK	34	6.824	6.765	12.824	4.794	5.000	4.471	5.618	2.176	2.088	1.529	1.706
743	STOCKBROKER	4	9.250	7.750	12.250	7.250	9.750	5.500	8.000	2.500	3.750	3.000	2.750
745	REAL ESTATE SLSMAN	6	9.500	7.833	15.667	5.833	8.000	5.833	7.000	3.333	3.500	2.167	3.000
746	INSURANCE SLSMAN	5	9.600	8.200	16.200	5.800	8.200	5.200	7.800	3.400	2.600	2.200	3.400
748	OTHER SLSMAN (NEC)	13	9.077	8.308	14.923	6.385	8.308	5.308	7.154	3.154	2.692	2.538	2.846
749	SALES MGR	2	12.500	7.000	12.500	4.500	7.500	6.500	7.500	3.500	3.500	2.500	3.500
751	BOOKKEEPER	131	8.878	7.908	13.817	6.351	6.748	5.076	6.603	2.855	2.542	2.076	2.366
752	TELLER OR BANK CLRK	37	7.757	7.054	12.324	6.054	6.811	4.514	6.622	2.865	2.568	1.919	2.568
753	CASHIER	17	8.353	7.706	12.647	5.647	6.294	5.412	6.412	2.529	2.588	2.235	2.471
755	MISC ACCT RECDG	64	9.063	8.125	14.219	6.250	7.234	5.047	6.906	2.813	2.797	2.125	2.891
756	KEYPUNCH OP	83	7.506	6.916	13.193	5.867	6.651	4.530	6.410	2.687	2.639	1.855	2.301
757	KEYPUNCH INSTRUC	4	8.750	5.250	12.000	6.500	5.500	4.000	5.250	2.500	3.250	1.500	2.250
758	COMPUTER OP	65	8.185	7.262	13.154	5.877	6.938	4.877	6.446	2.769	2.677	1.877	2.508
761	SECRETARY (NEC)	997	8.421	7.865	13.678	6.325	7.055	5.060	6.799	2.941	2.777	2.175	2.601
762	SECRETARY-BOOKKEEPER	23	9.087	7.261	13.565	5.826	6.435	5.087	6.000	2.870	2.609	1.913	2.348
763	MED/DENT SECRETARY	47	8.489	7.574	14.000	6.426	7.426	4.638	6.979	2.787	3.149	2.277	2.745
764	LEGAL SECRETARY	61	8.246	7.590	14.066	6.033	7.705	4.852	7.000	2.689	3.033	2.148	2.623
765	STENO, CRT RPRTR	69	9.014	7.493	13.072	5.420	6.565	4.739	6.623	2.884	2.449	1.942	2.275
766	TYPIST, CLERK TYPIST	103	8.078	7.184	12.835	5.515	6.495	4.680	6.359	2.816	2.544	1.971	2.408
768	PROOFREADER	2	9.500	9.000	12.500	4.500	6.500	4.000	6.000	3.500	3.000	1.500	3.000
769	CLERK (MISC)	137	7.927	7.715	13.146	5.416	6.161	4.547	6.350	2.737	2.650	1.927	2.036
771	OFFICE SUPERVISOR	14	8.571	8.571	12.500	5.643	6.429	5.000	6.214	2.429	3.000	2.214	3.000
772	OFFICE MGR	5	8.800	9.400	16.000	7.000	7.800	5.400	7.800	2.600	2.400	1.800	3.200
781	PHONE, PBX OP	45	7.733	6.622	12.689	5.444	6.178	4.156	6.378	2.511	2.556	1.800	2.067
789	OTHER "PUB CONT" OCCS	58	8.638	7.585	13.638	6.034	7.138	5.155	6.586	3.000	3.103	2.103	2.879
791	RADIO, TELEGR, TTY OP	4	8.750	6.250	14.250	5.500	6.000	2.750	5.500	3.000	2.250	1.250	2.250
797	MISC CLERICAL	12	7.417	6.750	11.417	6.000	6.000	4.250	5.167	1.917	2.250	1.583	2.417
798	MISC ADMINISTRATIVE	17	9.647	7.176	14.176	7.824	9.000	5.706	7.529	2.824	3.118	2.706	3.529
833	METAL TRADES	2	11.000	10.000	16.500	4.000	6.500	6.000	6.500	3.000	2.000	1.500	3.500
861	PRINTING TRADES	6	10.833	7.833	15.167	7.500	6.500	4.500	6.500	3.333	2.667	2.500	2.167
864	DRAFTSMAN	4	11.000	9.750	14.500	6.000	10.250	5.750	6.500	3.250	4.000	2.500	3.000
865	PHOTOGRAPHY	4	10.750	8.750	15.250	8.750	9.000	5.250	6.750	3.000	2.250	2.500	3.750
866	INTERIOR DECORATOR	21	9.905	8.190	13.571	6.762	8.143	5.667	7.429	3.429	3.238	2.286	3.333
867	LANDSCAPE ARCHIT	2	11.000	8.000	17.000	8.000	7.500	6.000	6.500	3.000	4.500	2.500	2.500
868	CLTHNG & FASH TRADES	50	8.120	7.960	13.200	4.580	5.060	4.580	6.000	2.620	2.560	1.900	2.120
871	DIETITIAN	22	9.955	8.545	15.955	7.000	7.636	5.227	7.227	3.091	3.864	2.182	3.045
872	HOME ECONOMIST	30	11.133	9.467	16.433	7.167	7.767	5.667	7.700	3.200	3.367	2.367	3.133
873	AIRLN STEWRD, STEWRDESS	13	8.692	8.462	13.923	5.923	7.077	5.077	6.846	3.692	2.923	2.308	2.923
881	FOOD & BEVERAGE PREP	5	7.000	7.400	13.000	5.200	4.200	3.600	4.600	2.400	2.800	1.400	1.200
891	MISC PERSONAL SERV	28	7.964	7.250	12.750	5.643	6.500	4.429	6.607	2.464	2.714	1.893	2.000
893	HAIRDRESSER	196	9.454	7.577	13.760	5.505	5.867	4.179	6.117	2.801	2.408	1.847	2.153
894	PRACTICAL NURSE	118	8.314	7.678	13.771	5.669	6.305	4.678	6.424	2.932	2.873	1.771	2.220
895	NURSES' AIDE	23	8.826	8.739	13.696	5.826	7.000	5.609	6.826	2.870	2.652	1.913	2.783
896	DOMESTIC SERVICE	4	8.500	7.750	14.250	5.000	5.500	4.750	7.000	2.250	1.500	2.000	2.250
899	GENERAL LABORER	76	7.789	6.974	12.697	5.355	5.303	4.276	5.553	2.289	2.105	1.513	1.934
	TOTAL	14703	8.871	7.983	13.908	6.497	7.382	5.214	6.862	3.028	3.000	2.179	2.817

TABLE 1.4 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST I (CONTD.)				INFORMATION TEST II						
			MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE	JOURNALISM	FOREIGN TRAVEL
			R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135	R-136	R-137
534	JRNLST/RPRTER	20	4.545	2.911	3.360	3.252	1.843	1.713	0.988	1.240	1.089	0.489	1.137
536	PUBLISHER, ETC.	5	3.114	2.302	3.000	2.387	2.121	1.304	1.000	1.483	1.140	0.837	1.342
537	EDITOR	3	3.284	3.059	3.944	2.563	2.390	1.768	1.581	0.835	1.309	0.744	1.458
539	TRNSLTR, INTRPRTR, LINGST	9	3.808	2.587	2.386	3.180	1.900	1.424	1.581	1.333	0.833	0.667	1.323
541	FINE ARTS	31	3.900	2.029	3.297	2.421	2.496	1.964	1.948	1.461	1.458	0.855	1.352
545	COMM ARTIST	41	2.913	2.368	2.686	2.292	1.530	1.536	1.215	1.151	1.247	0.767	1.181
547	DESIGNER (CONS GDS)	5	3.962	2.168	3.647	2.049	1.140	1.140	1.140	0.707	1.140	0.0	1.517
551	MUSICIAN	11	2.423	2.663	2.970	3.194	1.940	1.601	0.924	1.095	1.679	0.820	0.751
552	SINGER	5	5.030	4.000	2.049	3.578	3.317	2.608	1.517	1.414	2.121	0.837	1.225
559	MUSIC-REL (MISC)	9	3.969	2.651	2.906	2.571	2.404	1.810	1.225	1.453	1.225	0.972	1.424
560	DANCER, CHOREOG	14	3.512	2.980	3.099	3.128	3.128	1.703	1.834	1.528	1.550	0.842	1.311
571	ACTOR	6	3.869	0.632	4.231	2.345	1.602	1.169	1.169	1.602	1.472	0.516	1.225
575	THEATRE ((OTHER)	14	2.649	1.385	3.025	2.673	1.505	1.730	1.605	0.864	1.369	0.646	1.393
579	MISC PERF ARTS	3	1.155	2.517	4.000	3.215	0.577	1.155	1.000	1.155	1.000	1.155	1.155
581	MODEL	4	0.577	0.957	0.957	0.957	3.202	2.160	2.363	1.500	0.957	0.816	1.258
621	RECREATION DIR	12	3.380	1.765	2.680	2.968	2.486	1.712	1.443	1.348	1.614	0.754	1.267
622	CMPNG, SCTNG, PRK GD	3	2.517	1.155	0.577	2.082	1.528	0.577	3.215	1.155	2.000	0.577	0.577
639	FARMING (OTHER)	6	3.146	2.168	3.488	2.530	3.033	1.095	1.941	1.169	1.211	0.516	1.329
711A	BANKING & FINANCE, I	30	3.525	2.956	3.952	2.556	2.671	1.520	1.377	1.184	1.512	0.730	1.351
711B	BANKING & FINANCE, II	4	2.380	1.708	1.258	2.160	0.577	1.258	1.291	1.291	1.291	0.500	0.816
712	INVSTMNT, STOCK CONSULT	2	2.121	1.414	4.243	3.536	2.121	0.707	1.414	1.414	2.121	0.707	0.707
716	CPA	25	3.368	2.255	3.148	2.693	1.860	1.475	1.767	1.472	1.106	0.988	1.301
717	ACCTANT (EXC CPA)	50	3.123	2.087	3.175	2.358	2.369	1.485	1.375	1.155	1.188	0.700	1.129
721	PURCHASING AGENT	4	3.162	2.708	0.500	1.708	1.000	1.000	0.957	1.291	1.500	0.0	0.957
722	RETAIL BUYER	24	2.763	2.036	2.548	2.579	2.289	1.498	1.191	1.083	1.408	0.588	1.083
724	ADVERTISING	22	3.476	1.814	3.023	2.131	2.306	1.554	1.401	1.035	1.238	0.609	1.164
725	PUBLIC RELATIONS	16	3.512	2.277	2.955	2.892	1.746	1.590	0.806	1.065	1.365	0.793	1.459
726	PERSONNEL ADMIN	25	3.864	1.708	3.697	2.693	1.938	1.411	1.323	0.980	1.075	0.436	1.300
727	APPRAISING, ESTIMATING	13	2.213	2.193	2.367	2.326	2.315	1.182	1.414	1.044	1.000	0.862	1.320
728	LOAN/CREDIT INVESTIG	11	2.730	2.562	3.722	2.533	1.095	1.578	0.934	1.079	1.136	0.809	1.272
730	BUS MGMT ADM (NEC)	10	2.543	2.358	3.001	2.774	2.261	1.765	1.593	1.167	1.121	0.848	1.195
732	WHSL/RET TRADE MGMT/MKTG	12	3.525	2.523	3.563	2.193	1.954	1.545	1.564	1.379	0.798	0.798	1.030
738	SUPERVISOR IN BUS	9	2.642	2.493	3.523	2.330	3.021	1.581	1.996	1.408	0.835	0.744	1.604
741	SALESCLERK	36	2.504	2.147	2.897	2.384	2.511	1.619	1.758	1.167	0.996	0.929	1.268
743	STOCKBROKER	4	4.031	2.217	4.425	1.500	2.630	1.291	1.414	1.000	0.500	0.0	0.957
745	REAL ESTATE SLSMAN	6	2.588	2.714	3.077	2.994	1.265	2.041	0.894	1.366	1.517	1.169	1.673
746	INSURANCE SLSMAN	5	2.793	2.950	2.588	1.304	2.280	1.483	1.643	0.548	1.673	0.837	1.140
748	OTHER SLSMAN (NEC)	13	2.532	1.702	3.774	2.694	1.932	1.316	1.405	1.068	1.377	0.519	1.405
749	SALES MGR	2	3.536	2.828	3.536	2.121	4.950	0.707	2.121	0.707	3.536	0.707	0.707
751	BOOKKEEPER	131	3.187	2.199	2.492	2.398	2.488	1.667	1.543	1.144	1.204	0.819	1.337
752	TELLER OR BANK CLRK	37	3.269	2.356	3.448	2.603	2.307	1.502	1.754	1.316	1.191	0.829	1.042
753	CASHIER	17	2.783	2.664	2.999	1.869	2.640	1.372	1.417	0.800	1.004	0.752	1.231
755	MISC ACCT RECDG	44	3.111	2.387	2.989	2.337	2.294	1.558	1.519	1.153	1.427	0.845	1.381
756	KEYPUNCH OP	83	2.948	2.425	2.936	2.388	1.990	1.262	1.697	1.168	1.303	0.828	1.134
757	KEYPUNCH INSTRUC	4	1.258	3.202	1.826	1.915	1.291	0.0	2.217	1.000	1.258	1.291	1.258
758	COMPUTER OP	45	2.968	2.400	3.514	2.247	2.468	1.596	1.541	1.378	1.359	0.839	1.348
761	SECRETARY (NEC)	997	2.930	2.197	3.046	2.450	2.317	1.624	1.540	1.248	1.272	0.826	1.314
762	SECRETARY-BOOKKEEPER	23	3.813	2.490	4.251	2.348	2.873	1.857	2.132	1.254	1.234	1.041	1.465
763	MED/DENT SECRETARY	47	2.484	2.234	3.014	2.224	2.375	1.687	1.375	1.215	1.179	0.682	1.406
764	LEGAL SECRETARY	61	2.931	1.953	2.903	2.228	2.163	1.493	1.449	1.259	1.278	0.872	1.157
765	STENO, CRT RPRTR	49	3.118	2.324	3.093	2.329	2.398	1.624	1.466	1.301	1.157	0.838	1.293
766	TYPIST, CLERK TYPIST	103	2.940	2.535	3.323	2.313	2.296	1.496	1.577	1.211	1.186	0.880	1.175
768	PROOFREADER	2	6.364	4.243	6.364	2.121	4.950	0.0	1.414	0.707	1.414	2.121	2.828
769	CLERK (MISC)	127	3.246	2.196	3.095	2.683	2.327	1.576	1.735	1.256	1.275	0.846	1.257
771	OFFICE SUPERVISOR	15	2.311	1.697	2.653	2.240	2.344	1.468	1.477	1.158	1.414	0.802	1.038
772	OFFICE MGR	5	3.271	2.191	2.449	2.000	1.095	0.548	0.837	1.140	0.548	0.837	0.837
781	PHONE, PBX OP	45	2.840	2.910	3.161	2.625	2.665	1.651	1.874	1.272	1.159	0.919	1.355
789	OTHER "PUB CONT" OCCS	50	3.307	2.406	3.286	2.589	2.409	1.642	1.590	1.338	1.320	0.931	1.258
791	RADIO, TELEGR, TTY OP	4	2.062	2.062	3.304	2.646	1.633	2.217	1.291	1.633	1.893	0.957	1.258
797	MISC CLERICAL	12	2.644	2.261	3.502	2.132	2.523	2.261	1.749	0.900	0.866	1.165	1.311
798	MISC ADMINISTRATIVE	12	2.871	2.298	3.661	1.551	1.768	1.160	1.068	1.074	0.781	0.470	0.800
833	METAL TRADES	2	1.414	1.414	0.707	0.0	2.121	0.0	0.707	1.414	1.414	0.707	0.707
861	PRINTING TRADES	6	3.312	4.070	3.430	2.345	0.548	1.643	2.345	0.516	1.366	0.548	0.753
864	DRAFTSMAN	4	3.367	2.217	1.732	4.243	1.708	1.258	2.646	1.500	1.633	0.577	1.414
865	PHOTOGRAPHY	4	4.717	0.500	1.258	2.754	2.160	1.500	1.708	0.816	1.258	0.577	0.957
866	INTERIOR DECORATOR	21	2.625	1.289	3.026	2.022	1.878	1.317	1.121	0.978	1.261	0.845	1.155
867	LANDSCAPE ARCHIT	2	2.828	1.414	4.243	1.414	0.707	1.414	2.121	1.414	0.707	0.707	0.707
868	CLTHNG & FASH TRADES	50	2.974	2.540	3.258	2.167	2.951	1.667	2.040	1.048	1.487	0.814	1.480
871	DIETITIAN	22	4.006	2.841	3.457	2.655	2.341	2.308	1.572	1.151	0.961	0.795	1.290
872	HOME ECONOMIST	30	3.048	1.907	2.713	2.321	2.402	1.583	1.236	1.186	1.326	0.669	1.592
873	AIRLN STEWRD, STEWRDESS	12	1.702	0.967	2.985	2.397	2.722	1.441	1.676	0.947	0.862	0.630	1.188
881	FOOD & BEVERAGE PREP	5	3.536	2.793	5.831	2.683	1.643	0.894	2.191	1.517	1.643	0.894	1.643
891	MISC PERSONAL SERV	29	3.626	2.367	3.318	2.059	1.895	1.451	1.707	1.170	1.084	0.737	1.247
893	HAIRDRESSER	196	2.818	2.509	3.201	2.279	2.256	1.448	1.643	1.222	1.080	0.893	1.158
894	PRACTICAL NURSE	118	3.307	2.257	3.125	2.361	2.557	1.763	1.985	1.252	1.251	0.928	1.255
895	NURSES' AIDE	23	3.243	2.416	3.959	1.946	2.763	1.802	1.337	1.014	1.402	0.793	1.445
896	DOMESTIC SERVICE	4	2.380	1.500	4.031	2.449	2.380	2.630	1.414	2.062	0.577	0.816	0.957
899	GENERAL LABORER	76	2.904	2.487	3.208	2.302	2.304	1.484	1.784	1.069	1.138	0.856	1.204
	TOTAL	14703	3.065	2.305	3.163	2.541	2.479	1.741	1.626	1.231	1.324	0.865	1.340

TABLE 1.4 (continued)

#	GROUP	N	MILITARY	ACCTG, BUS, SALES	PRACT KNOWL	CLERICAL	BIBLE	COLORS	ETIQUETTE	HUNTING	FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY
			MEANS										
			INFORMATION TEST II (CONTD.)										
			R-138	R-139	R-140	R-141	R-142	R-143	R-144	R-145	R-146	R-147	R-148
000	NO ANSWER	1632	2.141	5.306	3.247	2.541	7.539	1.783	1.189	1.154	1.026	4.416	1.387
001	DON'T KNOW	252	2.256	5.664	3.286	2.595	7.809	1.947	1.225	1.191	1.039	4.710	1.424
010	HOUSEWIFE	4695	2.232	5.650	3.403	2.652	7.675	1.912	1.297	1.159	1.048	4.701	1.494
020	NO SPEC INCOME JOB	14	2.000	4.929	3.143	2.500	7.643	1.786	1.214	1.571	0.929	4.214	1.429
101	EXECUTIVE (NEC)	2	1.500	4.500	3.000	2.000	5.000	2.000	0.500	0.0	0.500	3.000	1.500
102	FOREMAN (NEC)	3	2.000	4.333	3.333	2.333	9.667	1.333	0.667	2.000	1.333	5.333	2.000
111	WORK FOR GOVT (NEC)	30	2.333	5.500	3.267	2.533	9.000	1.700	1.233	1.000	0.867	4.467	1.467
112	IN BUS FOR SELF (NEC)	18	2.667	6.500	3.556	2.778	8.278	2.000	1.389	1.833	1.278	5.278	1.556
120	IND, BUS, COMM	35	1.943	5.486	3.200	2.429	7.429	1.400	0.943	1.229	1.229	4.457	1.400
121	RETAIL (NEC)	7	3.000	6.286	3.571	2.429	8.571	2.429	1.286	1.429	1.143	5.571	1.714
122	TRANSPORTATION (NEC)	5	2.200	5.200	3.800	3.000	7.800	1.400	1.400	1.200	2.200	5.400	1.600
123	REAL ESTATE (NEC)	2	2.500	4.500	3.500	3.000	8.500	1.500	2.000	1.500	2.000	4.500	1.000
124	INSURANCE (NEC)	13	2.385	6.231	3.154	2.462	8.000	2.154	1.462	1.692	1.385	5.154	1.538
125	ELECTRONICS (NEC)	3	2.333	5.667	3.333	2.333	6.000	2.333	0.333	1.667	1.333	3.667	0.667
140	"WRK WTH PEOPLE" (NEC)	8	1.750	6.000	3.250	2.500	8.625	1.875	1.250	1.000	0.250	5.375	1.250
141	"WRK WITH CHILDR" (NEC)	14	2.000	4.929	3.000	2.000	7.857	1.286	1.357	0.643	0.957	3.643	1.429
150	RESEARCH	6	2.833	6.667	3.500	2.500	9.000	2.333	1.333	1.000	1.333	6.667	1.833
211	MATH, STAT	8	2.750	6.625	3.625	3.000	10.250	2.500	1.375	0.875	1.375	6.000	1.625
212	OTHER STATISTICS	5	3.000	6.000	4.000	2.800	11.800	2.200	1.000	0.400	0.200	5.400	1.400
221	SYSTEMS ANALYST	8	3.000	7.125	3.625	2.750	9.000	2.250	1.375	0.750	1.000	5.625	1.250
222	COMPUTER PROGRAMMER	45	2.911	6.311	3.800	2.689	9.022	2.333	1.600	1.022	0.911	5.444	1.489
229	COMPUTER SPEC (NEC)	7	3.857	7.429	3.714	2.857	11.143	1.857	1.571	1.429	1.714	5.429	1.429
231	CHEMIST	25	3.360	6.760	3.640	2.720	11.360	2.560	1.680	0.920	1.280	6.120	1.760
234	GEOLOGIST	2	4.000	7.500	4.000	2.500	9.000	2.500	2.000	1.500	0.500	6.500	2.000
241	CIVIL ENGINEER	2	4.000	6.500	4.000	3.000	9.000	2.000	1.500	1.500	0.500	5.000	1.500
245	CHEM ENGINEER	2	3.000	7.500	4.000	2.500	12.500	3.000	1.500	1.500	0.0	7.500	1.500
299	PHYS SCI, LAB TECH	23	2.652	6.478	3.565	2.609	9.913	2.087	1.435	1.217	1.174	4.478	1.609
310	BIOLOGIST, ZOOLOGIST	14	3.071	6.643	3.857	2.571	10.929	2.571	1.500	1.214	1.786	6.429	1.643
314	WLDLF/FOREST SPEC	2	3.500	7.000	4.000	3.000	11.500	2.500	2.000	2.000	1.000	5.500	2.000
315	PHARMACOLOGIST	2	2.500	5.500	4.000	2.500	12.500	2.500	1.500	1.000	2.000	5.500	2.000
316	MICROBIOLOGIST	15	2.733	6.600	3.800	2.667	11.333	2.000	1.400	1.267	1.133	5.733	1.600
317	BIOCHEMIST	7	2.286	7.286	3.857	2.429	11.286	2.571	1.714	0.857	0.714	5.857	1.571
319	OTHER CHEM SCI	8	3.625	7.000	4.000	2.625	12.375	2.250	1.750	1.375	0.875	6.125	1.875
329	MD-OTHER	19	3.316	7.632	3.316	2.684	10.842	2.474	1.632	1.368	1.053	5.737	1.684
333	VETERINARIAN	4	3.500	5.750	3.500	2.000	10.250	2.500	1.000	1.250	0.750	5.750	2.000
335	PHARMACIST	16	2.438	6.688	3.813	2.813	10.563	2.189	1.500	1.750	1.250	5.688	1.625
337	RN	703	2.725	6.000	3.542	2.669	9.743	2.112	1.452	1.171	1.034	5.505	1.610
341	DENTAL HYGIENIST	28	2.536	5.964	3.393	2.643	8.071	2.429	1.464	1.286	1.000	5.679	1.500
343	PHYS THERAPIST	16	3.313	5.438	3.750	2.688	8.250	2.433	1.500	1.313	1.250	6.313	1.625
344	OCCUP THERAPIST	13	2.692	7.000	3.923	2.692	9.154	2.462	1.538	1.077	1.154	6.000	1.692
346	SPEC THERAPIST (MISC)	19	2.526	6.684	3.632	2.526	8.316	2.632	1.316	0.737	0.842	5.474	1.421
347	MED/DENT TECHNOL	101	2.861	6.446	3.653	2.693	9.455	2.248	1.515	1.079	1.010	5.703	1.554
348	MED/DENT TECHNICIAN	134	2.239	5.731	3.455	2.582	8.037	1.955	1.373	1.216	1.134	5.045	1.530
360	PSYCHOLOGIST	37	2.757	6.459	3.622	2.649	9.919	2.405	1.541	0.946	1.027	5.568	1.568
369	PSYCH RES ASST	2	3.500	8.000	4.000	2.500	11.500	3.000	0.500	2.000	1.500	5.000	1.500
370	SOCIAL WORKER	190	2.689	6.232	3.484	2.653	9.474	2.142	1.474	0.968	0.979	5.079	1.553
371	PSYCHIATRIC SOC WRKR	18	2.556	6.722	3.444	2.500	8.944	2.222	1.611	1.278	1.111	5.500	1.722
372	COUNSELING/GUIDANCE	16	2.813	6.375	3.438	2.688	9.688	2.189	1.813	1.313	1.000	5.313	1.375
373	VOC/ED GUIDANCE	32	2.906	6.781	3.688	2.813	10.000	2.531	1.563	1.063	1.189	6.219	1.781
382	ECONOMIST	4	3.750	8.000	3.750	3.000	10.750	2.250	2.000	1.500	0.750	7.000	1.750
383	SOCIOLOGIST	2	3.500	5.500	2.500	3.000	13.000	1.500	2.000	0.0	2.000	4.000	1.500
384	ANTHROPOLOGIST	5	3.000	8.400	3.800	2.800	10.000	2.600	1.400	1.600	1.400	5.600	1.800
389	SOCIAL SCI (MISC)	7	3.143	6.714	3.571	3.000	11.571	2.714	1.571	1.000	0.857	6.429	1.714
391	POLITICIAN	2	5.000	7.500	3.500	2.500	10.500	3.000	2.000	0.500	1.500	4.500	2.000
392	DIPLOMAT	8	3.875	6.750	3.750	2.500	11.250	2.500	1.500	1.375	1.500	6.750	1.750
393	LAWYER	13	2.462	6.769	3.615	2.769	9.769	2,395	1.692	1.231	0.538	5.769	1.462
397	PUBLIC ADM (NEC)	2	4.000	7.000	4.000	2.500	9.000	2.500	2.000	0.500	1.500	4.500	2.000
400	TEACHER (NEC)	1194	2.652	6.234	3.534	2.674	9.082	2.200	1.449	1.135	1.097	5.379	1.562
410	TCHNG YNG CHILDR	7	2.857	7.286	3.571	2.714	7.857	2.714	1.000	1.000	0.714	4.857	1.286
411	TCHNG PRESCH CHILDR	37	2.622	6.135	3.595	2.649	9.108	2.162	1.486	1.054	0.757	5.324	1.459
412	TEACHER-ELEM	752	2.564	5.971	3.504	2.633	8.972	2.227	1.443	1.047	1.053	5.275	1.572
420	TEACHER-HS (NEC)	89	3.000	6.348	3.584	2.719	10.258	2.247	1.517	1.124	1.157	5.584	1.528
421	TEACHER-HS MATH	62	2.871	6.710	3.677	2.774	9.468	2.468	1.645	1.145	1.113	5.742	1.597
422	TEACHER-HS SCI	41	2.976	6.683	3.561	2.805	10.512	2.415	1.463	1.293	1.341	5.610	1.561
423	TEACHER-HS SOC ST	68	2.956	6.603	3.574	2.632	10.132	2.191	1.529	1.132	0.824	5.412	1.559
424	TEACHER-ENGLISH	150	2.813	6.800	3.553	2.753	10.560	2.420	1.433	1.093	1.020	5.527	1.540
425	TEACHER-FOREIGN LANG	58	2.931	6.638	3.517	2.690	9.155	2.397	1.431	1.259	0.845	5.310	1.534
426	TEACHER-COMM ED	50	2.180	6.440	3.580	2.880	8.420	2.160	1.500	1.240	1.240	4.940	1.520
427	TEACHER-HS HOME EC	63	2.381	5.873	3.349	2.746	9.190	2.111	1.556	1.413	1.206	5.492	1.651
428	TEACHER-TRADES	2	1.500	5.000	4.000	3.000	7.500	3.000	1.000	1.500	1.500	6.500	1.500
429	TEACHER-PHYS ED	44	2.568	5.909	3.614	2.773	8.386	1.864	1.409	1.568	1.205	5.477	1.500
431	TEACHER-ART	51	2.588	6.412	3.510	2.490	9.412	2.510	1.549	1.176	1.137	5.538	1.647
432	TEACHER-MUSIC	58	2.707	6.138	3.621	2.621	10.810	2.329	1.569	1.172	1.155	5.448	1.586
433	TEACHER-SPEECH	4	2.750	6.500	3.500	2.750	10.500	2.500	1.500	2.500	1.250	6.000	1.750
440	TEACHER-HANDICAPPED	60	2.450	6.117	3.567	2.633	9.383	2.100	1.367	1.200	1.150	5.533	1.583
441	SPEECH THERAPIST	40	2.475	6.525	3.525	2.675	9.775	2.300	1.625	0.950	0.975	5.925	1.350
450	SCH ADM (EXC COLL)	9	2.556	6.111	3.667	2.444	10.444	1.778	1.667	1.222	0.444	5.222	1.444
460	COLL/UNIV TCHR (NEC)	90	3.067	6.789	3.611	2.856	9.811	2.411	1.500	1.011	1.167	5.611	1.539
461	COLL/UNIV TCHR-MATH	8	3.875	6.875	3.750	2.750	11.250	2.625	1.625	0.625	1.625	6.000	1.500
462	COLL/UNIV TCHR-SCI	20	3.400	7.650	3.750	2.750	11.900	2.450	1.600	1.450	1.300	6.400	1.900
463	COLL/UNIV TCHR-SOC SCI	25	3.280	7.480	3.760	2.760	11.760	2.680	1.600	1.520	1.240	5.920	1.680
464	COLL/UNIV TCHR-ENGLISH	49	3.367	7.347	3.694	2.816	11.694	2.735	1.571	1.347	1.143	6.143	1.633
465	COLL/UNIV TCHR-FOR LANG	21	3.095	7.238	3.714	2.762	10.952	2.571	1.714	1.095	1.000	6.286	1.714
470	COLL/UNIV TCHR-ADM	2	2.000	6.000	4.000	2.500	8.000	3.000	2.000	3.500	0.0	6.500	2.000
511	LIBRARIAN	54	3.056	6.611	3.630	2.796	9.926	2.463	1.556	1.259	1.093	5.333	1.630
521	CLERGYMAN	8	2.000	5.375	3.375	2.750	12.250	1.750	1.500	1.000	1.000	5.125	1.875
522	MONK, BROTHER, NUN	46	2.652	6.500	3.522	2.522	11.348	2.152	1.522	1.065	0.978	5.043	1.587
523	RELIG WRKR (OTHER)	36	2.472	6.194	3.417	2.639	12.000	2.000	1.528	1.194	0.750	5.139	1.528
531	WRITER (NEC)	31	3.129	6.581	3.419	2.516	11.000	2.355	1.452	1.000	1.161	5.065	1.613
532	FICTION WRITER	3	3.000	6.000	3.000	2.000	8.333	1.667	1.333	2.000	2.000	4.333	1.667
533	NONFIC WRTR (EXC JRNLST)	5	3.000	6.800	3.800	2.600	9.200	2.200	1.200	1.200	1.200	5.400	1.200

TABLE 1.4 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST II (CONTD.)										
			MILITARY	ACCTG, BUS, SALES	PRACT KNOWL	CLERICAL	BIBLE	COLORS	ETIQUETTE	HUNTING	FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY
			R-138	R-139	R-140	R-141	R-142	R-143	R-144	R-145	R-146	R-147	R-148
000	NO ANSWER	1633	1.252	2.076	0.809	0.696	3.287	0.945	0.722	0.930	0.932	1.802	0.664
001	DON'T KNOW	262	1.342	2.130	0.839	0.616	3.299	0.955	0.737	0.876	0.913	1.946	0.637
010	HOUSEWIFE	4695	1.247	1.865	0.702	0.591	3.168	0.923	0.691	0.926	0.920	1.683	0.607
020	NO SPEC INCOME JOB	14	1.301	1.940	0.663	0.650	3.795	1.051	0.699	1.089	0.917	1.847	0.646
101	EXECUTIVE (NEC)	2	0.707	3.536	1.414	1.414	1.414	0.0	0.707	0.0	0.707	2.828	0.707
102	FOREMAN (NEC)	3	1.000	1.528	0.577	0.577	4.933	1.155	0.577	1.000	1.155	1.528	0.0
111	WORK FOR GOVT (NEC)	30	1.470	2.330	0.691	0.730	2.994	0.837	0.728	0.910	0.860	1.697	0.629
112	IN BUS FOR SELF (NEC)	13	1.645	1.689	0.784	0.548	2.927	1.138	0.778	1.150	1.179	1.809	0.616
120	IND, BUS, COMM	35	1.211	2.430	0.964	0.739	3.257	0.976	0.765	1.031	0.877	2.034	0.651
121	RETAIL (NEC)	7	1.826	0.756	0.787	0.535	3.155	0.787	0.756	0.976	1.345	1.272	0.488
122	TRANSPORTATION (NEC)	5	2.397	0.447	0.447	0.0	2.775	0.548	0.548	1.095	0.837	1.673	0.548
123	REAL ESTATE (NEC)	2	2.121	0.707	0.707	0.0	0.707	0.707	0.0	0.707	0.0	2.121	0.0
124	INSURANCE (NEC)	13	1.044	1.739	0.801	0.776	2.708	0.689	0.519	0.751	0.870	2.035	0.519
125	ELECTRONICS (NEC)	3	1.528	2.082	0.577	0.577	1.732	0.577	0.577	0.577	1.155	3.215	0.577
140	"WRK WTH PEOPLE" (NEC)	3	0.707	1.195	0.707	0.756	3.503	1.126	0.707	0.756	0.463	1.768	0.886
141	"WRK WITH CHILDR" (NEC)	14	1.177	2.303	1.109	0.784	2.568	1.069	0.745	0.745	0.663	1.216	0.514
150	RESEARCH	6	0.983	2.582	0.548	0.548	3.795	1.211	0.516	0.0	1.033	1.506	0.408
211	MATH, STAT	9	0.886	2.134	0.518	0.0	3.151	1.069	0.518	0.641	0.916	2.000	0.518
212	OTHER STATISTICS	5	0.0	1.225	0.0	0.447	2.049	0.837	0.707	0.548	0.447	2.302	0.548
221	SYSTEMS ANALYST	9	1.195	1.458	0.518	0.463	3.117	0.886	0.518	0.707	0.926	1.847	0.463
222	COMPUTER PROGRAMMER	43	1.345	1.819	0.457	0.557	3.093	0.739	0.580	0.965	0.701	1.902	0.549
229	COMPUTER SPEC (NEC)	7	1.345	0.976	0.488	0.378	1.773	1.069	0.535	0.787	1.254	1.618	0.535
231	CHEMIST	23	1.411	1.943	0.490	0.542	2.596	0.712	0.627	0.702	1.370	1.201	0.597
234	GEOLOGIST	2	1.414	2.121	0.0	0.707	4.243	0.707	0.0	0.707	0.707	0.707	0.0
241	CIVIL ENGINEER	2	1.414	0.707	0.0	0.0	4.243	1.414	0.707	2.121	0.707	0.0	0.707
245	CHEM ENGINEER	2	1.414	3.536	0.0	0.707	0.707	0.0	0.707	0.707	0.0	0.707	0.707
299	PHYS SCI, LAB TECH	22	1.152	1.904	0.507	0.499	3.541	0.996	0.662	0.902	0.984	2.108	0.583
310	BIOLOGIST, ZOOLOGIST	14	1.385	1.823	0.363	0.514	2.596	0.514	0.650	0.893	1.122	1.742	0.497
314	WLDLF/FOREST SPEC	2	0.707	1.414	0.0	0.0	2.121	0.707	0.0	0.0	0.0	2.121	0.0
315	PHARMACOLOGIST	2	0.707	0.707	0.0	0.707	2.121	0.707	0.707	0.0	0.0	0.707	0.0
316	MICROBIOLOGIST	15	0.799	1.454	0.414	0.617	2.498	0.926	0.737	1.223	1.060	1.486	0.507
317	BIOCHEMIST	7	1.113	0.951	0.378	0.787	3.546	0.787	0.488	0.690	0.951	2.478	0.535
319	OTHER CHEM SCI	9	1.408	1.512	0.0	0.744	2.264	0.707	0.463	0.916	1.126	1.246	0.641
329	MD-OTHER	10	1.293	1.707	0.671	0.478	2.007	0.697	0.496	0.895	1.224	1.661	0.478
333	VETERINARIAN	4	1.000	1.500	0.577	0.816	3.096	0.577	0.816	0.957	0.957	0.957	0.0
335	PHARMACIST	16	1.153	1.493	0.403	0.403	2.502	0.750	0.516	0.775	1.000	1.580	0.500
337	RN	703	1.235	1.598	0.616	0.547	2.986	0.849	0.641	0.896	0.916	1.609	0.549
341	DENTAL HYGIENIST	21	1.201	1.478	0.685	0.488	2.624	0.573	0.576	1.084	0.903	1.565	0.577
343	PHYS THERAPIST	14	0.946	1.931	0.447	0.479	3.044	0.629	0.516	1.014	1.000	1.740	0.500
344	OCCUP THERAPIST	13	1.316	1.633	0.277	0.630	2.824	0.776	0.660	0.954	0.801	1.472	0.480
346	SPEC THERAPIST (MISC)	10	1.349	1.635	0.597	0.612	3.056	0.597	0.820	0.653	0.958	1.712	0.692
347	MED/DENT TECHNOL	101	1.265	1.597	0.537	0.561	2.948	0.754	0.642	0.902	0.911	1.480	0.574
348	MED/DENT TECHNICIAN	134	1.215	2.004	0.608	0.604	3.294	0.908	0.701	0.953	1.024	1.707	0.597
360	PSYCHOLOGIST	37	1.188	1.773	0.492	0.538	3.235	0.865	0.605	0.743	0.763	1.951	0.555
369	PSYCH RES ASST	2	0.707	0.0	0.0	0.707	0.707	0.0	0.707	1.414	0.707	0.0	0.707
370	SOCIAL WORKER	190	1.174	1.894	0.718	0.622	3.128	0.827	0.648	0.872	0.848	1.752	0.595
371	PSYCHIATRIC SOC WRKR	19	1.199	1.904	0.616	0.707	2.796	0.647	0.502	0.826	0.900	1.724	0.461
372	COUNSELING/GUIDANCE	16	1.642	1.668	0.727	0.479	3.719	0.911	0.403	0.873	1.033	1.580	0.619
373	VOC/ED GUIDANCE	32	0.995	1.699	0.535	0.397	3.273	0.671	0.564	0.914	1.120	1.755	0.491
382	ECONOMIST	4	0.957	0.816	0.500	0.0	3.096	0.957	0.0	1.291	0.957	0.816	0.500
383	SOCIOLOGIST	2	2.121	2.121	0.707	0.0	1.414	0.707	0.0	0.0	1.414	2.828	0.707
384	ANTHROPOLOGIST	5	1.225	1.140	0.447	0.447	3.082	0.894	0.548	0.548	0.894	1.673	0.447
389	SOCIAL SCI (MISC)	7	0.378	1.113	0.787	0.0	2.440	0.488	0.787	1.414	1.069	1.397	0.756
391	POLITICIAN	2	1.414	0.707	0.707	0.707	2.121	0.0	0.0	0.707	0.707	2.121	0.0
392	DIPLOMAT	9	2.031	1.982	0.463	0.756	1.753	0.756	0.535	1.302	0.926	1.669	0.463
393	LAWYER	13	0.967	1.878	0.506	0.439	4.086	0.650	0.480	1.013	0.660	1.787	0.519
397	PUBLIC ADM (NEC)	2	1.414	0.0	0.0	0.707	2.828	0.707	0.0	0.707	0.707	0.707	0.0
400	TEACHER (NEC)	1134	1.264	1.785	0.638	0.592	3.155	0.856	0.656	0.966	0.974	1.685	0.593
410	TCHNG YNG CHILDR	7	1.464	1.704	0.787	0.488	3.237	0.488	1.000	1.000	0.756	1.464	0.756
411	TCHNG PRESCH CHILDR	37	1.114	1.828	0.551	0.538	3.446	0.866	0.607	0.575	0.830	1.529	0.559
412	TEACHER-ELEM	752	1.221	1.785	0.642	0.594	3.162	0.857	0.648	0.911	0.950	1.622	0.577
420	TEACHER-HS (NEC)	99	1.314	1.835	0.720	0.621	3.228	0.830	0.605	0.987	1.096	1.608	0.605
421	TEACHER-HS MATH	62	1.079	1.583	0.621	0.459	3.273	0.695	0.546	0.938	0.977	1.481	0.586
422	TEACHER-HS SCI	41	1.294	2.005	0.838	0.401	2.481	0.805	0.636	0.981	0.990	1.611	0.594
423	TEACHER-HS SOC ST	43	1.202	1.838	0.527	0.596	3.354	0.902	0.657	0.827	0.791	1.479	0.632
424	TEACHER-ENGLISH	152	1.161	1.630	0.630	0.477	2.904	0.735	0.649	0.885	0.973	1.531	0.563
425	TEACHER-FOREIGN LANG	53	1.212	1.926	0.569	0.568	2.796	0.748	0.652	1.052	0.854	1.837	0.706
426	TEACHER-COMM ED	50	1.304	1.527	0.609	0.328	3.246	0.817	0.647	1.080	0.938	1.284	0.614
427	TEACHER-HS HOME EC	63	1.197	1.764	0.786	0.474	3.031	0.952	0.590	0.891	1.095	1.703	0.544
428	TEACHER-TRADES	2	0.707	0.0	0.0	0.0	3.536	0.0	1.414	0.707	0.707	0.707	0.707
429	TEACHER-PHYS ED	44	1.189	1.927	0.579	0.522	2.927	0.905	0.658	0.998	1.002	1.592	0.506
431	TEACHER-ART	51	1.359	1.577	0.612	0.703	2.974	0.758	0.642	0.888	0.895	1.525	0.522
432	TEACHER-MUSIC	53	1.185	1.648	0.557	0.587	2.825	0.781	0.624	0.958	0.854	1.580	0.563
433	TEACHER-SPEECH	4	0.500	1.732	0.577	0.500	2.646	0.577	0.577	1.000	0.957	0.816	0.500
440	TEACHER-HANDICAPPED	60	1.268	1.776	0.593	0.581	2.935	0.933	0.712	1.102	1.039	1.490	0.530
441	SPEECH THERAPIST	60	0.987	1.519	0.640	0.526	2.966	0.853	0.490	0.783	0.947	1.385	0.622
450	SCH ADM (EXC COLL)	9	1.509	1.691	0.500	0.726	3.321	1.093	0.500	0.833	0.527	1.394	0.726
460	COLL/UNIV TCHR (NEC)	30	1.322	1.518	0.575	0.384	3.083	0.806	0.585	0.828	0.963	1.519	0.495
461	COLL/UNIV TCHR-MATH	8	1.727	1.458	0.463	0.463	3.151	0.518	0.744	0.744	0.744	1.852	0.535
462	COLL/UNIV TCHR-SCI	20	1.392	1.424	0.444	0.444	3.144	0.887	0.598	0.945	1.081	1.569	0.641
463	COLL/UNIV TCHR-SOC SCI	25	0.891	1.806	0.523	0.663	3.257	0.557	0.500	1.327	1.128	1.288	0.627
464	COLL/UNIV TCHR-ENGLISH	49	1.149	1.739	0.548	0.391	2.655	0.446	0.645	1.147	1.099	1.399	0.528
465	COLL/UNIV TCHR-FOR LANG	21	1.411	1.578	0.463	0.436	2.539	0.507	0.463	1.221	0.894	1.384	0.561
470	COLL/UNIV TCHR-ADM	2	0.0	1.414	0.0	0.707	0.0	0.0	0.0	0.707	0.0	2.121	0.0
511	LIBRARIAN	54	1.295	1.687	0.623	0.451	3.173	0.770	0.634	1.013	0.937	1.479	0.623
521	CLERGYMAN	8	0.535	2.669	0.518	0.463	3.151	1.282	0.535	0.535	0.756	2.696	0.641
522	MONK, BROTHER, NUN	46	1.159	1.502	0.623	0.623	2.282	0.816	0.658	0.975	0.802	1.659	0.617
523	RELIG WRKR (OTHER)	36	1.230	2.040	0.732	0.593	2.715	0.862	0.609	0.822	0.841	1.791	0.609
531	WRITER (NEC)	31	1.310	1.501	0.720	0.570	2.921	0.839	0.675	0.966	1.068	1.632	0.558
532	FICTION WRITER	3	2.000	2.646	1.000	1.000	4.509	1.528	1.155	1.000	1.000	2.517	0.577
533	NONFIC WRTR (EXC JRNLST)	5	1.000	1.643	0.447	0.548	2.490	0.837	1.095	1.095	1.304	0.894	0.837

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TABLE 1.4 (continued)

#	GROUP	N	MEANS										
			INFORMATION TEST II (CONTD.)										
			MILITARY	ACCTG, BUS, SALES	PRACT KNOWL	CLERICAL	BIBLE	COLORS	ETIQUETTE	HUNTING	FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY
			R-138	R-139	R-140	R-141	R-142	R-143	R-144	R-145	R-146	R-147	R-148
534	JRNLST/RPRTER	20	2.150	7.100	3.650	2.900	9.550	2.300	1.300	1.300	0.900	5.250	1.700
536	PUBLISHER, ETC.	5	3.200	6.000	3.600	3.000	9.000	2.400	1.400	0.400	0.800	5.000	1.400
537	EDITOR	8	3.750	7.250	3.375	2.500	10.875	2.625	1.625	1.000	1.250	5.500	1.500
539	TRNSLTR, INTRPRTR, LINGST	9	2.556	7.333	3.667	3.000	10.778	2.778	1.778	1.333	1.222	6.000	1.778
541	FINE ARTS	31	2.452	6.129	3.516	2.355	7.935	2.419	1.387	1.065	1.129	5.613	1.387
545	COMM ARTIST	41	1.951	5.585	3.512	2.512	7.854	2.195	1.439	1.268	0.902	5.146	1.561
547	DESIGNER (CONS GDS)	5	2.600	6.800	3.800	2.800	7.600	2.400	1.800	1.400	0.600	4.400	1.600
551	MUSICIAN	11	2.727	6.000	3.818	2.818	8.909	2.273	1.727	1.364	0.636	5.909	1.545
552	SINGER	5	1.800	4.800	3.600	2.600	6.800	2.600	1.200	1.000	1.800	5.200	1.000
559	MUSIC-REL (MISC)	9	2.667	6.333	3.556	2.778	12.222	2.333	1.444	1.444	0.778	5.556	1.667
560	DANCER, CHOREOG	14	2.214	6.571	3.357	2.286	8.429	2.357	1.429	0.786	1.286	4.929	1.357
571	ACTOR	6	2.500	5.333	3.333	2.333	11.667	2.333	1.667	0.833	0.667	4.667	2.000
575	THEATRE ((OTHER)	14	2.714	6.000	3.571	2.786	9.429	2.071	1.500	1.071	1.786	5.214	1.500
579	MISC PERF ARTS	3	2.667	5.667	2.333	3.000	9.000	1.667	2.000	0.667	0.333	6.000	2.000
581	MODEL	4	2.000	5.750	3.500	2.750	7.250	2.000	1.750	0.500	1.250	4.250	1.250
621	RECREATION DIR	12	3.083	6.417	3.583	3.000	8.500	2.167	1.750	1.250	1.417	6.000	1.500
622	CMPNG, SCTNG, PRK GD	3	2.667	9.000	3.667	3.000	12.333	2.667	1.000	1.333	2.333	7.000	1.333
639	FARMING (OTHER)	6	2.500	6.000	2.833	2.500	9.167	1.667	1.333	2.000	0.833	5.667	1.333
711A	BANKING & FINANCE, I	30	2.500	6.033	3.333	2.733	7.633	1.967	1.200	1.467	1.133	4.767	1.567
711B	BANKING & FINANCE, II	4	2.750	7.250	4.000	2.500	7.250	2.250	1.500	1.000	1.250	5.250	2.000
712	INVSTMNT, STOCK CONSULT	2	3.000	6.500	3.500	3.000	7.000	2.500	1.500	1.500	2.000	6.000	1.500
716	CPA	25	2.280	6.760	3.560	2.800	9.160	2.360	1.320	1.520	0.560	4.880	1.560
717	ACCTANT (EXC CPA)	50	2.440	6.220	3.320	2.640	7.300	1.820	1.120	1.280	0.840	4.980	1.520
721	PURCHASING AGENT	4	1.250	5.250	3.500	2.500	7.500	1.250	0.500	1.250	1.000	4.750	1.250
722	RETAIL BUYER	24	2.833	6.500	3.292	2.708	7.125	2.083	1.625	1.125	0.958	4.792	1.417
724	ADVERTISING	32	2.656	6.438	3.656	2.469	8.313	2.406	1.594	1.219	1.281	4.906	1.531
725	PUBLIC RELATIONS	16	2.688	6.688	3.750	2.813	9.000	2.500	1.500	0.813	1.000	5.625	1.438
726	PERSONNEL ADMIN	25	3.080	6.720	3.520	2.720	9.400	2.480	1.640	0.920	1.160	6.040	1.640
727	APPRAISING, ESTIMATING	13	2.231	6.154	3.692	2.769	7.000	1.692	1.385	0.846	0.923	5.308	1.538
729	LOAN/CREDIT INVESTIG	11	2.182	6.636	3.455	2.545	8.455	1.727	1.091	1.182	1.818	5.182	1.364
730	BUS MGMT ADM (NEC)	19	2.263	5.211	3.263	2.579	6.316	1.947	0.895	1.211	1.263	4.474	1.368
732	WHSL/RET TRADE MGMT/MKTG	12	2.667	6.750	3.500	2.667	8.833	2.000	1.167	0.917	1.167	5.083	1.500
738	SUPERVISOR IN BUS	8	2.250	5.750	3.750	2.500	8.625	2.000	1.250	1.250	1.250	4.500	1.750
741	SALESCLERK	34	1.471	4.412	3.029	2.382	5.676	1.559	1.118	1.118	0.971	3.647	1.118
743	STOCKBROKER	4	2.750	6.500	4.000	2.500	9.000	1.750	1.500	1.000	1.500	6.000	1.500
745	REAL ESTATE SLSMAN	6	2.833	6.833	3.500	2.667	9.833	2.167	1.333	1.667	0.667	4.500	1.833
746	INSURANCE SLSMAN	5	1.800	7.000	3.400	2.600	7.400	2.200	1.400	0.800	0.800	4.200	2.200
748	OTHER SLSMAN (NEC)	13	2.231	6.846	3.615	2.692	7.462	2.462	1.538	1.154	1.077	5.077	1.538
749	SALES MGR	2	3.000	6.000	3.500	2.500	9.500	1.500	1.500	1.000	0.500	5.500	1.500
751	BOOKKEEPER	131	2.137	5.641	3.336	2.672	7.443	1.743	1.115	1.221	1.084	4.618	1.366
752	TELLER OR BANK CLRK	37	1.892	5.676	3.405	2.757	7.703	1.784	1.216	1.297	1.054	4.135	1.486
753	CASHIER	17	1.647	5.118	3.412	2.765	7.941	1.765	1.235	1.353	0.706	4.118	1.529
755	MISC ACCT RECDG	64	2.094	5.625	3.219	2.672	7.828	1.813	1.266	1.281	1.031	4.953	1.547
756	KEYPUNCH OP	83	1.867	5.458	3.459	2.614	7.000	1.723	1.120	1.265	1.145	4.157	1.361
757	KEYPUNCH INSTRUC	4	2.500	5.250	3.000	2.750	5.500	2.000	0.750	0.500	0.750	3.250	1.000
758	COMPUTER OP	65	2.323	5.231	3.323	2.692	7.292	1.554	1.062	1.000	1.292	4.431	1.462
761	SECRETARY (NEC)	907	2.217	5.929	3.411	2.749	7.929	2.008	1.285	1.104	1.066	4.647	1.511
762	SECRETARY-BOOKKEEPER	23	2.087	6.435	3.478	2.826	9.130	1.870	1.391	1.217	1.391	4.174	1.565
763	MED/DENT SECRETARY	47	2.404	5.809	3.553	2.851	9.000	2.064	1.383	1.000	0.894	4.830	1.489
764	LEGAL SECRETARY	61	2.295	6.262	3.426	2.787	7.656	1.984	1.279	1.115	1.098	4.836	1.557
765	STENO, CRT RPRTR	69	1.754	5.290	3.362	2.681	7.174	1.855	1.159	1.087	1.101	4.275	1.493
766	TYPIST, CLERK TYPIST	103	2.107	5.447	3.291	2.650	6.874	1.699	1.087	1.117	0.961	4.408	1.466
768	PROOFREADER	2	1.500	4.500	3.000	2.000	6.500	1.500	1.000	2.000	1.500	4.500	1.000
769	CLERK (MISC)	137	1.971	5.277	3.182	2.606	7.088	1.708	1.212	1.212	1.044	4.197	1.372
771	OFFICE SUPERVISOR	14	2.429	5.786	3.357	2.857	8.000	2.143	1.286	1.143	0.929	5.071	1.500
772	OFFICE MGR	5	3.000	6.000	4.000	2.200	9.400	1.800	1.400	1.200	1.000	5.800	1.200
781	PHONE, PBX OP	45	2.000	4.556	3.267	2.489	6.911	1.667	1.044	1.067	1.200	4.067	1.311
789	OTHER "PUB CONT" OCCS	58	2.172	5.793	3.397	2.655	7.741	2.069	1.276	1.276	1.017	4.621	1.379
791	RADIO, TELEGR, TTY OP	4	1.500	4.500	3.000	2.250	4.250	2.000	1.000	1.250	1.250	3.500	1.250
797	MISC CLERICAL	12	2.417	4.167	3.167	1.917	6.583	1.333	0.833	1.167	0.917	4.000	1.417
798	MISC ADMINISTRATIVE	17	2.412	7.235	3.824	2.824	7.941	2.235	1.588	1.118	0.647	5.471	1.765
833	METAL TRADES	2	2.000	8.500	3.500	2.000	9.500	2.000	1.500	1.500	0.0	4.500	1.500
861	PRINTING TRADES	6	2.333	6.667	3.000	2.500	7.167	2.000	1.833	1.500	0.667	5.500	1.000
864	DRAFTSMAN	4	2.250	6.000	3.750	3.000	11.000	2.750	1.500	2.000	1.500	5.000	1.750
865	PHOTOGRAPHY	4	3.000	7.000	3.250	2.750	10.500	2.500	0.750	0.750	1.000	5.000	1.750
866	INTERIOR DECORATOR	21	2.857	6.143	3.524	2.762	9.190	2.238	1.429	1.143	1.524	5.095	1.619
867	LANDSCAPE ARCHIT	2	3.000	5.000	3.500	2.500	4.000	3.000	1.500	1.500	1.000	5.500	1.500
868	CLTHNG & FASH TRADES	50	1.720	4.640	2.960	2.200	6.900	1.660	1.220	1.240	1.100	4.020	1.260
871	DIETITIAN	22	2.864	6.182	3.545	2.682	9.227	2.136	1.636	1.227	0.909	5.000	1.636
872	HOME ECONOMIST	30	2.567	6.667	3.633	2.733	9.533	2.400	1.500	1.067	1.233	5.567	1.667
873	AIRLN STEWRD, STEWRDESS	13	1.923	6.077	3.539	2.615	9.462	2.154	1.615	0.846	0.769	5.308	1.769
881	FOOD & BEVERAGE PREP	5	1.600	3.800	3.200	2.000	4.800	1.200	1.200	1.800	0.800	4.400	1.000
891	MISC PERSONAL SERV	28	2.000	5.107	3.321	2.607	7.714	1.429	1.036	1.357	0.964	4.071	1.393
893	HAIRDRESSER	134	1.893	4.962	3.194	2.536	6.649	1.745	1.149	1.260	1.020	4.352	1.388
894	PRACTICAL NURSE	118	2.288	4.932	3.212	2.322	7.356	1.534	1.186	1.229	1.017	4.432	1.331
895	NURSES' AIDE	23	2.087	5.174	3.391	2.609	8.522	1.826	1.435	1.652	1.130	5.087	1.609
896	DOMESTIC SERVICE	4	2.000	3.000	3.250	2.500	6.500	1.000	0.500	1.000	0.750	4.250	1.500
899	GENERAL LABORER	76	1.618	4.184	2.934	2.421	6.592	1.553	1.092	1.211	1.092	4.145	1.237
	TOTAL	14703	2.369	5.819	3.422	2.643	8.253	1.999	1.332	1.154	1.056	4.895	1.501

TABLE 1.4 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST II (CONTD.)										
			MILITARY	ACCTG, BUS, SALES	PRACT KNOWL	CLERICAL	BIBLE	COLORS	ETIQUETTE	HUNTING	FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY
			R-138	R-139	R-140	R-141	R-142	R-143	R-144	R-145	R-146	R-147	R-148
534	JRNLST/RPRTER	21	1.309	1.917	0.489	0.410	3.187	0.801	0.657	0.979	1.071	1.552	0.470
536	PUBLISHER, ETC.	5	1.483	1.581	0.548	0.0	3.873	0.548	0.548	0.894	0.447	1.225	0.548
537	EDITOR	3	1.488	1.669	0.744	0.756	2.031	1.061	0.518	1.069	1.035	1.069	0.535
539	TRNSLTR, INTRPRTR, LINGST	[illegible]	1.130	2.693	0.500	0.0	3.383	0.441	0.441	1.414	0.667	1.936	0.441
541	FINE ARTS	31	1.121	1.803	0.851	0.661	3.119	0.886	0.715	0.854	0.957	1.687	0.558
545	COMM ARTIST	41	1.094	1.857	0.597	0.597	2.912	0.715	0.594	1.096	0.917	1.740	0.502
547	DESIGNER (CONS GDS)	5	1.140	1.095	0.447	0.447	2.881	0.894	0.447	0.894	0.894	1.140	0.548
551	MUSICIAN	11	1.009	1.897	0.405	0.405	3.562	1.104	0.467	1.120	0.809	1.514	0.522
552	SINGER	5	1.483	2.775	0.548	0.548	2.950	0.894	0.837	0.0	1.304	1.304	1.225
559	MUSIC-REL (MISC)	6	1.658	2.500	0.527	0.441	2.682	0.707	0.527	1.236	0.833	1.333	0.500
560	DANCER, CHOREOG	14	0.975	1.869	0.842	0.726	4.146	0.745	0.756	0.802	0.825	1.817	0.745
571	ACTOR	[illegible]	1.378	1.633	0.816	1.033	1.751	0.516	0.516	0.753	0.816	1.506	0.0
575	THEATRE((OTHER)	14	1.139	1.840	0.756	0.426	3.190	0.829	0.650	0.829	0.975	1.672	0.519
579	MISC PERF ARTS	3	1.528	1.155	1.155	0.0	3.606	0.577	0.0	1.155	0.577	1.732	0.0
581	MODEL	4	0.816	1.500	0.577	0.500	2.986	0.816	0.500	0.577	0.500	1.500	0.500
621	RECREATION DIR	12	1.164	1.165	0.515	0.0	3.205	0.835	0.622	0.754	0.996	1.859	0.674
622	CMPNG, SCTNG, PRK GD	3	1.528	1.000	0.577	0.0	1.155	0.577	1.000	0.577	1.528	0.0	0.577
639	FARMING (OTHER)	4	1.049	2.000	0.983	0.548	2.859	1.033	0.816	1.414	0.753	1.211	0.516
711A	BANKING & FINANCE, I	30	1.408	1.956	0.802	0.521	3.409	0.809	0.610	1.042	1.074	1.524	0.568
711B	BANKING & FINANCE, II	4	0.500	1.500	0.0	0.577	2.754	0.500	0.577	0.0	0.957	1.708	0.0
712	INVSTMNT, STOCK CONSULT	3	1.414	0.707	0.707	0.0	2.828	0.707	0.707	0.707	0.0	0.0	0.707
716	CPA	25	0.980	1.640	0.651	0.500	3.158	0.700	0.557	1.005	0.651	1.563	0.583
717	ACCTANT (EXC CPA)	50	1.181	1.877	0.819	0.598	2.936	0.941	0.773	0.904	0.976	1.612	0.646
721	PURCHASING AGENT	4	1.258	1.500	1.000	0.577	2.082	0.957	0.577	0.957	0.816	1.500	0.957
722	RETAIL BUYER	24	1.129	1.319	0.550	0.550	3.125	1.018	0.576	0.797	1.042	1.719	0.504
724	ADVERTISING	22	1.181	1.900	0.483	0.718	3.459	0.712	0.665	1.039	0.991	1.553	0.567
725	PUBLIC RELATIONS	16	1.138	1.778	0.447	0.403	3.098	0.730	0.730	0.750	0.730	1.628	0.629
726	PERSONNEL ADMIN	25	1.222	1.370	0.586	0.458	2.843	0.714	0.569	0.862	0.746	1.207	0.569
727	APPRAISING, ESTIMATING	13	1.235	1.573	0.480	0.439	2.739	0.947	0.650	0.801	0.954	1.251	0.519
728	LOAN/CREDIT INVESTIG	11	1.329	1.749	0.688	0.522	3.616	1.104	0.539	0.874	1.168	1.537	0.674
730	BUS MGMT ADM (NEC)	10	1.046	2.123	0.806	0.607	2.988	0.705	0.809	1.032	0.933	2.342	0.684
732	WHSL/RET TRADE MGMT/MKTG	12	0.985	1.288	0.522	0.492	3.486	1.128	0.577	0.793	0.577	1.929	0.522
738	SUPERVISOR IN BUS	9	1.165	2.053	0.463	0.756	2.669	0.926	0.886	0.707	1.035	2.673	0.707
741	SALESCLERK	34	0.861	1.725	0.717	0.652	2.793	0.860	0.640	0.913	1.029	1.323	0.729
743	STOCKBROKER	4	1.500	1.000	0.0	0.577	2.160	0.957	0.577	0.816	0.577	1.826	0.577
745	REAL ESTATE SLSMAN	6	1.169	1.835	0.548	0.816	3.312	1.329	0.516	1.211	0.516	2.074	0.408
746	INSURANCE SLSMAN	5	1.095	1.581	0.548	0.548	1.673	0.447	0.548	0.837	0.837	1.924	0.707
748	OTHER SLSMAN (NEC)	13	1.363	1.144	0.506	0.630	3.479	0.776	0.519	1.068	0.760	1.188	0.519
749	SALES MGR	2	0.0	2.828	0.707	0.707	4.950	2.121	0.707	0.0	0.707	0.707	0.707
751	BOOKKEEPER	121	1.251	1.844	0.675	0.588	3.143	0.959	0.709	1.062	0.912	1.610	0.623
752	TELLER OR BANK CLRK	27	1.022	1.547	0.644	0.495	3.017	0.917	0.672	0.845	0.780	1.681	0.692
753	CASHIER	17	1.115	1.728	0.618	0.437	3.211	1.033	0.752	1.222	1.047	1.728	0.624
755	MISC ACCT RECDG	44	1.137	1.538	0.766	0.506	3.175	0.852	0.672	0.951	0.942	1.675	0.688
756	KEYPUNCH OP	21	1.257	1.762	0.668	0.601	2.807	0.915	0.722	0.912	0.964	1.542	0.616
757	KEYPUNCH INSTRUC	4	1.291	1.708	0.816	0.500	2.082	0.816	0.957	0.577	0.500	0.957	0.816
758	COMPUTER OP	45	1.300	1.910	0.752	0.528	2.685	1.000	0.768	0.866	0.996	1.600	0.588
761	SECRETARY (NEC)	207	1.152	1.877	0.681	0.503	3.154	0.867	0.691	0.915	0.960	1.659	0.589
762	SECRETARY-BOOKKEEPER	21	0.996	1.701	0.593	0.491	2.989	1.140	0.583	1.204	1.158	1.466	0.590
763	MED/DENT SECRETARY	47	1.210	2.028	0.583	0.416	3.114	0.845	0.644	0.860	0.787	1.884	0.585
764	LEGAL SECRETARY	41	1.243	1.632	0.618	0.520	2.683	0.866	0.662	0.933	1.076	1.594	0.620
765	STENO, CRT RPRTR	43	1.020	1.808	0.664	0.556	3.044	0.989	0.699	0.887	0.689	1.653	0.609
766	TYPIST, CLERK TYPIST	123	1.084	1.913	0.723	0.518	3.114	0.948	0.729	1.003	0.979	1.823	0.607
768	PROOFREADER	2	2.121	0.707	1.414	1.414	4.950	2.121	0.0	1.414	0.707	0.707	0.0
769	CLERK (MISC)	137	1.188	2.035	0.740	0.598	2.924	0.994	0.712	0.973	0.946	1.773	0.594
771	OFFICE SUPERVISOR	14	0.852	2.119	0.633	0.363	2.075	0.663	0.825	0.949	0.829	1.141	0.519
772	OFFICE MGR	5	1.225	1.414	0.0	1.304	2.408	0.837	0.447	1.304	1.414	0.447	0.837
781	PHONE, PBX OP	45	1.508	1.829	0.688	0.757	2.875	0.879	0.673	1.074	1.014	1.529	0.733
789	OTHER "PUB CONT" OCCS	41	1.416	1.652	0.674	0.515	3.591	0.915	0.615	1.056	1.084	1.945	0.587
791	RADIO, TELEGR, TTY OP	4	2.380	0.577	0.816	0.957	3.202	0.816	0.816	0.957	1.500	1.732	0.957
797	MISC CLERICAL	12	1.782	1.850	0.718	0.996	2.678	0.492	0.577	1.115	0.900	1.758	0.669
798	MISC ADMINISTRATIVE	17	0.939	1.033	0.393	0.393	3.363	0.970	0.618	0.857	0.702	1.007	0.562
833	METAL TRADES	2	1.414	0.707	0.707	1.414	0.707	0.0	0.707	0.707	0.0	0.707	0.707
861	PRINTING TRADES	[illegible]	1.033	1.211	0.0	0.837	3.312	0.632	0.408	0.837	0.516	1.643	0.632
864	DRAFTSMAN	4	1.500	2.449	0.500	0.0	4.619	0.500	0.577	0.816	1.291	2.944	0.500
865	PHOTOGRAPHY	4	1.414	2.000	0.500	0.500	1.291	0.577	0.957	0.957	0.816	1.414	0.500
866	INTERIOR DECORATOR	31	0.910	1.682	0.680	0.436	3.188	0.889	0.598	0.910	1.030	1.700	0.669
867	LANDSCAPE ARCHIT	2	0.0	4.243	0.707	0.707	1.414	0.0	0.707	0.707	1.414	0.707	0.707
868	CLTHNG & FASH TRADES	[illegible]	1.126	1.977	0.880	0.700	3.290	1.062	0.679	0.981	0.886	1.755	0.664
871	DIETITIAN	22	1.207	2.281	0.739	0.568	2.927	0.990	0.658	1.066	1.192	1.512	0.658
872	HOME ECONOMIST	30	1.104	1.971	0.490	0.583	2.763	0.932	0.682	0.828	1.006	1.654	0.479
873	AIRLN STEWRD, STEWRDESS	17	1.115	1.754	0.660	0.506	2.817	0.987	0.506	0.899	0.599	1.548	0.439
881	FOOD & BEVERAGE PREP	5	0.548	0.837	0.837	1.000	1.643	0.447	1.095	1.483	0.837	3.286	1.000
891	MISC PERSONAL SERV	22	1.089	2.200	0.772	0.737	3.660	1.034	0.744	1.283	0.733	1.980	0.685
893	HAIRDRESSER	106	1.111	1.730	0.861	0.682	2.883	0.898	0.704	0.997	0.917	1.723	0.658
894	PRACTICAL NURSE	112	1.353	2.066	0.825	0.846	3.164	0.976	0.679	0.928	0.934	1.738	0.740
895	NURSES' AIDE	23	1.276	1.850	0.656	0.583	3.146	0.937	0.728	0.885	0.920	1.929	0.499
896	DOMESTIC SERVICE	4	0.0	1.826	0.500	1.000	3.000	0.816	0.577	0.816	0.500	1.708	1.000
899	GENERAL LABORER	74	1.045	2.219	0.914	0.753	3.047	0.885	0.696	0.943	0.982	1.902	0.671
	TOTAL	14723	1.272	1.921	0.709	0.603	3.308	0.920	0.692	0.941	0.944	1.750	0.614

TABLE 1.4 (continued)

#	GROUP	N	MEANS										
			INFORMATION TEST II (CONTD.)									ENGLISH TEST	
			GAMES (SEDEN)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS	DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION
			R-149	R-150	R-151	R-152	R-162	R-211	R-212	R-220	R-231	R-232	R-233
000	NO ANSWER	1639	2.015	4.830	1.623	4.639	6.318	9.378	13.029	16.795	10.869	30.278	19.212
001	DON'T KNOW	262	2.191	5.351	1.824	5.076	6.710	9.412	14.126	18.454	11.500	30.573	20.221
010	HOUSEWIFE	4695	2.123	5.167	1.803	4.834	6.691	9.504	13.529	18.092	11.160	30.300	20.080
020	NO SPEC INCOME JOB	14	2.071	5.214	1.429	4.643	6.429	9.786	15.071	15.857	11.500	30.286	19.643
101	EXECUTIVE (NEC)	2	2.000	3.000	0.500	5.500	6.500	10.500	15.500	20.000	10.000	32.000	20.000
102	FOREMAN (NEC)	3	2.667	4.667	1.667	6.000	7.333	6.667	12.333	19.667	10.000	29.000	17.333
111	WORK FOR GOVT (NEC)	30	1.767	5.333	2.033	4.800	6.700	9.400	12.367	16.200	11.767	30.233	19.667
112	IN BUS FOR SELF (NEC)	18	2.278	5.722	2.000	4.722	7.222	9.722	16.222	18.111	11.056	29.389	21.278
120	IND, BUS, COMM	35	1.857	4.457	1.600	4.714	5.971	8.200	12.914	16.114	11.000	29.543	18.600
121	RETAIL (NEC)	7	2.000	7.000	2.714	5.429	7.429	8.857	12.000	14.286	12.143	31.000	20.571
122	TRANSPORTATION (NEC)	5	2.400	5.400	2.000	4.200	6.600	10.600	16.600	19.000	12.800	31.200	22.200
123	REAL ESTATE (NEC)	2	1.000	3.500	2.500	5.500	4.500	11.000	22.000	20.000	10.500	30.000	21.500
124	INSURANCE (NEC)	13	2.077	5.231	1.769	5.154	7.154	9.846	12.231	18.077	11.692	30.154	19.231
125	ELECTRONICS (NEC)	3	2.333	3.667	1.667	5.000	7.000	8.667	15.667	16.667	11.000	29.667	18.000
140	"WRK WTH PEOPLE" (NEC)	9	2.750	6.500	2.125	5.625	8.000	9.250	14.000	17.375	10.375	31.125	20.875
141	"WRK WITH CHILDR" (NEC)	14	1.857	4.214	1.143	3.857	5.714	9.571	12.857	15.429	9.000	29.214	16.857
150	RESEARCH	6	2.667	6.833	2.667	6.000	9.500	12.667	18.500	22.333	13.000	32.167	24.333
211	MATH, STAT	8	2.750	5.875	2.125	6.125	9.375	11.250	18.000	21.000	11.625	31.875	24.125
212	OTHER STATISTICS	5	3.200	6.600	3.000	6.800	8.200	12.200	23.400	23.000	13.200	32.200	25.000
221	SYSTEMS ANALYST	8	2.625	6.375	2.375	6.000	8.250	12.000	17.750	23.250	12.500	32.000	24.250
222	COMPUTER PROGRAMMER	45	2.600	6.244	2.178	6.267	7.600	10.111	15.956	19.933	11.889	31.356	22.289
229	COMPUTER SPEC (NEC)	7	2.857	5.857	2.571	6.571	7.857	9.000	16.857	24.857	12.857	32.000	25.000
231	CHEMIST	25	2.760	6.560	2.480	6.680	8.320	11.560	19.440	23.280	12.800	32.080	23.880
234	GEOLOGIST	2	3.000	7.000	3.000	7.500	8.500	9.000	12.000	25.500	11.500	31.500	22.500
241	CIVIL ENGINEER	2	1.000	7.000	1.500	5.500	8.000	12.500	17.500	17.000	13.500	31.000	23.000
245	CHEM ENGINEER	2	3.000	7.500	2.500	8.000	8.500	14.000	19.000	28.000	14.500	32.500	26.500
299	PHYS SCI, LAB TECH	23	2.435	5.870	2.174	5.696	7.304	9.826	16.565	19.304	11.957	31.130	22.130
310	BIOLOGIST, ZOOLOGIST	14	2.714	6.643	2.929	6.071	8.143	11.286	16.214	24.571	12.571	31.643	23.571
314	WLDLF/FOREST SPEC	2	2.000	7.000	4.000	8.500	9.000	10.500	20.000	28.500	13.500	31.500	24.000
315	PHARMACOLOGIST	2	2.500	7.000	1.000	5.500	8.000	12.000	23.500	19.000	14.000	32.000	26.000
316	MICROBIOLOGIST	15	2.667	6.267	2.133	5.400	7.933	11.000	15.133	21.000	12.000	32.133	23.333
317	BIOCHEMIST	7	3.286	7.000	2.571	7.000	8.571	13.000	18.571	26.571	14.429	32.286	25.286
319	OTHER CHEM SCI	8	2.375	7.000	2.500	6.750	7.750	12.625	18.875	24.250	13.875	31.000	25.125
329	MD-OTHER	19	2.632	6.737	2.737	6.789	8.526	11.737	19.000	23.000	14.000	31.947	24.579
333	VETERINARIAN	4	2.250	6.750	2.500	7.000	9.000	11.500	22.250	20.500	13.000	31.250	23.500
335	PHARMACIST	16	2.188	5.813	2.063	5.938	7.813	10.750	14.688	17.375	13.188	32.063	23.938
337	RN	703	2.280	5.828	2.091	5.485	7.479	10.440	15.724	19.693	11.982	31.438	22.074
341	DENTAL HYGIENIST	28	2.179	6.500	2.214	5.214	7.286	10.964	15.786	21.250	11.643	31.321	21.429
343	PHYS THERAPIST	16	2.125	6.000	2.313	5.938	7.250	10.813	16.750	19.500	12.063	32.313	22.313
344	OCCUP THERAPIST	13	2.154	6.077	2.923	5.769	7.615	10.231	15.231	23.000	11.846	32.231	23.000
346	SPEC THERAPIST (MISC)	19	2.474	6.316	2.316	5.526	7.579	9.579	14.842	19.211	11.684	31.895	21.368
347	MED/DENT TECHNOL	101	2.287	5.861	2.119	5.772	7.782	10.723	16.436	20.337	12.356	31.604	22.812
348	MED/DENT TECHNICIAN	134	2.090	5.425	1.925	4.948	6.918	9.313	13.149	16.843	10.918	30.821	20.022
360	PSYCHOLOGIST	37	2.486	6.378	2.541	6.622	7.865	10.703	17.811	21.838	12.784	31.784	22.811
369	PSYCH RES ASST	2	2.000	7.500	3.000	6.000	8.500	10.000	20.500	28.500	13.500	31.500	25.000
370	SOCIAL WORKER	190	2.216	5.911	2.258	5.632	7.489	10.053	15.253	19.958	12.111	31.305	22.063
371	PSYCHIATRIC SOC WRKR	18	2.722	6.500	2.333	5.889	7.722	10.111	14.222	22.722	12.278	31.444	22.667
372	COUNSELING/GUIDANCE	16	3.063	6.500	2.625	6.375	7.750	11.188	15.938	21.438	13.063	31.875	23.188
373	VOC/ED GUIDANCE	32	2.625	6.469	2.344	6.500	7.844	9.938	14.094	22.063	12.906	30.563	23.031
382	ECONOMIST	4	3.000	6.750	2.500	5.750	8.750	9.250	20.000	19.750	13.500	32.000	23.750
383	SOCIOLOGIST	2	2.500	6.500	1.500	6.500	7.500	10.000	21.500	24.000	14.500	32.500	23.500
384	ANTHROPOLOGIST	5	2.200	7.200	2.400	6.800	9.600	12.000	14.000	24.200	12.000	32.000	23.600
389	SOCIAL SCI (MISC)	7	3.286	7.000	3.000	6.143	8.429	11.000	20.143	24.429	12.429	32.000	21.143
391	POLITICIAN	2	3.500	6.000	2.000	7.000	8.500	11.000	14.000	23.500	15.000	31.000	25.500
392	DIPLOMAT	9	2.375	7.125	2.500	6.750	9.625	10.125	15.750	22.750	13.000	32.000	23.625
393	LAWYER	13	2.692	6.846	2.462	6.077	7.692	9.538	15.000	22.077	12.231	31.615	23.308
397	PUBLIC ADM (NEC)	2	2.000	6.500	3.000	6.500	7.500	11.500	19.500	29.000	14.000	31.500	24.500
400	TEACHER (NEC)	1104	2.375	6.024	2.166	5.563	7.444	10.173	16.045	20.050	12.231	31.344	22.178
410	TCHNG YNG CHILDR	7	2.429	7.000	2.857	6.143	9.429	11.286	14.429	22.000	12.286	31.429	20.429
411	TCHNG PRESCH CHILDR	37	2.162	6.162	2.000	5.108	7.297	10.243	15.784	18.541	11.081	30.757	21.703
412	TEACHER-ELEM	752	2.303	5.794	2.124	5.471	7.326	10.121	15.638	19.471	12.053	31.221	21.927
420	TEACHER-HS (NEC)	89	2.461	6.292	2.067	5.697	7.629	10.337	16.876	20.876	12.674	31.315	23.427
421	TEACHER-HS MATH	62	2.758	5.984	2.290	5.919	7.937	11.290	17.500	20.548	12.742	31.855	24.194
422	TEACHER-HS SCI	41	2.463	6.293	2.171	5.805	7.683	9.878	17.049	22.268	12.341	31.780	23.341
423	TEACHER-HS SOC ST	68	2.529	6.397	2.324	5.721	7.926	9.985	15.529	19.941	12.632	31.485	22.382
424	TEACHER-ENGLISH	150	2.427	6.347	2.287	5.887	7.900	10.493	16.593	21.820	12.727	31.500	23.140
425	TEACHER-FOREIGN LANG	58	2.414	6.241	2.431	5.983	7.845	11.034	18.138	22.897	13.552	31.914	24.259
426	TEACHER-COMM ED	50	2.160	5.160	1.820	5.140	7.440	10.960	15.520	20.120	12.380	31.460	22.580
427	TEACHER-HS HOME EC	63	1.968	5.159	1.841	5.159	7.159	9.857	13.921	17.286	11.476	31.286	21.571
428	TEACHER-TRADES	2	2.500	5.000	2.000	5.000	7.500	9.000	12.000	20.500	9.500	29.500	21.500
429	TEACHER-PHYS ED	44	2.545	5.591	1.886	5.568	7.273	10.432	14.250	17.864	11.500	31.318	20.705
431	TEACHER-ART	51	2.510	6.373	2.333	5.451	8.157	10.294	16.863	20.725	12.255	31.451	22.510
432	TEACHER-MUSIC	59	2.466	5.948	1.948	5.414	7.621	10.776	17.190	20.948	12.414	31.655	23.431
433	TEACHER-SPEECH	4	3.000	6.750	2.000	6.000	8.250	11.000	19.000	26.750	12.000	32.250	24.500
440	TEACHER-HANDICAPPED	60	2.350	6.017	2.300	5.517	7.533	10.367	15.383	19.700	11.750	31.417	21.250
441	SPEECH THERAPIST	40	2.325	6.500	2.300	5.375	8.000	10.550	16.550	22.325	12.725	31.475	22.650
450	SCH ADM (EXC COLL)	9	2.333	6.667	1.778	5.111	7.556	9.556	12.778	17.222	13.000	31.556	21.222
460	COLL/UNIV TCHR (NEC)	90	2.433	6.633	2.556	6.189	7.933	10.278	17.311	22.133	12.700	31.856	22.789
461	COLL/UNIV TCHR-MATH	8	2.625	6.875	2.875	7.500	8.250	11.375	19.625	26.250	14.625	32.250	25.000
462	COLL/UNIV TCHR-SCI	20	3.100	7.150	2.750	6.600	8.450	10.100	19.350	23.550	13.450	31.900	24.450
463	COLL/UNIV TCHR-SOC SCI	25	3.000	6.880	2.680	5.960	8.320	10.960	18.040	23.880	12.720	31.560	23.720
464	COLL/UNIV TCHR-ENGLISH	49	2.796	7.000	2.531	6.490	8.306	11.204	19.429	25.143	14.000	32.306	24.735
465	COLL/UNIV TCHR-FOR LANG	21	3.095	6.952	2.952	6.381	8.143	12.333	19.762	24.286	13.238	32.143	24.000
470	COLL/UNIV TCHR-ADM	2	2.000	7.000	2.500	8.000	7.500	12.000	24.000	17.500	13.000	32.500	22.000
511	LIBRARIAN	54	2.630	6.519	2.278	6.222	7.778	10.648	16.981	20.870	13.278	31.741	23.593
521	CLERGYMAN	8	2.875	5.625	1.500	4.500	7.250	11.125	17.000	19.375	12.875	31.000	21.500
522	MONK, BROTHER, NUN	46	2.522	6.196	2.370	5.739	7.696	10.174	15.761	20.674	12.804	31.891	22.935
523	RELIG WRKR (OTHER)	36	2.194	5.083	1.889	5.500	7.000	9.417	14.861	18.167	11.444	30.500	21.667
531	WRITER (NEC)	31	2.323	6.452	2.355	5.613	7.806	10.613	17.032	21.774	12.355	31.581	23.097
532	FICTION WRITER	3	4.000	6.000	1.667	5.667	8.000	10.333	19.000	25.333	11.667	31.667	22.000
533	NONFIC WRTR (EXC JRNLST)	5	2.200	5.900	2.800	7.200	7.800	9.800	15.000	22.200	11.200	31.200	20.800

TABLE 1.4 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST II (CONTD.)								ENGLISH TEST		
			GAMES (SEDEN)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS	DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION
			R-149	R-150	R-151	R-152	R-162	R-211	R-212	R-220	R-231	R-232	R-233
000	NO ANSWER	1639	0.969	1.878	1.087	1.633	2.028	3.132	5.777	7.145	2.719	3.353	4.443
001	DON'T KNOW	262	1.108	1.941	1.083	1.666	2.045	3.164	5.794	7.194	2.808	2.920	4.55
010	HOUSEWIFE	4695	0.966	1.649	1.023	1.544	1.762	3.004	5.518	6.740	2.600	2.563	3.875
020	NO SPEC INCOME JOB	14	0.829	1.762	0.756	1.823	2.174	3.886	5.498	7.178	2.442	1.637	4.144
101	EXECUTIVE (NEC)	2	0.0	2.828	0.707	2.121	3.536	3.536	7.778	12.728	0.0	0.0	4.243
102	FOREMAN (NEC)	3	1.155	1.155	1.528	0.0	2.082	1.528	2.309	9.074	2.000	2.646	6.807
111	WORK FOR GOVT (NEC)	30	0.971	2.264	1.217	2.219	2.168	3.125	6.283	7.636	2.725	3.549	5.040
112	IN BUS FOR SELF (NEC)	19	0.958	1.447	1.029	1.674	1.166	3.786	5.589	7.226	3.262	7.437	2.986
120	IND, BUS, COMM	35	0.845	2.049	1.143	1.742	2.370	2.709	6.349	8.112	3.020	3.791	5.036
121	RETAIL (NEC)	7	0.577	1.414	0.951	1.512	0.976	3.388	4.933	7.135	2.116	1.528	4.036
122	TRANSPORTATION (NEC)	5	0.548	1.517	1.000	1.924	1.673	4.099	4.779	7.106	2.168	1.096	4.025
123	REAL ESTATE (NEC)	2	0.0	2.121	0.707	0.707	2.121	1.414	0.0	2.828	0.707	2.828	2.121
124	INSURANCE (NEC)	13	1.115	1.481	0.832	1.519	2.304	2.734	5.585	7.421	1.888	1.519	3.811
125	ELECTRONICS (NEC)	3	1.528	2.082	1.528	2.000	1.000	2.082	5.508	10.408	2.646	1.528	4.583
140	"WRK WTH PEOPLE" (NEC)	8	1.282	1.414	1.356	1.685	0.756	3.615	6.436	7.386	2.669	1.553	4.224
141	"WRK WITH CHILDR" (NEC)	14	0.864	1.968	0.770	1.406	1.729	3.275	5.318	6.297	2.602	3.215	4.276
150	RESEARCH	6	1.366	0.983	0.816	0.632	0.837	5.354	8.526	5.354	2.098	0.753	1.966
211	MATH, STAT	8	0.886	1.356	1.246	1.553	0.916	2.712	4.660	6.590	2.973	1.246	2.949
212	OTHER STATISTICS	5	0.837	1.140	1.225	1.304	1.304	3.899	1.342	6.164	2.588	1.304	1.581
221	SYSTEMS ANALYST	8	1.506	1.302	0.744	1.069	0.886	3.381	5.445	8.242	2.070	0.926	3.370
222	COMPUTER PROGRAMMER	45	1.421	1.401	0.960	1.372	1.452	2.367	5.009	6.301	2.269	1.264	3.641
229	COMPUTER SPEC (NEC)	7	0.900	1.069	0.787	0.535	1.069	3.055	5.398	4.451	1.952	0.817	1.155
231	CHEMIST	25	1.234	1.417	0.823	1.314	1.030	2.902	4.900	4.979	1.958	0.702	2.587
234	GEOLOGIST	2	1.414	1.414	1.414	0.707	0.707	1.414	14.142	4.950	2.121	0.707	0.707
241	CIVIL ENGINEER	2	0.0	0.0	0.707	2.121	1.414	3.536	9.192	5.657	2.121	0.0	0.0
245	CHEM ENGINEER	2	1.414	0.707	0.707	1.414	0.707	0.0	7.071	2.828	2.121	0.707	0.707
299	PHYS SCI, LAB TECH	23	1.237	1.517	1.072	1.769	1.636	3.055	5.212	6.484	2.225	1.842	2.865
310	BIOLOGIST, ZOOLOGIST	14	1.139	1.216	0.829	1.592	0.949	3.561	6.565	3.837	2.377	1.151	2.102
314	WLDLF/FOREST SPEC	2	0.0	0.0	0.0	0.707	0.0	3.536	4.243	2.121	0.707	0.707	1.414
315	PHARMACOLOGIST	2	0.707	0.0	1.414	0.707	0.0	0.0	0.707	4.243	1.414	0.0	0.0
316	MICROBIOLOGIST	15	1.291	1.438	0.640	1.502	1.100	3.761	5.630	4.520	2.507	0.990	2.769
317	BIOCHEMIST	7	1.113	0.816	1.134	1.291	0.787	2.309	5.224	4.860	1.134	0.756	1.704
319	OTHER CHEM SCI	9	1.061	1.195	0.926	1.581	1.389	2.066	3.944	4.892	1.126	4.071	2.997
329	MD-OTHER	19	1.342	1.147	0.733	1.398	0.612	2.621	4.447	6.700	1.599	1.353	2.168
333	VETERINARIAN	4	0.957	0.500	1.000	0.816	0.816	3.109	1.708	8.226	1.633	0.957	2.646
335	PHARMACIST	16	0.750	1.377	0.854	0.998	0.981	3.474	4.909	6.376	2.287	1.237	1.879
337	RN	763	0.953	1.423	0.922	1.351	1.334	2.721	5.276	5.897	2.403	2.313	3.200
341	DENTAL HYGIENIST	28	0.819	1.319	1.067	1.750	1.630	2.782	5.209	5.522	2.059	1.219	3.426
343	PHYS THERAPIST	15	0.957	1.155	1.138	1.482	1.438	2.689	5.674	6.583	2.294	0.873	3.177
344	OCCUP THERAPIST	13	1.345	1.256	0.641	1.589	1.325	3.219	6.521	6.364	2.734	0.832	4.021
346	SPEC THERAPIST (MISC)	10	0.612	1.250	0.885	1.124	1.387	3.006	6.309	6.268	2.335	1.286	3.435
347	MED/DENT TECHNOL	101	1.099	1.407	0.828	1.406	1.222	2.909	4.723	5.947	2.415	1.209	3.196
348	MED/DENT TECHNICIAN	134	1.044	1.494	1.045	1.548	1.664	2.906	5.357	6.895	2.670	1.663	3.452
360	PSYCHOLOGIST	37	1.170	1.381	1.095	1.534	1.273	2.367	4.731	6.614	2.188	0.917	3.324
369	PSYCH RES ASST	2	1.414	0.707	1.414	1.414	0.707	2.828	3.536	0.707	0.707	0.707	1.414
370	SOCIAL WORKER	190	1.064	1.645	1.045	1.392	1.443	3.020	5.698	7.000	2.188	2.706	3.573
371	PSYCHIATRIC SOC WRKR	18	0.958	1.618	1.029	1.023	0.826	2.564	5.806	5.421	2.109	1.247	2.657
372	COUNSELING/GUIDANCE	16	1.289	0.730	1.025	1.025	1.065	2.857	3.958	7.754	2.175	0.719	2.713
373	VOC/ED GUIDANCE	32	1.238	1.586	0.865	1.503	1.439	3.192	5.590	5.897	2.374	5.702	2.741
382	ECONOMIST	4	0.816	0.957	1.291	0.957	0.500	0.957	4.243	7.719	1.291	0.817	0.500
383	SOCIOLOGIST	2	0.707	0.707	2.121	0.707	0.707	2.828	3.536	1.414	0.707	0.707	0.707
384	ANTHROPOLOGIST	5	0.837	1.304	0.548	1.643	0.548	2.449	5.477	6.058	1.581	0.0	1.517
389	SOCIAL SCI (MISC)	7	1.254	1.000	0.577	1.464	0.787	1.915	1.952	4.276	0.976	0.817	3.132
391	POLITICIAN	2	0.707	1.414	0.0	0.0	0.707	1.414	11.314	6.364	1.414	0.0	0.707
392	DIPLOMAT	9	1.061	0.991	1.069	0.886	0.744	2.167	3.919	3.808	2.204	0.534	1.506
393	LAWYER	13	1.251	1.345	1.127	1.441	1.182	2.665	4.708	5.299	2.555	1.044	2.689
397	PUBLIC ADM (NEC)	2	1.414	2.121	1.414	0.707	0.707	2.121	6.364	0.0	1.414	0.707	0.707
400	TEACHER (NEC)	1124	1.049	1.529	1.005	1.440	1.447	2.999	5.416	6.573	2.312	2.446	3.270
410	TCHNG YNG CHILDR	7	0.535	0.816	0.690	1.574	0.787	2.870	5.412	7.165	3.039	0.787	2.370
411	TCHNG PRESCH CHILDR	37	0.898	1.236	0.943	1.329	1.431	2.660	4.934	6.283	2.742	5.320	2.885
412	TEACHER-ELEM	752	0.989	1.567	0.977	1.392	1.461	2.960	5.394	6.073	2.431	2.875	3.273
420	TEACHER-HS (NEC)	89	1.119	1.236	0.915	1.152	1.162	3.148	5.239	6.210	2.077	3.332	2.593
421	TEACHER-HS MATH	62	1.003	1.645	0.818	1.406	1.320	2.712	5.440	5.644	2.088	1.129	1.982
422	TEACHER-HS SCI	41	1.185	1.383	1.070	1.520	1.254	3.964	5.966	5.436	2.309	1.314	2.425
423	TEACHER-HS SOC ST	69	1.072	1.447	1.014	1.381	1.226	2.831	5.176	6.960	2.349	1.377	2.829
424	TEACHER-ENGLISH	152	0.958	1.336	0.972	1.402	1.153	2.889	5.509	6.168	2.471	2.826	3.301
425	TEACHER-FOREIGN LANG	59	1.044	1.615	0.957	1.504	1.496	2.778	5.090	5.546	1.635	0.960	2.140
426	TEACHER-COMM ED	50	1.076	1.543	0.896	1.309	1.248	3.023	4.717	6.368	2.156	1.147	2.400
427	TEACHER-HS HOME EC	63	1.077	1.558	0.919	1.537	1.537	3.042	5.119	5.520	2.355	1.301	3.161
428	TEACHER-TRADES	2	0.707	1.414	0.0	0.0	0.707	0.0	0.0	3.536	2.121	2.121	3.536
429	TEACHER-PHYS ED	44	0.951	1.703	0.945	1.453	1.619	2.976	4.686	6.964	2.454	1.116	3.100
431	TEACHER-ART	51	1.065	1.341	0.993	1.474	0.967	2.995	5.411	5.675	2.048	1.137	2.880
432	TEACHER-MUSIC	58	1.063	1.605	0.999	1.451	1.473	3.061	5.781	6.645	2.355	1.178	3.004
433	TEACHER-SPEECH	4	0.0	1.500	0.816	0.816	0.500	3.162	8.124	0.957	1.155	0.957	1.000
440	TEACHER-HANDICAPPED	60	1.022	1.479	0.830	1.524	1.241	2.804	6.104	5.904	2.282	1.109	3.418
441	SPEECH THERAPIST	40	1.047	1.377	1.018	1.234	1.013	2.679	4.904	5.863	1.921	1.377	2.434
450	SCH ADM (EXC COLL)	9	1.500	0.866	1.202	1.269	1.509	3.245	6.058	5.426	1.323	1.236	2.774
460	COLL/UNIV TCHR (NEC)	90	1.132	1.126	0.888	1.421	1.265	2.983	4.847	5.585	2.211	1.176	2.568
461	COLL/UNIV TCHR-MATH	9	0.744	1.126	1.126	0.756	0.886	2.134	5.097	5.285	0.916	1.389	2.268
462	COLL/UNIV TCHR-SCI	20	1.165	0.933	1.070	1.231	0.686	2.573	4.545	5.186	2.305	0.852	2.139
463	COLL/UNIV TCHR-SOC SCI	25	1.080	1.563	1.030	1.541	1.492	3.020	5.184	6.476	2.390	1.261	2.509
464	COLL/UNIV TCHR-ENGLISH	40	1.323	1.258	1.043	1.210	0.895	3.116	4.605	4.610	1.208	0.847	1.823
465	COLL/UNIV TCHR-FOR LANG	21	1.044	1.161	0.921	1.359	1.315	2.221	4.560	5.149	2.071	0.727	2.388
470	COLL/UNIV TCHR-ADM	2	0.0	1.414	0.707	0.0	2.121	1.414	0.0	9.192	1.414	0.707	1.414
511	LIBRARIAN	54	1.170	1.342	0.979	1.223	1.410	2.679	5.156	5.818	1.917	1.102	2.865
521	CLERGYMAN	9	1.356	1.923	1.195	0.926	1.488	2.850	6.969	4.688	1.885	1.512	4.472
522	MONK, BROTHER, NUN	46	0.888	1.376	0.951	1.201	1.093	3.375	4.958	5.766	1.939	1.016	2.645
523	RELIG WRKR (OTHER)	34	1.215	1.811	0.950	1.540	1.454	3.316	5.890	5.794	3.418	5.343	4.846
531	WRITER (NEC)	31	1.275	1.287	0.877	1.498	1.195	2.629	6.135	4.326	2.106	0.923	2.712
532	FICTION WRITER	3	1.732	1.732	1.155	0.577	1.000	2.082	4.359	2.082	3.055	1.155	6.083
533	NONFIC WRTR (EXC JRNLST)	6	0.447	2.490	0.837	1.643	1.789	3.701	8.093	9.497	2.683	1.924	2.864

TABLE 1.4 (continued)

#	GROUP	N	MEANS										
			INFORMATION TEST II (CONTD.)									ENGLISH TEST	
			GAMES (SEDEN)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS	DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION
			R-149	R-150	R-151	R-152	R-162	R-211	R-212	R-220	R-231	R-232	R-233
534	JRNLST/RPRTER	20	2.150	6.750	2.500	5.950	7.950	11.450	17.500	23.150	13.050	31.900	23.050
536	PUBLISHER, ETC.	5	2.200	6.000	2.800	4.600	8.000	10.800	13.200	22.600	13.400	31.800	21.600
537	EDITOR	8	3.375	7.250	2.500	6.375	8.125	11.000	18.000	22.750	14.000	31.875	23.500
539	TRNSLTR, INTRPRTR, LINGST	9	2.778	6.333	2.000	6.556	8.444	12.556	20.222	25.333	14.667	32.222	24.111
541	FINE ARTS	31	2.097	6.065	2.613	5.355	7.645	10.323	14.677	18.355	11.161	29.516	21.548
545	COMM ARTIST	41	2.146	5.659	2.220	5.341	7.171	8.927	14.049	17.976	11.268	31.073	21.415
547	DESIGNER (CONS GDS)	5	2.200	6.800	2.400	6.400	7.400	10.400	16.400	17.400	10.600	31.200	20.400
551	MUSICIAN	11	2.273	6.182	2.182	5.727	8.000	10.000	16.818	23.636	13.545	32.091	24.727
552	SINGER	5	2.600	5.600	2.200	5.600	7.000	10.000	13.200	22.400	10.400	31.000	20.400
559	MUSIC-REL (MISC)	9	3.000	6.667	2.000	5.778	7.778	9.333	20.556	23.111	11.889	31.444	21.778
560	DANCER, CHOREOG	14	2.929	6.429	2.357	5.571	7.286	10.929	16.643	21.429	12.857	31.786	21.357
571	ACTOR	6	2.167	6.833	2.333	5.833	8.500	11.167	17.667	22.333	11.167	31.167	22.333
575	THEATRE ((OTHER)	14	2.643	7.143	2.429	5.357	7.857	10.500	17.143	23.714	12.643	31.429	22.143
579	MISC PERF ARTS	3	2.667	7.000	2.667	6.667	7.000	7.667	11.667	21.667	12.333	31.667	22.667
581	MODEL	4	2.000	5.750	1.500	5.000	7.000	9.250	15.500	19.250	11.750	30.250	20.000
621	RECREATION DIR	12	2.750	6.000	2.250	5.917	7.750	10.667	15.667	19.417	11.083	31.500	22.250
622	CMPNG, SCTNG, PRK GD	3	2.333	6.667	3.000	7.000	7.667	12.667	13.667	18.667	11.000	31.333	22.000
639	FARMING (OTHER)	6	2.000	4.500	1.333	4.167	7.167	10.667	15.833	20.333	10.833	32.167	21.167
711A	BANKING & FINANCE, I	30	2.000	5.100	1.767	4.533	6.733	9.800	12.700	19.200	11.100	30.167	18.900
711B	BANKING & FINANCE, II	4	3.250	5.250	2.250	6.500	8.500	10.000	15.500	22.250	11.250	32.000	22.500
712	INVSTMNT, STOCK CONSULT	2	3.000	6.500	2.500	4.500	7.000	6.500	13.500	15.000	11.500	31.500	21.500
716	CPA	25	2.320	5.680	2.000	5.640	7.120	9.840	15.240	19.720	12.600	31.240	22.280
717	ACCTANT (EXC CPA)	50	2.140	5.060	1.400	4.940	6.860	9.840	13.700	17.520	10.580	31.360	20.600
721	PURCHASING AGENT	4	1.750	4.000	1.750	4.500	7.000	8.750	10.500	17.000	12.000	30.000	17.000
722	RETAIL BUYER	24	2.250	6.083	2.417	5.042	7.042	8.583	15.375	14.625	11.083	31.792	21.958
724	ADVERTISING	32	2.125	6.531	2.563	5.563	7.531	9.906	15.375	21.500	13.125	31.469	21.219
725	PUBLIC RELATIONS	16	2.063	6.500	2.188	5.500	7.625	10.438	17.000	20.063	11.250	31.625	21.625
726	PERSONNEL ADMIN	25	2.680	6.320	2.200	6.120	8.000	10.720	18.560	20.400	13.000	32.200	23.880
727	APPRAISING, ESTIMATING	13	2.385	5.769	2.077	5.154	7.462	10.385	14.462	18.154	10.846	30.846	19.846
728	LOAN/CREDIT INVESTIG	11	2.182	5.273	1.727	5.091	7.273	10.182	16.364	18.727	11.091	31.273	20.545
730	BUS MGMT ADM (NEC)	19	2.105	4.368	1.684	4.632	6.263	9.842	13.684	14.947	11.053	31.211	18.895
732	WHSL/RET TRADE MGMT/MKTG	12	2.750	6.250	2.000	5.750	7.750	10.417	14.250	20.000	10.750	30.583	21.167
738	SUPERVISOR IN BUS	8	1.750	5.125	1.375	5.500	7.000	11.250	15.625	19.750	11.125	30.875	22.375
741	SALESCLERK	34	1.941	3.971	1.147	4.235	5.265	9.324	10.500	13.882	10.206	30.324	17.353
743	STOCKBROKER	4	3.250	6.500	2.750	5.000	7.750	9.000	19.750	25.500	12.750	31.000	20.250
745	REAL ESTATE SLSMAN	6	2.000	5.833	2.500	5.833	7.667	9.833	12.167	23.167	12.000	31.000	20.833
746	INSURANCE SLSMAN	5	2.000	4.000	2.600	5.000	7.200	11.400	14.200	17.000	11.600	29.800	19.400
748	OTHER SLSMAN (NEC)	13	2.385	5.538	2.538	4.769	7.923	9.923	13.538	20.000	11.462	30.846	21.692
749	SALES MGR	2	2.000	7.500	3.000	6.000	7.000	8.000	18.000	20.500	12.000	29.000	19.000
751	BOOKKEEPER	131	2.008	4.786	1.664	4.718	6.489	9.496	13.420	17.145	10.802	30.618	19.916
752	TELLER OR BANK CLRK	37	2.000	4.946	1.622	5.054	6.432	9.108	14.324	17.243	11.459	31.108	19.216
753	CASHIER	17	1.941	5.176	1.412	4.647	6.294	9.882	11.882	20.176	12.059	30.471	20.706
755	MISC ACCT RECDG	64	2.250	5.094	1.734	4.781	6.672	9.438	12.234	17.359	11.141	30.375	20.063
756	KEYPUNCH OP	83	2.000	4.651	1.506	4.289	6.337	9.072	12.699	16.277	10.506	30.458	19.108
757	KEYPUNCH INSTRUC	4	2.000	4.000	1.500	3.500	5.000	8.500	11.000	17.500	9.250	31.500	16.250
758	COMPUTER OP	65	2.000	5.046	1.769	4.615	6.477	9.031	13.062	15.662	10.400	29.938	18.892
761	SECRETARY (NEC)	997	2.095	5.327	1.789	4.951	6.884	9.620	14.023	19.166	11.914	31.006	20.874
762	SECRETARY-BOOKKEEPER	23	2.217	4.957	1.478	5.087	6.696	9.913	13.826	17.043	11.000	28.304	21.348
763	MED/DENT SECRETARY	47	2.234	5.617	2.149	5.234	6.894	9.574	14.894	20.213	11.809	30.043	20.681
764	LEGAL SECRETARY	61	2.066	4.984	1.770	4.951	7.131	8.803	14.443	19.639	12.377	31.180	21.279
765	STENO, CRT RPRTR	69	1.928	4.884	1.261	4.754	6.406	9.826	14.812	18.826	11.275	30.130	19.942
766	TYPIST, CLERK TYPIST	103	2.117	4.728	1.534	4.417	6.379	9.369	11.262	15.864	10.922	30.680	19.184
768	PROOFREADER	2	2.000	4.500	1.500	3.000	5.000	12.000	18.500	16.000	11.500	28.500	16.500
769	CLERK (MISC)	137	1.971	4.431	1.328	4.547	6.307	9.044	12.299	15.628	10.620	30.343	19.212
771	OFFICE SUPERVISOR	14	2.143	4.571	2.357	5.286	6.571	9.143	11.571	21.214	11.929	30.571	19.429
772	OFFICE MGR	5	3.000	4.800	2.000	5.000	6.600	10.800	13.400	16.800	10.800	30.600	17.600
781	PHONE, PBX OP	45	1.733	4.400	1.556	4.289	6.022	9.044	12.467	15.756	11.000	30.600	18.400
789	OTHER "PUB CONT" OCCS	58	2.034	5.259	1.690	4.759	6.293	9.293	13.190	18.448	11.310	30.224	19.431
791	RADIO, TELEGR, TTY OP	4	2.750	4.000	1.000	3.250	5.500	8.250	11.000	10.500	10.250	31.250	17.250
797	MISC CLERICAL	12	1.750	4.083	1.000	4.417	5.000	10.667	9.250	11.000	9.583	28.750	17.917
798	MISC ADMINISTRATIVE	17	2.706	6.529	2.647	5.471	8.471	9.118	16.882	20.588	12.882	31.471	21.647
833	METAL TRADES	2	2.500	5.000	1.500	4.500	7.500	10.500	10.000	16.000	10.000	30.000	19.500
861	PRINTING TRADES	6	2.000	5.167	2.000	6.000	8.167	9.667	12.833	21.333	11.333	31.667	21.167
864	DRAFTSMAN	4	2.500	5.500	1.750	6.250	7.500	10.000	14.500	17.750	11.500	32.250	24.000
865	PHOTOGRAPHY	4	2.250	5.250	2.000	6.500	7.750	8.500	9.000	20.000	11.500	32.000	20.750
866	INTERIOR DECORATOR	21	2.429	5.667	2.095	4.952	7.333	10.857	15.476	18.000	10.810	31.048	21.381
867	LANDSCAPE ARCHIT	2	4.000	6.500	1.000	6.500	7.000	10.500	18.000	21.500	13.500	31.500	22.500
868	CLTHNG & FASH TRADES	50	1.760	4.280	1.420	4.360	5.720	10.100	12.560	14.800	10.860	29.740	18.260
871	DIETITIAN	22	2.409	5.591	2.455	6.000	7.091	10.409	16.409	20.227	11.955	31.773	22.364
872	HOME ECONOMIST	30	2.200	6.067	1.967	5.533	7.467	10.500	15.167	18.733	11.700	31.367	22.500
873	AIRLN STEWRD, STEWRDESS	13	2.154	5.077	1.692	4.923	7.615	9.077	15.615	19.000	11.154	31.692	21.000
881	FOOD & BEVERAGE PREP	5	1.800	3.400	1.200	5.000	5.400	10.000	9.600	6.200	6.600	28.600	15.600
891	MISC PERSONAL SERV	28	2.214	4.286	1.429	4.071	6.179	9.107	11.679	15.857	11.071	30.000	18.750
893	HAIRDRESSER	196	1.740	4.276	1.439	4.291	5.954	9.031	11.321	14.592	10.173	30.015	18.087
894	PRACTICAL NURSE	119	1.771	4.424	1.458	4.466	5.983	9.407	12.424	14.220	10.712	30.017	17.890
895	NURSES' AIDE	23	2.217	4.522	1.609	4.609	6.696	9.565	12.522	17.783	11.174	30.826	20.087
896	DOMESTIC SERVICE	4	2.000	2.750	1.750	5.000	4.750	9.000	16.000	14.500	9.500	30.750	19.250
899	GENERAL LABORER	76	1.658	3.934	1.158	3.803	5.421	9.250	10.053	13.316	9.763	29.316	17.066
	TOTAL	14703	2.183	5.395	1.893	5.082	6.925	9.766	14.308	18.581	11.525	30.906	20.728

TABLE 1.4 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INFORMATION TEST II (CONTD.)									ENGLISH TEST	
			GAMES (SEDEN)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS	DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION
			R-149	R-150	R-151	R-152	R-162	R-211	R-212	R-220	R-231	R-232	R-233
4	JRNLST/RPRTER	20	0.813	1.372	1.000	1.356	0.999	3.069	5.605	5.603	1.849	1.119	3.000
536	PUBLISHER, ETC.	5	0.447	1.871	0.447	1.140	1.225	2.049	6.648	5.983	2.074	1.096	3.975
537	EDITOR	8	1.188	1.165	1.195	1.768	1.458	2.777	5.425	7.778	1.690	0.834	2.268
539	TRNSLTR, INTRPRTR, LINGST	9	0.833	1.323	1.000	1.014	1.014	1.236	5.783	4.899	0.866	0.667	2.147
541	FINE ARTS	31	1.136	1.436	0.919	1.780	1.582	2.891	5.741	6.868	2.505	5.709	3.923
545	COMM ARTIST	61	0.937	1.442	0.962	1.371	1.447	2.919	6.012	6.517	2.975	1.473	3.391
547	DESIGNER (CONS GDS)	5	0.837	1.643	0.548	1.342	0.894	2.966	5.550	3.507	1.949	2.049	3.847
551	MUSICIAN	11	1.104	0.982	0.405	1.555	0.894	2.490	6.661	6.757	2.162	0.831	1.489
552	SINGER	5	0.894	2.191	1.095	1.949	1.871	3.536	7.662	8.142	3.912	1.414	5.550
559	MUSIC-REL (MISC)	9	1.000	1.323	0.866	1.716	1.481	2.550	3.678	6.608	2.028	1.236	2.438
560	DANCER, CHOREOG	14	1.072	1.697	1.216	1.399	1.729	2.165	6.380	6.223	2.770	1.122	3.411
571	ACTOR	6	0.753	1.169	1.033	1.169	0.837	2.639	4.457	5.610	2.563	0.983	3.559
575	THEATRE ((OTHER)	14	1.008	1.099	0.756	1.598	1.406	2.245	4.572	5.413	1.646	1.223	3.060
579	MISC PERF ARTS	3	0.577	0.0	0.577	1.528	2.646	2.082	3.786	3.786	1.528	1.528	2.082
581	MODEL	4	1.826	1.708	1.291	1.633	1.633	4.272	5.568	6.702	1.258	1.500	2.944
621	RECREATION DIR	12	1.357	1.537	0.866	1.621	1.422	3.774	4.677	9.806	3.397	1.314	3.388
622	CMPNG, SCTNG, PRK GD	3	0.577	1.155	0.0	1.732	1.155	1.528	5.508	6.658	2.646	1.155	5.196
639	FARMING (OTHER)	6	0.632	1.517	1.211	2.229	2.137	2.338	5.636	9.331	2.317	0.753	2.994
711A	BANKING & FINANCE, I	30	0.871	1.709	0.935	1.525	1.552	3.458	6.154	5.095	3.387	5.790	5.040
711B	BANKING & FINANCE, II	4	0.957	0.500	0.500	0.577	0.577	1.414	3.697	5.058	1.500	0.817	1.291
712	INVSTMNT, STOCK CONSULT	2	0.0	0.707	0.707	2.121	1.414	2.121	0.707	2.828	3.536	0.707	0.707
716	CPA	25	0.945	1.819	1.443	1.551	1.453	2.996	5.732	5.675	2.345	1.200	3.049
717	ACCTANT (EXC CPA)	50	1.143	1.707	1.030	1.376	1.690	2.728	5.437	6.437	2.331	1.321	3.276
721	PURCHASING AGENT	4	0.500	0.816	0.500	1.291	0.816	1.893	6.952	7.118	1.414	0.816	5.477
722	RETAIL BUYER	24	0.897	1.316	0.929	1.429	1.197	3.550	5.523	6.671	2.535	1.503	2.710
724	ADVERTISING	32	0.751	1.295	1.134	1.366	1.436	3.052	4.995	4.600	1.773	1.459	3.290
725	PUBLIC RELATIONS	16	1.063	1.317	0.403	1.155	0.957	3.558	5.099	4.800	2.595	0.885	2.778
726	PERSONNEL ADMIN	25	1.249	1.520	0.866	1.130	1.000	2.685	5.140	7.610	2.291	0.957	2.635
727	APPRAISING, ESTIMATING	13	0.768	1.092	1.038	1.405	1.198	2.959	6.691	8.081	2.230	1.344	3.805
728	LOAN/CREDIT INVESTIG	11	0.874	1.272	0.786	1.578	1.489	2.786	5.836	7.643	2.625	1.191	4.435
730	BUS MGMT ADM (NEC)	10	0.809	1.535	0.885	1.342	1.996	2.734	6.047	5.492	2.592	0.976	3.710
732	WHSL/RET TRADE MGMT/MKTG	12	1.138	1.138	1.044	1.215	1.138	3.232	5.029	5.205	2.958	2.021	3.407
738	SUPERVISOR IN BUS	8	0.463	1.356	1.302	0.756	1.690	2.435	5.805	7.285	2.949	1.553	4.926
741	SALESCLERK	36	1.013	1.467	0.925	1.415	1.814	3.300	4.607	7.285	2.532	1.609	3.123
743	STOCKBROKER	4	1.258	1.000	0.957	1.414	1.258	2.309	4.924	2.082	1.500	1.633	3.686
745	REAL ESTATE SLSMAN	6	1.414	1.472	1.378	1.602	1.862	0.753	7.333	5.981	2.757	2.530	5.456
746	INSURANCE SLSMAN	5	0.707	1.225	0.894	0.707	0.837	2.702	5.357	10.320	1.949	2.588	3.975
748	OTHER SLSMAN (NEC)	13	0.870	1.761	1.050	1.092	1.115	3.353	2.634	6.856	2.602	1.463	3.011
749	SALES MGR	2	1.414	0.707	1.414	2.828	2.828	1.414	4.243	12.021	5.657	4.243	8.485
751	BOOKKEEPER	131	1.027	1.719	1.012	1.427	1.790	3.067	5.579	6.912	2.397	1.778	3.437
752	TELLER OR BANK CLRK	37	0.816	1.373	1.114	1.649	1.708	2.979	5.223	5.819	2.116	1.149	3.637
753	CASHIER	17	0.899	1.976	0.870	1.320	1.961	3.180	4.820	5.306	2.561	2.239	2.889
755	MISC ACCT RECDG	64	1.069	1.650	0.963	1.442	1.415	2.943	5.356	6.649	2.690	4.006	4.186
756	KEYPUNCH OP	83	0.911	1.518	1.029	1.366	1.882	2.887	5.094	6.290	2.689	1.889	3.901
757	KEYPUNCH INSTRUC	4	0.0	1.826	1.291	1.732	1.633	1.732	5.888	6.191	2.500	0.577	4.113
758	COMPUTER OP	55	0.935	1.727	1.072	1.598	1.838	3.279	5.844	7.480	2.585	4.465	4.521
761	SECRETARY (NEC)	997	0.958	1.587	0.998	1.492	1.696	3.042	5.433	6.341	2.363	2.570	3.538
762	SECRETARY-BOOKKEEPER	23	0.902	1.665	0.947	1.621	1.550	3.566	5.211	7.042	3.045	9.017	4.895
763	MED/DENT SECRETARY	47	0.890	1.609	0.932	1.507	1.618	3.077	6.235	6.290	2.983	4.965	4.626
764	LEGAL SECRETARY	61	0.873	1.384	1.039	1.394	1.218	3.390	5.393	6.646	2.091	1.708	3.173
765	STENO, CRT RPRTR	63	0.880	1.641	1.038	1.398	1.701	3.167	5.696	6.533	3.235	5.426	4.867
766	TYPIST, CLERK TYPIST	173	0.993	1.616	0.998	1.369	1.826	3.020	4.734	6.440	2.235	1.682	4.066
768	PROOFREADER	2	0.0	0.707	0.707	2.828	2.828	1.414	4.950	8.485	3.536	4.950	9.192
769	CLERK (MISC)	137	0.874	1.580	0.908	1.604	1.845	3.150	6.109	6.568	2.521	3.480	4.427
771	OFFICE SUPERVISOR	14	1.099	2.027	1.151	1.139	1.016	2.852	6.035	5.508	2.018	2.344	4.327
772	OFFICE MGR	5	1.000	1.483	1.000	2.550	1.140	1.789	4.506	5.450	1.924	0.894	3.782
781	PHONE, PBX OP	65	0.986	1.483	0.990	1.646	1.712	2.477	5.488	6.575	2.611	2.071	3.922
789	OTHER "PUB CONT" OCCS	59	1.025	1.850	1.012	1.593	2.061	3.157	5.972	7.150	3.119	4.519	4.921
791	RADIO, TELEGR, TTY OP	4	0.957	0.816	0.816	1.258	2.646	4.272	2.582	8.347	3.948	2.363	4.113
797	MISC CLERICAL	12	1.288	1.881	0.739	1.379	1.859	2.270	4.351	5.117	3.029	2.989	4.316
798	MISC ADMINISTRATIVE	17	0.588	1.007	0.702	1.281	0.717	3.462	5.110	4.810	2.315	1.068	2.999
833	METAL TRADES	2	0.707	2.828	2.121	2.121	0.707	3.536	2.828	15.556	1.414	1.414	2.121
861	PRINTING TRADES	6	0.894	1.169	0.0	1.095	0.753	3.445	5.601	5.989	2.875	1.033	3.371
864	DRAFTSMAN	4	1.291	2.646	1.258	0.500	1.291	2.582	1.732	5.909	1.291	0.957	2.160
865	PHOTOGRAPHY	4	1.258	2.217	0.816	1.291	0.500	3.109	4.243	11.343	3.873	0.817	2.754
866	INTERIOR DECORATOR	21	1.326	1.528	0.831	1.071	1.623	2.744	6.416	7.791	2.591	2.313	3.122
867	LANDSCAPE ARCHIT	2	0.0	0.707	1.414	0.707	0.0	2.121	7.071	6.364	0.707	0.707	3.536
868	CLTHNG & FASH TRADES	50	1.318	1.980	1.162	1.782	2.138	2.794	6.357	6.803	2.523	2.648	4.526
871	DIETITIAN	22	0.796	1.869	0.859	1.380	1.601	3.172	6.299	7.118	2.681	1.232	2.341
872	HOME ECONOMIST	30	1.157	1.311	0.890	1.432	1.569	2.701	5.515	6.432	2.535	1.326	3.721
873	AIRLN STEWRD, STEWRDESS	13	0.555	1.320	0.967	1.320	1.446	2.597	5.561	8.794	2.304	0.855	3.697
881	FOOD & BEVERAGE PREP	5	1.095	1.817	1.095	1.581	1.517	3.937	2.702	4.496	2.881	2.302	4.037
891	MISC PERSONAL SERV	28	0.876	1.630	0.997	1.514	1.634	3.095	5.774	7.536	2.260	2.160	4.436
893	HAIRDRESSER	196	0.894	1.494	0.961	1.433	1.843	3.201	4.834	6.682	2.552	3.718	3.948
894	PRACTICAL NURSE	118	0.999	1.630	0.993	1.448	2.017	3.133	4.803	6.553	2.792	3.097	3.891
895	NURSES' AIDE	23	1.085	2.129	0.988	1.530	2.183	2.711	4.990	6.888	2.871	1.775	3.741
896	DOMESTIC SERVICE	4	0.816	1.708	0.957	3.367	2.217	4.761	5.944	7.937	1.291	2.872	6.185
899	GENERAL LABORER	76	0.841	1.821	0.865	1.286	2.351	2.757	5.135	7.392	2.597	4.041	4.103
	TOTAL	14703	1.017	1.720	1.049	1.582	1.768	3.055	5.715	6.850	2.612	2.757	3.995

TABLE 1.4 (continued)

#	GROUP	N	MEANS										
			ENG. TEST (CONTD.)									MATH TEST	
			USAGE	EFFECT EXPRESS	WORD FN IN SENT	READING COMP	CREATIVITY	MECH REASONING	VIS IN 2-DIM	VIS IN 3-DIM	ABSTRACT REAS	ARITH REASONING	INTRO HS MATH
			R-234	R-235	R-240	R-250	R-260	R-270	R-281	R-282	R-290	R-311	R-312
000	NO ANSWER	1639	17.725	9.299	11.450	42.451	8.952	8.592	11.543	8.292	8.985	8.321	9.695
001	DON'T KNOW	262	18.332	9.763	12.798	35.382	9.427	9.615	12.328	9.069	9.553	9.473	11.691
010	HOUSEWIFE	6605	18.130	9.633	12.073	34.255	9.624	9.208	12.579	8.798	9.608	9.056	10.190
020	NO SPEC INCOME JOB	14	17.714	9.143	12.000	28.857	8.000	8.643	9.714	7.500	8.714	8.214	9.643
101	EXECUTIVE (NEC)	2	16.000	8.500	12.500	28.000	9.000	5.500	17.500	8.500	10.000	9.500	7.500
102	FOREMAN (NEC)	3	20.333	10.000	12.333	36.667	9.667	9.333	13.667	8.333	7.667	8.000	13.333
111	WORK FOR GOVT (NEC)	30	17.467	9.633	12.333	34.533	9.333	8.267	12.400	8.600	8.500	9.133	11.500
112	IN BUS FOR SELF (NEC)	18	18.944	9.944	14.833	37.000	9.500	10.278	10.500	9.444	10.167	9.833	11.333
120	IND, BUS, COMM	35	17.057	9.457	10.371	28.857	8.371	8.486	12.057	8.086	8.629	8.171	10.229
121	RETAIL (NEC)	7	19.000	10.571	12.571	40.429	8.571	8.000	14.857	7.714	10.143	9.571	12.429
122	TRANSPORTATION (NEC)	5	16.600	10.200	13.800	40.000	10.400	8.600	11.400	9.600	9.600	8.600	13.400
123	REAL ESTATE (NEC)	2	16.000	10.000	10.000	32.500	11.500	7.500	13.000	7.000	10.000	7.500	10.500
124	INSURANCE (NEC)	13	17.385	10.154	13.692	35.692	9.692	9.846	13.308	9.846	9.769	9.385	10.231
125	ELECTRONICS (NEC)	3	16.000	9.667	6.667	32.333	4.667	8.[illegible]	5.000	6.667	8.000	6.000	10.667
140	"WRK WTH PEOPLE" (NEC)	8	19.000	10.750	14.250	38.625	9.625	11.000	12.625	10.125	9.750	8.625	12.000
141	"WRK WITH CHILDR" (NEC)	14	16.857	8.429	9.000	31.571	5.929	7.571	11.571	8.214	7.286	7.286	6.929
150	RESEARCH	6	20.500	10.667	15.500	42.000	13.167	14.000	14.500	10.667	10.833	12.167	19.000
211	MATH, STAT	8	20.750	10.625	20.250	41.625	11.625	14.125	15.125	11.750	12.250	12.125	20.250
212	OTHER STATISTICS	5	22.600	10.800	21.000	44.600	13.200	14.600	15.800	12.800	11.800	15.400	23.000
221	SYSTEMS ANALYST	8	21.250	10.125	19.500	42.500	13.750	15.750	18.125	13.250	12.625	14.250	21.000
222	COMPUTER PROGRAMMER	45	19.222	10.400	14.889	38.844	12.111	11.644	14.511	10.533	11.378	11.778	16.467
229	COMPUTER SPEC (NEC)	7	21.286	11.143	17.571	45.429	12.857	13.714	14.429	13.286	13.000	14.143	18.143
231	CHEMIST	25	20.040	10.560	18.680	45.120	12.940	13.400	16.080	11.720	11.520	13.400	21.000
234	GEOLOGIST	2	21.000	10.500	15.500	45.500	13.500	14.000	20.500	13.000	10.000	13.000	17.000
241	CIVIL ENGINEER	2	20.000	9.000	19.500	43.000	13.000	14.000	19.500	13.500	13.000	15.500	22.000
245	CHEM ENGINEER	2	24.000	11.500	23.000	47.500	14.500	18.000	19.000	14.000	14.500	15.000	20.500
299	PHYS SCI, LAB TECH	23	19.783	10.130	15.478	39.696	11.304	11.435	14.435	10.043	11.174	11.478	16.174
310	BIOLOGIST, ZOOLOGIST	14	20.786	10.786	19.000	43.786	13.071	14.714	16.000	11.000	12.000	12.929	17.143
314	WLDLF/FOREST SPEC	2	22.500	11.500	18.000	47.500	18.500	17.500	20.500	14.000	11.000	15.000	21.500
315	PHARMACOLOGIST	2	21.500	11.000	20.500	43.000	10.000	13.500	17.500	13.500	10.500	12.000	18.000
316	MICROBIOLOGIST	15	20.533	10.600	18.267	43.933	11.133	12.400	17.067	11.800	12.200	12.533	18.067
317	BIOCHEMIST	7	22.000	11.143	18.429	44.714	14.571	13.714	17.000	11.714	12.429	14.429	21.429
319	OTHER CHEM SCI	8	21.875	10.500	19.000	45.250	12.500	13.250	15.375	12.000	11.750	12.375	18.875
329	MD-OTHER	19	20.579	11.421	20.684	45.000	13.053	13.421	16.105	11.421	12.421	13.579	19.842
333	VETERINARIAN	4	20.750	9.500	17.250	40.750	12.000	15.000	16.750	12.000	11.750	12.000	16.000
335	PHARMACIST	16	20.125	10.188	19.563	42.750	12.250	12.563	14.813	10.813	11.063	12.313	18.000
337	RN	703	19.368	10.277	15.757	40.226	11.110	10.686	13.290	9.768	10.661	10.898	14.156
341	DENTAL HYGIENIST	28	19.214	9.929	15.357	39.571	11.286	10.929	14.000	9.536	11.000	10.821	13.107
343	PHYS THERAPIST	16	19.563	9.938	15.688	39.625	11.938	13.188	14.313	10.813	12.438	10.625	15.438
344	OCCUP THERAPIST	13	19.923	10.923	17.231	43.154	11.692	10.846	15.462	10.308	10.769	11.231	15.462
346	SPEC THERAPIST (MISC)	19	19.684	10.105	15.895	39.421	10.316	9.474	13.263	8.579	10.684	10.211	14.105
347	MED/DENT TECHNOL	101	19.762	10.525	16.871	41.663	12.109	11.604	13.832	10.050	10.950	11.554	15.881
348	MED/DENT TECHNICIAN	134	18.097	9.634	12.418	35.022	9.948	9.627	12.836	8.888	9.679	9.231	11.067
360	PSYCHOLOGIST	37	20.541	10.703	16.973	41.703	11.351	10.459	13.892	9.703	11.649	11.784	16.676
369	PSYCH RES ASST	2	22.500	11.000	18.000	44.000	14.000	12.000	20.000	11.500	12.500	12.000	12.000
370	SOCIAL WORKER	190	19.453	10.384	16.037	39.963	10.453	9.805	13.558	9.268	10.547	11.037	14.063
371	PSYCHIATRIC SOC WRKR	18	19.667	10.722	15.444	43.833	10.556	11.278	13.889	9.444	11.222	11.500	15.444
372	COUNSELING/GUIDANCE	16	20.625	10.750	17.188	43.438	11.313	9.938	13.500	9.250	10.688	12.000	16.000
373	VOC/ED GUIDANCE	32	19.781	10.406	16.313	41.219	12.750	11.313	14.438	9.844	11.063	11.469	15.906
382	ECONOMIST	4	20.250	11.500	20.500	44.750	12.750	13.500	16.000	11.000	11.500	13.250	18.250
383	SOCIOLOGIST	2	23.000	11.000	20.000	44.500	15.000	7.000	13.500	7.500	11.500	13.000	16.500
384	ANTHROPOLOGIST	5	21.000	11.000	18.000	46.000	14.400	14.200	13.200	11.800	12.000	12.200	17.200
389	SOCIAL SCI (MISC)	7	20.571	11.714	17.286	45.143	12.000	10.714	15.143	9.429	11.714	10.429	13.857
391	POLITICIAN	2	19.000	10.500	16.000	45.000	8.500	6.500	3.000	7.500	12.500	13.000	10.000
392	DIPLOMAT	8	21.125	[illegible].250	19.875	44.875	14.125	13.250	16.250	11.625	11.000	12.000	16.125
393	LAWYER	13	19.846	[illegible]0.692	17.000	43.000	10.077	10.231	14.538	9.846	11.692	12.692	15.385
397	PUBLIC ADM (NEC)	2	20.000	10.500	18.000	41.500	10.500	7.000	14.000	9.000	9.500	12.500	16.000
400	TEACHER (NEC)	1194	19.493	10.312	15.896	39.891	10.946	10.288	13.104	9.531	10.699	10.917	14.383
410	TCHNG YNG CHILDR	7	20.143	10.143	14.857	39.143	11.143	10.429	14.429	9.143	10.286	12.000	17.857
411	TCHNG PRESCH CHILDR	37	18.919	10.054	15.459	39.784	11.703	10.405	12.838	9.757	10.405	10.595	14.162
412	TEACHER-ELEM	752	19.088	10.126	15.610	38.989	10.697	10.097	12.820	9.419	10.566	10.560	13.565
420	TEACHER-HS (NEC)	83	20.067	10.596	17.539	41.427	11.259	10.247	12.596	9.607	10.843	11.562	15.427
421	TEACHER-HS MATH	62	20.097	10.661	18.742	42.210	12.177	13.177	16.323	11.919	12.194	13.339	20.548
422	TEACHER-HS SCI	41	19.219	10.317	17.171	42.268	12.561	11.805	13.439	10.000	10.780	11.268	15.366
423	TEACHER-HS SOC ST	68	19.412	10.353	15.603	42.074	11.235	10.044	12.206	9.088	10.515	10.838	13.941
424	TEACHER-ENGLISH	150	20.093	10.600	17.707	42.347	11.447	10.620	13.447	9.713	10.987	11.613	14.933
425	TEACHER-FOREIGN LANG	58	21.103	10.741	19.052	43.310	11.638	10.828	13.155	10.466	11.414	12.086	16.966
426	TEACHER-COMM ED	50	19.060	10.580	14.820	38.440	10.580	8.920	12.940	9.040	10.460	11.200	12.820
427	TEACHER-HS HOME EC	63	19.000	10.095	14.032	38.175	10.079	10.873	13.524	10.857	10.460	10.492	13.048
428	TEACHER-TRADES	2	19.000	10.000	11.500	33.500	7.500	11.000	17.500	10.500	11.000	9.000	9.000
429	TEACHER-PHYS ED	44	18.477	10.068	13.114	36.932	10.159	10.477	14.364	10.205	10.636	9.568	12.341
431	TEACHER-ART	51	19.667	10.510	16.078	40.529	11.608	11.765	13.627	11.157	10.961	10.608	13.824
432	TEACHER-MUSIC	58	20.138	10.500	16.603	40.638	11.638	11.190	13.776	10.655	11.586	11.500	14.362
433	TEACHER-SPEECH	4	21.250	10.500	20.000	44.250	12.250	13.250	14.750	10.500	10.500	14.000	15.250
440	TEACHER-HANDICAPPED	60	19.033	10.350	15.200	40.133	10.600	10.450	12.083	9.850	10.533	10.633	13.700
441	SPEECH THERAPIST	40	20.150	10.675	16.750	41.400	11.500	9.625	12.850	8.600	11.125	11.150	16.450
450	SCH ADM (EXC COLL)	9	18.889	10.444	14.778	40.556	10.556	9.444	11.889	8.444	9.778	11.111	14.333
460	COLL/UNIV TCHR (NEC)	90	20.189	10.667	17.067	42.289	11.933	11.544	13.389	10.344	11.222	12.089	15.889
461	COLL/UNIV TCHR-MATH	8	21.000	10.750	20.125	44.500	13.125	13.750	18.[illegible]75	13.125	12.750	14.250	21.375
462	COLL/UNIV TCHR-SCI	20	21.400	11.250	19.650	45.350	14.600	13.150	15.000	11.900	12.150	13.250	20.150
463	COLL/UNIV TCHR-SOC SCI	25	20.360	11.160	18.920	44.600	13.960	13.080	15.480	10.920	11.800	13.080	18.560
464	COLL/UNIV TCHR-ENGLISH	49	21.408	11.408	19.735	44.755	12.735	12.163	14.327	10.571	11.755	12.714	17.775
465	COLL/UNIV TCHR-FOR LANG	21	21.238	11.048	20.286	43.762	13.190	12.048	13.524	10.857	11.571	13.571	18.000
470	COLL/UNIV TCHR-ADM	2	21.000	10.500	16.000	39.500	11.000	11.500	15.000	11.000	12.500	13.500	16.500
511	LIBRARIAN	54	20.037	10.630	18.037	42.537	11.722	11.056	14.259	10.037	11.556	11.926	15.907
521	CLERGYMAN	8	17.750	9.375	12.000	40.875	9.875	8.625	14.375	8.500	8.375	9.250	11.250
522	MONK, BROTHER, NUN	46	20.043	10.304	17.435	41.391	12.261	10.739	14.935	9.696	11.043	11.674	15.283
523	RELIG WRKR (OTHER)	36	18.583	10.000	15.778	38.306	10.167	9.611	13.778	9.694	10.444	9.806	12.167
531	WRITER (NEC)	31	19.903	10.581	17.387	43.434	12.032	11.968	13.194	10.161	10.839	11.548	14.677
532	FICTION WRITER	3	19.333	11.000	11.667	39.667	14.000	14.000	17.000	9.667	12.333	12.333	16.667
533	NONFIC WRTR (EXC JRNLST)	5	19.800	10.400	15.000	41.200	12.200	12.600	11.600	9.000	9.800	9.800	15.800

TABLE 1.4 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			ENG. TEST (CONTD.)									MATH TEST	
			USAGE R-234	EFFECT EXPRESS R-235	WORD FN IN SENT R-240	READING COMP R-250	CREATIVITY R-260	MECH REASONING R-270	VIS IN 2-DIM R-281	VIS IN 3-DIM R-282	ABSTRACT REAS R-290	ARITH REASONING R-311	INTRO HS MATH R-312
000	NO ANSWER	1639	3.274	2.147	5.656	10.208	3.881	3.648	5.680	3.186	3.088	3.578	4.656
001	DON'T KNOW	262	3.327	2.133	6.295	10.820	4.040	3.925	5.719	3.358	3.211	3.953	5.784
010	HOUSEWIFE	4695	2.860	1.814	5.495	8.592	3.733	3.538	5.423	3.055	2.670	3.323	4.467
020	NO SPEC INCOME JOB	14	2.614	2.033	6.850	10.272	3.351	2.898	5.341	3.368	4.065	3.725	3.875
101	EXECUTIVE (NEC)	2	1.414	0.707	3.536	7.071	2.828	2.121	3.536	3.536	0.0	3.536	3.536
102	FOREMAN (NEC)	3	4.726	1.732	4.933	7.024	4.726	4.163	4.619	5.774	2.517	4.359	7.572
111	WORK FOR GOVT (NEC)	30	3.093	2.236	6.326	11.252	4.751	4.042	5.673	3.369	3.875	3.848	5.877
112	IN BUS FOR SELF (NEC)	19	2.900	1.589	5.305	9.628	4.409	4.443	5.691	3.535	3.130	4.694	4.790
120	IND, BUS, COMM	35	3.481	1.837	6.306	11.917	4.145	3.768	5.536	3.081	3.135	3.869	5.358
121	RETAIL (NEC)	7	2.517	0.535	3.690	4.315	1.618	2.582	3.288	3.498	2.268	2.573	4.198
122	TRANSPORTATION (NEC)	5	2.408	0.837	4.764	5.339	4.099	2.966	2.408	1.517	1.817	4.219	4.615
123	REAL ESTATE (NEC)	2	1.414	0.0	2.828	10.607	3.536	3.536	1.414	2.828	0.0	3.536	0.707
124	INSURANCE (NEC)	13	2.567	1.725	5.360	9.366	4.070	4.543	6.330	2.340	2.166	4.331	5.262
125	ELECTRONICS (NEC)	3	3.606	3.215	4.509	9.292	1.528	3.606	4.583	2.082	2.646	2.646	5.508
140	"WRK WTH PEOPLE" (NEC)	8	2.726	1.282	6.671	8.297	3.701	4.071	5.069	2.416	2.435	3.777	5.904
141	"WRK WITH CHILDR" (NEC)	14	3.860	2.243	5.204	8.392	2.129	4.033	6.756	3.490	3.338	3.124	4.085
150	RESEARCH	6	1.871	1.033	4.231	4.980	2.317	5.831	4.764	3.011	3.061	2.787	4.517
211	MATH, STAT	8	1.832	1.061	5.418	8.717	4.406	2.997	4.086	1.982	1.282	4.357	5.776
212	OTHER STATISTICS	5	1.517	1.095	2.121	2.793	4.764	2.074	5.891	1.643	1.643	0.894	1.414
221	SYSTEMS ANALYST	8	2.053	1.553	3.295	4.870	2.605	2.435	4.155	2.915	0.916	1.669	1.512
222	COMPUTER PROGRAMMER	45	2.771	1.250	6.415	7.940	3.821	4.129	5.727	2.693	2.434	3.377	6.262
229	COMPUTER SPEC (NEC)	7	2.563	0.690	5.412	2.507	2.911	3.039	3.155	1.976	0.577	1.069	5.699
231	CHEMIST	25	2.622	1.474	4.090	2.522	3.118	3.686	5.477	2.638	1.960	3.082	2.828
234	GEOLOGIST	2	2.828	0.707	3.536	2.121	0.707	1.414	0.707	1.414	1.414	1.414	0.0
241	CIVIL ENGINEER	2	1.414	1.414	3.536	2.828	1.414	2.828	3.536	0.707	1.414	0.707	2.828
245	CHEM ENGINEER	2	0.0	0.707	1.414	0.707	3.536	1.414	0.0	2.828	0.707	1.414	4.950
299	PHYS SCI, LAB TECH	23	2.628	1.290	4.999	7.308	3.936	4.756	5.401	3.612	2.269	3.073	5.565
310	BIOLOGIST, ZOOLOGIST	14	1.847	1.051	4.206	4.964	3.245	2.894	6.089	3.187	2.148	3.407	4.148
314	WLDLF/FOREST SPEC	2	2.121	0.707	5.657	0.707	0.707	0.707	0.707	0.0	0.0	0.0	2.121
315	PHARMACOLOGIST	2	0.707	0.0	2.121	4.243	2.828	0.707	6.364	2.121	0.707	4.243	0.0
316	MICROBIOLOGIST	15	1.847	1.352	4.166	3.081	3.777	4.120	4.431	2.908	1.971	3.067	3.535
317	BIOCHEMIST	7	2.082	1.069	6.554	1.704	2.440	3.251	3.416	3.200	2.637	1.134	2.573
319	OTHER CHEM SCI	8	2.100	1.604	5.210	2.121	3.964	4.132	5.397	3.505	1.282	3.815	3.980
329	MD-OTHER	19	1.346	0.607	2.001	2.728	3.171	3.115	4.383	2.631	1.261	1.805	3.132
333	VETERINARIAN	4	2.363	3.697	3.686	8.342	2.944	0.816	3.594	3.559	2.217	3.162	3.916
335	PHARMACIST	16	2.705	1.642	3.723	2.408	3.890	3.140	3.746	2.738	1.806	2.358	3.777
337	RN	703	2.540	1.571	4.672	5.460	3.247	3.403	5.023	2.870	2.162	2.919	4.248
341	DENTAL HYGIENIST	28	2.114	1.245	4.739	4.316	3.568	2.707	5.754	2.975	1.805	2.994	3.843
343	PHYS THERAPIST	16	2.607	2.265	4.512	6.355	3.924	3.311	6.151	2.857	1.788	3.243	5.176
344	OCCUP THERAPIST	13	2.900	1.256	4.622	2.911	2.496	3.078	5.410	2.810	1.964	3.113	5.54[illegible]
346	SPEC THERAPIST (MISC)	19	2.110	1.997	4.841	7.419	4.110	3.732	5.108	2.775	1.827	3.966	5.557
347	MED/DENT TECHNOL	101	2.608	1.487	4.465	5.320	3.252	3.636	5.008	2.765	2.397	2.910	4.522
348	MED/DENT TECHNICIAN	134	2.601	1.902	5.546	9.608	3.865	3.799	5.362	3.020	2.545	3.374	4.631
360	PSYCHOLOGIST	37	2.785	1.525	4.646	8.038	3.795	3.263	5.120	3.017	2.288	3.622	5.212
369	PSYCH RES ASST	2	0.707	1.414	1.414	0.0	4.243	5.657	4.243	0.707	2.121	4.243	7.071
370	SOCIAL WORKER	190	2.455	1.558	5.497	7.305	3.829	3.767	5.099	3.301	2.431	3.052	4.903
371	PSYCHIATRIC SOC WRKR	18	2.086	1.406	4.369	2.706	3.776	4.170	5.476	3.222	2.264	3.204	4.369
372	COUNSELING/GUIDANCE	16	2.277	1.238	4.355	5.278	3.928	3.316	4.858	2.463	2.182	1.966	4.472
373	VOC/ED GUIDANCE	32	2.181	1.341	4.617	6.379	3.919	3.542	4.983	2.886	2.271	3.048	4.402
382	ECONOMIST	4	1.258	0.577	2.380	2.217	2.217	2.646	5.598	3.742	0.577	1.258	3.096
383	SOCIOLOGIST	2	2.828	1.414	2.828	0.707	1.414	2.828	0.707	3.536	0.707	2.828	2.121
384	ANTHROPOLOGIST	5	2.000	1.225	6.042	1.581	3.362	2.280	2.864	1.924	1.225	2.490	7.662
389	SOCIAL SCI (MISC)	7	2.149	0.488	2.563	1.773	4.619	4.645	5.640	2.760	1.254	3.910	5.699
391	POLITICIAN	2	2.828	0.707	1.414	0.0	2.121	0.707	2.828	0.707	0.707	0.0	4.243
392	DIPLOMAT	8	1.885	0.707	4.086	1.885	3.441	3.536	5.523	3.420	2.828	2.070	4.581
393	LAWYER	13	2.478	1.032	3.958	4.435	2.985	2.862	4.156	3.625	1.843	2.394	3.477
397	PUBLIC ADM (NEC)	2	4.243	0.707	2.828	2.121	4.950	0.0	5.657	2.828	0.707	3.536	7.071
400	TEACHER (NEC)	1194	2.600	1.512	5.192	7.027	3.583	3.604	5.246	3.094	2.434	3.182	4.688
410	TCHNG YNG CHILDR	7	1.464	1.952	1.345	6.149	4.451	4.353	5.318	4.180	1.890	1.633	1.952
411	TCHNG PRESCH CHILDR	37	2.431	1.580	4.240	6.161	3.688	3.968	4.885	3.378	1.833	3.131	4.735
412	TEACHER-ELEM	752	2.618	1.599	4.961	6.727	3.514	3.478	5.327	2.956	2.202	3.080	4.499
420	TEACHER-HS (NEC)	89	2.044	1.294	5.240	6.944	3.576	3.514	5.022	3.190	2.286	2.624	4.557
421	TEACHER-HS MATH	62	2.540	1.130	3.837	5.217	3.592	3.894	4.486	2.766	2.007	2.056	2.985
422	TEACHER-HS SCI	41	2.894	1.491	4.370	5.568	3.302	3.868	4.904	2.992	2.752	3.592	5.660
423	TEACHER-HS SOC ST	58	2.358	1.369	4.436	5.008	3.537	3.298	5.208	2.686	2.263	3.098	4.070
424	TEACHER-ENGLISH	150	2.703	1.572	4.280	4.880	3.446	3.460	5.148	2.832	1.942	2.967	5.425
425	TEACHER-FOREIGN LANG	59	2.006	1.208	3.284	3.124	3.616	3.213	4.396	2.975	1.475	2.529	3.788
426	TEACHER-COMM ED	50	2.217	1.090	5.181	8.064	3.598	3.374	5.408	2.878	2.894	3.264	4.284
427	TEACHER-HS HOME EC	63	2.845	1.500	5.239	7.226	3.695	3.190	5.421	2.422	1.933	2.940	4.881
428	TEACHER-TRADES	2	1.414	1.414	2.121	13.435	3.536	5.657	6.364	3.536	1.414	1.414	0.0
429	TEACHER-PHYS ED	44	2.367	1.485	4.828	6.804	3.576	3.188	5.279	2.898	2.103	3.187	4.851
431	TEACHER-ART	51	2.026	1.461	4.677	7.226	3.377	3.525	5.444	2.781	2.315	2.676	4.358
432	TEACHER-MUSIC	59	2.474	1.646	5.113	6.595	3.815	4.050	5.005	2.538	2.128	3.068	5.360
433	TEACHER-SPEECH	4	2.630	1.291	0.817	2.062	2.500	3.096	4.992	2.646	1.732	0.817	4.031
440	TEACHER-HANDICAPPED	60	2.786	1.538	5.035	6.229	3.711	3.402	5.432	2.857	2.501	2.911	5.006
441	SPEECH THERAPIST	40	1.902	1.207	3.875	4.131	2.801	2.328	5.304	2.639	1.742	2.966	4.163
450	SCH ADM (EXC COLL)	9	2.369	1.130	4.764	4.773	3.877	3.358	5.134	2.128	1.716	2.571	4.690
460	COLL/UNIV TCHR (NEC)	90	2.044	1.492	4.556	4.751	3.525	3.349	5.329	2.853	1.907	2.705	4.533
461	COLL/UNIV TCHR-MATH	8	3.024	1.669	3.441	4.986	3.871	2.435	2.875	0.835	1.389	1.581	2.875
462	COLL/UNIV TCHR-SCI	20	2.542	0.967	3.774	3.014	2.542	3.150	3.464	3.354	1.599	2.425	2.477
463	COLL/UNIV TCHR-SOC SCI	25	2.797	0.746	4.320	4.770	3.588	4.092	4.350	2.842	2.236	2.040	4.093
464	COLL/UNIV TCHR-ENGLISH	49	1.914	0.864	3.334	3.649	3.290	3.590	4.960	3.323	1.931	2.500	4.058
465	COLL/UNIV TCHR-FOR LANG	21	1.921	0.805	3.196	4.300	2.857	4.533	4.445	2.762	1.690	2.135	4.278
470	COLL/UNIV TCHR-ADM	2	2.828	2.121	0.0	6.364	4.243	4.950	2.828	1.414	0.707	2.121	6.364
511	LIBRARIAN	54	2.387	1.545	3.943	4.653	3.367	3.356	5.328	2.908	1.900	2.774	4.461
521	CLERGYMAN	8	3.845	2.264	6.845	4.291	2.748	3.926	2.774	2.619	3.068	4.803	7.005
522	MONK, BROTHER, NUN	46	2.022	1.314	4.843	5.062	3.014	3.303	5.118	2.866	1.885	3.063	4.996
523	RELIG WRKR (OTHER)	36	4.285	2.230	5.260	7.841	3.558	3.055	4.870	2.550	2.501	3.717	5.375
531	WRITER (NEC)	31	1.904	1.385	4.631	3.424	4.270	3.060	5.576	2.853	1.695	3.305	5.016
532	FICTION WRITER	3	2.517	1.000	12.014	8.737	2.646	5.000	6.083	8.505	4.619	4.619	8.387
533	NONFIC WRTR (EXC JRNLST)	5	2.588	1.517	9.950	5.891	4.919	4.506	4.827	3.391	2.683	4.604	7.259

TABLE 1.4 (continued)

#	GROUP	N	MEANS										
			ENG. TEST (CONTD.)									MATH TEST	
			USAGE	EFFECT EXPRESS	WORD FN IN SENT	READING COMP	CREATIVITY	MECH REASONING	VIS IN 2-DIM	VIS IN 3-DIM	ABSTRACT REAS	ARITH REASONING	INTRO HS MATH
			R-234	R-235	R-240	R-250	R-260	R-270	R-281	R-282	R-290	R-311	R-312
554	JRNLST/RPRTER	20	20.500	10.900	17.900	42.900	11.850	10.450	13.200	9.400	10.750	11.350	14.200
536	PUBLISHER, ETC.	5	20.200	10.000	16.400	41.600	9.800	10.600	16.000	8.000	12.400	10.800	16.400
537	EDITOR	8	21.375	11.625	18.375	43.875	12.875	10.250	13.750	9.500	11.125	11.875	16.625
539	TRNSLTR, INTRPRTR, LINGST	9	21.889	11.222	17.444	41.333	13.333	12.222	17.000	11.111	12.111	11.889	17.667
541	FINE ARTS	31	19.452	10.000	14.548	38.097	11.194	11.129	15.226	11.194	10.839	9.645	12.871
545	COMM ARTIST	41	18.951	10.171	13.049	36.854	9.610	10.390	13.146	9.683	11.073	8.610	10.512
547	DESIGNER (CONS GDS)	5	19.400	10.000	17.600	40.000	13.000	12.600	16.200	13.600	11.400	12.200	15.000
551	MUSICIAN	11	20.636	10.818	17.727	43.091	11.636	11.364	11.909	9.545	11.182	12.273	14.455
552	SINGER	5	18.600	11.000	10.000	34.400	10.000	8.000	14.600	8.000	8.400	7.000	11.400
559	MUSIC-REL (MISC)	9	19.444	10.667	16.667	40.778	12.889	13.222	12.778	11.222	12.222	11.111	13.333
560	DANCER, CHOREOG	14	20.286	9.714	14.071	38.286	10.214	9.929	13.071	9.071	10.643	10.286	12.786
571	ACTOR	6	20.333	10.000	13.333	43.500	11.833	11.000	13.333	8.667	10.833	9.333	10.667
575	THEATRE ((OTHER)	14	19.714	10.071	14.429	41.429	10.500	10.643	12.143	9.000	11.143	10.214	13.500
579	MISC PERF ARTS	3	20.000	10.333	15.000	37.333	10.667	11.000	10.667	10.000	8.333	9.667	12.667
581	MODEL	4	18.750	9.500	11.500	36.000	9.000	8.500	16.250	8.250	9.250	11.000	11.000
621	RECREATION DIR	12	19.250	10.583	12.917	35.833	10.417	10.917	13.750	9.167	10.500	10.417	13.333
622	CMPNG, SCTNG, PRK GD	3	18.667	11.000	15.333	43.667	13.667	15.000	11.333	10.333	11.333	8.667	14.333
639	FARMING (OTHER)	6	17.500	9.667	10.833	34.167	8.833	10.500	10.167	8.833	10.833	9.167	9.833
711A	BANKING & FINANCE, I	30	17.533	9.467	12.267	33.167	10.200	9.400	11.633	8.533	9.633	9.700	10.167
711B	BANKING & FINANCE, II	4	19.750	11.000	16.000	38.750	12.500	13.000	16.500	11.750	11.500	11.000	14.250
712	INVSTMNT, STOCK CONSULT	2	19.500	10.000	10.500	38.500	13.000	8.000	13.000	8.500	8.000	9.000	10.500
716	CPA	25	19.000	9.600	14.480	37.360	10.280	10.280	14.280	9.880	11.160	12.000	14.320
717	ACCTANT (EXC CPA)	50	18.260	9.340	12.720	35.200	9.580	9.400	13.120	9.200	10.160	9.960	10.920
721	PURCHASING AGENT	4	15.250	9.000	11.750	27.500	7.500	10.750	11.250	10.750	10.000	6.000	6.750
722	RETAIL BUYER	24	18.167	10.083	14.917	37.458	12.083	10.375	12.458	9.542	10.500	10.167	13.333
724	ADVERTISING	32	19.063	10.188	14.625	39.750	10.750	10.344	12.531	9.594	10.563	11.000	12.219
725	PUBLIC RELATIONS	16	18.625	10.563	14.313	40.688	10.813	11.313	12.625	9.500	10.438	11.063	11.875
726	PERSONNEL ADMIN	25	20.480	10.840	17.160	40.680	11.560	11.120	15.200	10.840	10.600	12.240	15.960
727	APPRAISING, ESTIMATING	13	17.308	10.077	11.692	37.231	10.231	9.077	11.846	8.000	9.462	10.077	10.385
728	LOAN/CREDIT INVESTIG	11	17.727	10.182	13.091	38.091	11.091	9.727	14.636	9.000	10.545	10.091	9.818
730	BUS MGMT ADM (NEC)	19	17.421	9.316	10.526	32.895	8.053	7.842	11.316	8.158	9.105	7.684	10.737
732	WHSL/RET TRADE MGMT/MKTG	12	18.083	9.667	12.250	36.583	12.000	11.750	15.417	10.750	10.667	11.000	13.417
738	SUPERVISOR IN BUS	8	18.000	10.125	16.000	36.750	11.375	9.625	13.125	9.875	10.125	9.750	12.250
741	SALESCLERK	34	16.029	8.471	8.529	26.618	6.735	7.588	8.706	7.000	7.618	6.765	7.088
743	STOCKBROKER	4	21.000	10.000	14.500	42.000	12.250	10.750	8.250	8.250	11.500	11.750	19.250
745	REAL ESTATE SLSMAN	6	18.667	10.333	16.000	37.833	10.333	9.000	14.000	9.000	11.000	11.333	12.167
746	INSURANCE SLSMAN	5	15.800	10.200	10.000	27.400	7.600	8.400	12.400	9.200	9.400	11.200	10.000
748	OTHER SLSMAN (NEC)	13	19.231	9.923	15.231	37.462	11.154	9.846	16.308	9.692	10.692	9.615	12.231
749	SALES MGR	2	16.500	10.000	11.000	41.000	11.000	8.000	8.000	7.500	5.000	10.500	9.000
751	BOOKKEEPER	131	17.664	9.450	11.679	33.290	9.298	8.550	12.412	8.565	9.397	9.344	10.046
752	TELLER OR BANK CLRK	37	16.973	9.486	11.081	32.946	9.378	7.919	10.811	7.865	9.054	8.405	9.730
753	CASHIER	17	17.765	9.294	10.529	33.706	8.647	8.471	11.412	8.235	8.235	7.941	8.765
755	MISC ACCT RECDG	64	18.063	9.364	12.734	36.016	9.641	9.688	13.563	9.297	9.922	9.156	10.906
756	KEYPUNCH OP	83	17.024	9.349	9.735	30.904	8.723	8.747	12.446	7.928	9.012	7.663	8.651
757	KEYPUNCH INSTRUC	4	17.500	9.000	10.750	26.000	8.000	7.500	13.000	7.000	10.000	6.250	8.500
758	COMPUTER OP	65	17.046	8.892	10.492	30.400	8.431	8.185	11.262	8.231	8.415	7.662	9.631
761	SECRETARY (NEC)	997	18.596	9.954	12.845	35.298	9.711	9.004	12.364	8.550	9.686	9.245	9.895
762	SECRETARY-BOOKKEEPER	23	17.565	9.217	12.609	35.304	10.217	9.870	11.826	9.652	9.739	9.913	10.609
763	MED/DENT SECRETARY	47	18.553	9.596	14.468	36.426	9.894	9.000	11.574	8.851	10.021	9.255	10.511
764	LEGAL SECRETARY	61	18.918	9.984	12.656	34.934	10.115	9.443	13.246	8.279	9.689	10.066	10.230
765	STENO, CRT RPRTR	69	17.536	9.536	11.681	32.696	9.319	8.145	11.174	8.507	9.275	8.478	8.986
766	TYPIST, CLERK TYPIST	103	17.845	9.107	10.029	30.505	8.456	8.117	11.398	7.990	8.777	7.796	9.204
768	PROOFREADER	2	18.500	9.000	12.500	42.000	7.000	8.500	16.500	9.000	10.000	9.000	8.000
769	CLERK (MISC)	137	17.314	9.146	11.000	30.825	8.569	8.453	11.569	8.219	8.620	8.307	8.912
771	OFFICE SUPERVISOR	14	17.929	9.500	10.286	36.071	9.214	9.071	10.643	9.000	9.571	10.286	7.929
772	OFFICE MGR	5	17.400	8.800	12.600	35.000	10.000	11.800	14.800	10.200	10.800	10.000	11.600
781	PHONE, PBX OP	45	17.133	9.267	9.711	30.289	8.000	8.067	10.956	7.911	8.578	7.311	8.644
789	OTHER "PUB CONT" OCCS	58	17.241	9.638	11.638	33.103	9.121	8.845	11.948	8.052	9.017	8.655	9.466
791	RADIO, TELEGR, TTY OP	4	17.750	9.250	12.000	25.750	5.250	7.500	13.000	8.000	10.750	8.250	8.750
797	MISC CLERICAL	12	15.667	8.750	8.167	27.500	6.917	8.167	8.500	7.500	7.500	5.833	7.583
798	MISC ADMINISTRATIVE	17	19.706	10.000	15.529	41.765	10.118	10.824	12.471	9.765	11.706	11.235	13.235
833	METAL TRADES	2	17.500	10.500	10.000	31.500	12.000	11.000	18.500	9.500	7.000	10.000	8.000
861	PRINTING TRADES	6	19.000	10.167	12.667	37.667	11.167	11.000	15.000	12.667	10.000	9.167	11.667
864	DRAFTSMAN	4	17.250	10.500	18.000	39.000	13.500	9.750	14.250	12.250	11.750	11.250	14.500
865	PHOTOGRAPHY	4	20.000	10.750	15.750	39.750	12.750	12.750	15.250	9.250	10.250	9.250	12.750
866	INTERIOR DECORATOR	21	19.048	9.476	14.619	38.810	11.048	11.286	12.143	10.619	11.190	9.429	11.524
867	LANDSCAPE ARCHIT	2	19.500	11.000	18.500	43.000	9.500	15.000	18.500	14.500	13.000	12.500	16.000
868	CLTHNG & FASH TRADES	50	17.440	8.700	10.180	28.900	7.860	8.080	11.740	8.860	8.560	7.460	9.340
871	DIETITIAN	22	19.545	10.409	16.455	39.909	11.591	12.273	14.364	11.636	11.500	11.409	15.045
872	HOME ECONOMIST	30	19.567	10.067	15.600	39.067	11.833	10.800	13.400	10.533	11.400	11.600	14.667
873	AIRLN STEWRD, STEWRDESS	13	18.615	9.769	11.769	37.538	9.385	8.462	10.154	8.846	9.615	7.769	9.692
881	FOOD & BEVERAGE PREP	5	16.000	6.800	3.800	19.200	5.200	7.600	10.600	6.400	6.000	6.400	6.400
891	MISC PERSONAL SERV	28	17.036	8.536	9.857	30.786	9.000	8.000	10.679	8.071	8.571	7.929	8.036
893	HAIRDRESSER	196	17.056	9.010	9.577	29.577	8.403	8.714	12.255	8.209	8.755	7.689	8.173
894	PRACTICAL NURSE	119	16.771	8.907	10.059	31.144	8.441	8.068	10.864	7.932	8.356	7.915	8.890
895	NURSES' AIDE	23	17.261	9.174	11.957	33.261	10.130	9.696	13.261	9.000	9.174	8.565	11.130
896	DOMESTIC SERVICE	4	16.250	9.000	8.500	35.000	8.750	6.500	9.000	7.500	8.500	7.500	9.500
899	GENERAL LABORER	76	16.289	8.211	8.303	26.250	7.645	7.553	10.039	6.961	6.776	6.132	8.132
	TOTAL	14703	18.530	9.823	13.350	35.983	10.006	9.579	12.649	9.031	9.891	9.619	11.585

TABLE 1.4 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			ENG. TEST (CONTD.)									MATH TEST	
			USAGE	EFFECT EXPRESS	WORD FN IN SENT	READING COMP	CREATIVITY	MECH REASONING	VIS IN 2-DIM	VIS IN 3-DIM	ABSTRACT REAS	ARITH REASONING	INTRO HS MATH
			R-234	R-235	R-240	R-250	R-260	R-270	R-281	R-282	R-290	R-311	R-312
534	JRNLST/RPRTER	20	2.236	1.119	3.946	4.025	3.483	3.502	5.578	3.016	2.337	3.048	4.808
536	PUBLISHER, ETC.	5	2.280	1.581	5.595	5.683	3.768	1.517	1.581	1.871	1.140	1.924	5.727
537	EDITOR	8	2.446	0.518	3.292	6.198	3.399	3.105	3.982	3.742	2.416	3.182	5.423
539	TRNSLTR, INTRPRTR, LINGST	9	1.900	0.833	5.747	8.307	4.359	4.738	4.243	3.257	2.667	3.689	4.444
541	FINE ARTS	31	2.998	1.549	5.303	9.368	3.487	4.129	4.780	2.435	2.115	3.450	5.470
545	COMM ARTIST	41	2.376	1.773	5.996	8.673	3.974	4.030	6.665	3.327	2.563	3.412	4.686
547	DESIGNER (CONS GDS)	5	1.817	0.707	6.189	5.958	3.082	4.930	5.541	2.881	2.302	3.633	6.819
551	MUSICIAN	11	1.502	1.328	4.839	2.773	2.378	2.976	4.826	3.532	1.836	1.272	4.762
552	SINGER	5	2.191	1.732	5.523	9.555	4.062	3.240	5.550	1.871	4.159	3.873	5.771
559	MUSIC-REL (MISC)	9	3.432	1.225	5.568	7.311	3.887	2.906	7.276	2.635	1.641	3.371	5.220
560	DANCER, CHOREOG	14	2.335	2.268	4.463	8.922	3.468	3.731	4.358	2.921	2.790	2.555	5.577
571	ACTOR	6	2.338	2.449	3.559	3.391	2.714	2.098	7.146	3.445	2.563	3.141	4.885
575	THEATRE ((OTHER)	14	2.730	1.269	5.170	6.665	3.368	3.895	6.335	2.717	3.110	2.636	4.416
579	MISC PERF ARTS	3	1.732	2.082	5.000	9.815	2.309	3.606	8.021	3.464	3.055	4.933	6.658
581	MODEL	4	1.258	1.291	5.508	8.524	4.082	2.380	7.676	4.272	2.363	2.449	2.309
621	RECREATION DIR	12	1.357	1.164	5.567	13.743	5.248	4.641	6.497	3.996	3.729	2.811	4.313
622	CMPNG, SCTNG, PRK GD	3	2.309	1.000	6.028	4.933	3.786	2.000	7.506	4.163	3.055	4.041	3.055
639	FARMING (OTHER)	6	4.183	1.366	3.125	10.439	5.345	3.209	7.782	2.714	1.722	3.869	3.488
711A	BANKING & FINANCE, I	30	4.015	2.354	6.797	7.791	3.745	3.944	6.184	3.203	3.079	4.036	4.749
711B	BANKING & FINANCE, II	4	0.500	0.816	6.377	7.089	1.915	3.162	3.873	2.062	1.291	0.816	5.058
712	INVSTMNT, STOCK CONSULT	2	0.707	0.0	2.121	13.435	2.828	1.414	0.0	2.121	1.414	7.071	7.778
716	CPA	25	2.814	2.217	4.891	9.124	4.578	4.267	5.661	2.948	2.095	3.215	4.732
717	ACCTANT (EXC CPA)	50	2.671	1.520	5.675	7.600	3.643	3.182	5.405	2.634	2.289	3.181	4.789
721	PURCHASING AGENT	4	3.304	1.414	5.058	6.952	2.380	5.620	7.042	2.217	3.559	3.559	3.862
722	RETAIL BUYER	24	3.332	1.381	5.283	7.535	3.682	4.158	5.572	3.007	2.432	3.102	4.584
724	ADVERTISING	32	2.139	1.554	5.216	7.103	3.583	3.562	5.230	2.939	2.299	3.059	4.086
725	PUBLIC RELATIONS	16	3.008	1.031	5.186	5.839	2.762	2.983	5.162	3.266	2.658	3.820	5.714
726	PERSONNEL ADMIN	25	2.257	1.179	6.842	9.564	4.647	4.177	5.385	3.544	3.000	2.905	5.526
727	APPRAISING, ESTIMATING	13	2.287	1.605	3.772	7.316	3.632	3.148	3.848	3.240	1.984	2.216	4.735
728	LOAN/CREDIT INVESTIG	11	3.036	1.250	5.449	3.534	3.360	4.221	6.622	3.550	1.968	3.015	3.401
730	BUS MGMT ADM (NEC)	19	3.150	2.311	6.013	9.614	3.979	4.086	6.101	2.754	2.726	3.816	4.344
732	WHSL/RET TRADE MGMT/MKTG	12	2.678	2.387	6.440	9.239	4.045	4.883	4.295	1.960	1.497	3.861	6.317
738	SUPERVISOR IN BUS	8	3.928	0.835	5.398	9.377	3.962	2.925	4.121	2.588	2.031	3.495	5.701
741	SALESCLERK	34	2.552	1.637	4.322	8.298	3.315	2.904	4.694	3.124	3.104	2.797	3.029
743	STOCKBROKER	4	2.449	0.816	2.380	4.967	2.754	3.202	8.846	4.113	3.000	2.872	1.893
745	REAL ESTATE SLSMAN	6	2.160	1.366	6.782	8.819	3.445	4.382	4.817	2.000	2.449	4.320	6.882
746	INSURANCE SLSMAN	5	1.304	0.837	7.906	16.211	6.229	5.771	10.900	5.215	5.459	1.304	3.082
748	OTHER SLSMAN (NEC)	13	2.315	2.326	5.403	6.501	2.672	2.512	3.794	2.496	2.926	3.330	4.206
749	SALES MGR	2	2.121	1.414	1.414	7.071	4.243	4.243	4.243	0.707	4.243	6.364	5.657
751	BOOKKEEPER	131	2.971	1.764	5.198	8.212	3.864	3.522	5.460	2.834	3.060	3.255	4.298
752	TELLER OR BANK CLRK	37	2.661	1.574	5.267	8.589	3.639	2.871	5.522	2.790	3.018	3.484	4.039
753	CASHIER	17	2.884	2.257	5.410	7.556	3.040	3.744	5.386	2.611	3.419	3.249	3.930
755	MISC ACCT RECDG	64	2.997	1.775	5.878	9.437	4.603	3.594	6.010	3.220	2.590	3.492	5.048
756	KEYPUNCH OP	93	2.745	1.851	5.003	8.868	3.552	3.712	6.045	3.256	2.685	3.021	3.340
757	KEYPUNCH INSTRUC	4	2.517	0.0	1.708	1.826	2.944	0.577	7.118	0.816	2.449	0.500	3.873
758	COMPUTER OP	65	2.950	2.292	5.585	11.976	4.179	3.644	6.083	3.325	3.464	3.232	4.300
761	SECRETARY (NEC)	997	2.656	1.698	5.345	8.137	3.754	3.466	5.452	3.027	2.620	3.290	4.161
762	SECRETARY-BOOKKEEPER	23	4.132	2.558	5.508	7.016	4.889	3.622	5.483	3.406	3.107	2.661	4.418
763	MED/DENT SECRETARY	67	3.652	2.092	4.995	6.968	3.595	3.121	5.195	2.797	2.566	2.989	3.917
764	LEGAL SECRETARY	61	2.283	1.478	5.842	9.090	3.916	3.854	5.887	3.256	3.155	3.240	3.997
765	STENO, CRT RPRTR	69	4.006	2.429	5.416	9.106	4.013	3.461	5.904	3.156	2.623	3.415	3.833
766	TYPIST, CLERK TYPIST	103	2.814	1.737	4.737	8.701	3.589	3.671	5.266	2.595	2.970	3.695	3.425
768	PROOFREADER	2	2.121	2.828	12.021	2.828	7.071	4.950	3.536	1.414	2.828	2.828	4.243
769	CLERK (MISC)	137	3.203	2.106	5.312	8.777	3.589	3.593	5.514	3.074	2.771	3.497	3.826
771	OFFICE SUPERVISOR	14	3.149	1.912	4.827	8.138	3.017	3.100	5.679	3.113	1.555	3.518	2.235
772	OFFICE MGR	5	1.140	0.837	1.817	5.148	2.345	3.421	5.070	3.633	1.095	1.871	2.608
781	PHONE, PBX OP	45	3.266	1.947	4.818	8.905	3.030	3.480	6.026	2.787	2.824	3.029	3.955
789	OTHER "PUB CONT" OCCS	58	3.720	2.125	5.363	9.488	4.309	3.951	5.966	3.225	2.724	3.625	4.860
791	RADIO, TELEGR, TTY OP	4	2.062	0.957	7.659	11.983	2.872	3.109	6.583	3.742	0.500	2.062	2.500
797	MISC CLERICAL	12	1.826	[illegible]	[illegible]	9.259	[illegible]	3.271	4.927	2.276	[illegible]	2.082	3.655
798	MISC ADMINISTRATIVE	17	2.444	1.173	5.210	4.323	3.638	3.486	4.474	2.611	2.229	2.166	4.480
833	METAL TRADES	2	0.707	2.121	4.243	3.536	4.243	4.243	7.778	2.121	4.243	1.414	2.828
861	PRINTING TRADES	6	2.280	1.602	5.241	7.554	3.189	2.608	3.033	2.160	0.894	3.312	6.282
864	DRAFTSMAN	4	3.202	1.000	1.633	7.303	3.109	4.193	3.304	2.217	1.708	4.349	3.512
865	PHOTOGRAPHY	4	3.366	1.893	2.986	11.354	6.131	4.787	4.924	5.123	3.096	1.258	4.573
866	INTERIOR DECORATOR	21	3.556	2.064	6.786	5.645	3.866	3.379	5.985	2.539	2.112	3.043	5.192
867	LANDSCAPE ARCHIT	2	0.707	1.414	4.950	0.0	0.707	1.414	6.364	0.707	1.414	0.707	5.657
868	CLTHNG & FASH TRADES	50	3.246	2.541	6.053	10.336	3.551	3.451	5.066	3.239	3.078	2.915	4.583
871	DIETITIAN	22	2.595	1.260	5.134	6.976	3.863	4.322	6.222	2.770	2.064	3.172	3.848
872	HOME ECONOMIST	30	2.254	1.617	4.825	6.680	2.960	3.167	4.328	3.082	2.175	3.047	4.544
873	AIRLN STEWRD, STEWRDESS	13	2.631	1.363	6.153	12.319	3.595	4.176	5.610	3.436	3.906	3.320	4.939
881	FOOD & BEVERAGE PREP	5	2.915	0.837	3.768	12.814	4.817	4.506	7.335	4.506	4.062	4.099	2.302
891	MISC PERSONAL SERV	28	3.061	2.396	5.688	9.983	4.082	3.377	5.838	3.265	3.225	3.310	4.526
893	HAIRDRESSER	96	2.918	1.892	4.564	8.814	3.974	3.222	5.493	2.913	2.810	2.965	3.394
894	PRACTICAL NURSE	18	3.017	2.092	4.488	9.789	3.456	3.121	5.218	2.992	3.011	3.391	3.513
895	NURSES' AIDE	23	3.570	2.480	6.161	10.506	4.003	3.673	4.575	3.000	2.790	3.703	4.893
896	DOMESTIC SERVICE	4	4.349	0.0	4.123	12.193	2.630	1.732	4.967	1.732	2.646	2.887	2.380
899	GENERAL LABORER	76	2.970	2.457	4.636	9.473	3.509	3.039	5.603	2.914	3.062	3.271	3.519
	TOTAL	14703	2.971	1.847	5.773	8.986	3.855	3.710	5.490	3.142	2.758	3.512	5.141

TABLE 1.4 (continued)

			MEANS										
			MTH TST(CD.)										I.I.
#	GROUP	N	ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH
			R-333	F-410	F-420	F-430	F-440	A-410	A-420	A-430	A-440	A-500	P-701
000	NO ANSWER	1639	2.905	32.228	11.422	30.882	22.669	42.935	16.417	43.533	25.295	57.768	12.439
001	DON'T KNOW	252	4.095	34.202	10.733	32.366	21.958	44.660	16.420	44.183	24.844	55.508	13.290
010	HOUSEWIFE	4695	3.050	35.411	12.513	33.049	23.856	44.582	16.874	43.908	26.213	58.285	11.265
020	NO SPEC INCOME JOB	14	3.357	23.429	4.500	26.429	19.357	41.429	19.214	45.286	25.214	63.357	10.571
101	EXECUTIVE (NEC)	2	3.500	35.500	8.500	21.000	21.000	41.500	17.500	41.000	24.000	44.500	18.500
102	FOREMAN (NEC)	3	4.333	26.333	12.667	61.333	28.333	41.000	17.333	70.667	31.000	60.000	17.333
111	WORK FOR GOVT (NEC)	30	3.467	33.967	9.267	33.300	22.533	44.767	16.533	43.033	26.000	57.633	15.133
112	IN BUS FOR SELF (NEC)	18	3.556	32.833	11.833	30.500	21.722	46.611	16.278	40.722	23.500	51.667	16.389
120	IND, BUS, COMM	35	3.457	32.657	11.114	29.657	22.486	42.829	16.829	47.371	25.229	54.171	13.371
121	RETAIL (NEC)	7	3.286	35.429	11.286	33.857	18.429	43.429	15.571	43.000	23.571	58.571	9.143
122	TRANSPORTATION (NEC)	5	3.200	41.400	17.400	31.000	25.600	47.800	21.400	39.800	26.000	66.400	14.000
123	REAL ESTATE (NEC)	2	3.000	26.500	15.500	49.500	20.000	38.500	17.500	51.500	26.000	100.500	22.500
124	INSURANCE (NEC)	13	4.077	30.385	12.308	38.077	25.923	43.308	16.154	44.538	27.769	64.692	15.231
125	ELECTRONICS (NEC)	3	2.667	36.000	10.000	20.333	20.333	40.000	12.667	31.000	23.000	52.000	15.000
140	"WRK WTH PEOPLE" (NEC)	8	4.250	31.500	10.375	21.375	23.375	40.500	13.625	31.875	25.125	53.000	12.625
141	"WRK WITH CHILDR" (NEC)	14	2.500	10.643	15.286	17.286	20.000	41.214	20.286	55.000	27.000	57.143	15.571
150	RESEARCH	6	7.000	50.000	9.333	41.500	25.000	56.000	17.333	48.167	28.000	64.667	25.167
211	MATH, STAT	8	9.625	46.000	14.375	43.500	24.500	51.000	19.125	52.500	27.250	47.125	26.250
212	OTHER STATISTICS	5	9.400	54.200	11.200	34.400	25.800	57.400	20.400	43.200	26.600	64.600	27.800
221	SYSTEMS ANALYST	8	9.875	49.375	13.875	32.125	26.875	55.875	20.875	47.125	28.375	42.875	27.625
222	COMPUTER PROGRAMMER	45	6.956	41.556	11.956	33.867	24.644	50.000	17.822	45.067	26.556	56.178	22.089
229	COMPUTER SPEC (NEC)	7	7.143	44.143	14.857	36.714	29.857	49.857	19.143	41.857	30.429	60.143	24.714
231	CHEMIST	25	7.840	48.000	13.680	38.760	26.120	54.080	18.880	45.000	28.040	58.360	29.040
234	GEOLOGIST	2	8.000	39.000	21.500	25.500	31.000	47.000	25.500	41.500	33.000	53.500	27.500
241	CIVIL ENGINEER	2	10.500	56.500	14.000	40.500	28.500	58.500	20.000	48.500	29.500	63.500	28.500
245	CHEM ENGINEER	2	11.000	50.500	11.000	50.000	19.500	54.500	16.000	50.000	21.500	72.500	37.000
299	PHYS SCI, LAB TECH	23	6.043	34.783	12.609	30.043	25.435	48.696	17.391	45.000	28.391	51.957	23.000
310	BIOLOGIST, ZOOLOGIST	14	6.214	42.714	13.786	41.571	27.286	47.000	18.071	49.571	28.571	59.571	22.214
314	WLDLF/FOREST SPEC	2	11.500	42.000	11.000	31.500	26.000	46.000	13.000	41.500	27.000	45.500	24.500
315	PHARMACOLOGIST	2	6.000	44.500	14.000	48.500	30.500	50.500	23.000	48.500	31.500	106.000	30.000
316	MICROBIOLOGIST	15	7.467	43.400	13.733	30.533	26.133	48.467	20.000	46.000	28.267	57.067	28.667
317	BIOCHEMIST	7	9.286	38.143	12.714	28.286	25.286	47.857	16.714	46.000	26.143	56.000	30.429
319	OTHER CHEM SCI	8	8.000	44.000	11.250	29.500	25.625	51.000	17.000	46.500	27.375	59.125	24.750
329	MD-OTHER	19	8.684	47.158	10.737	42.895	26.737	51.789	16.421	46.895	28.737	58.737	24.526
333	VETERINARIAN	4	5.250	38.000	8.000	22.250	20.750	45.000	12.000	41.250	22.750	43.000	23.500
335	PHARMACIST	16	6.500	45.000	12.813	29.563	24.250	50.500	17.438	40.313	25.000	54.750	23.375
337	RN	703	4.532	40.482	12.283	34.634	24.619	47.498	16.960	43.647	26.553	56.852	17.697
341	DENTAL HYGIENIST	28	4.286	35.107	12.464	33.679	26.500	49.821	17.107	42.964	28.929	57.750	15.357
343	PHYS THERAPIST	16	5.688	43.250	12.688	34.250	25.250	48.250	17.563	43.250	28.875	51.000	15.313
344	OCCUP THERAPIST	13	5.615	46.769	16.846	34.769	27.462	50.769	21.462	48.615	30.077	56.462	19.308
346	SPEC THERAPIST (MISC)	19	4.421	40.368	12.316	31.737	22.053	49.579	18.632	45.421	26.895	57.579	18.895
347	MED/DENT TECHNOL	101	5.307	40.931	12.624	35.337	25.297	49.406	17.119	45.634	27.495	57.960	21.129
348	MED/DENT TECHNICIAN	134	3.567	34.604	11.478	30.597	24.284	44.336	15.896	44.239	26.493	59.366	15.843
360	PSYCHOLOGIST	37	6.405	42.216	14.216	38.946	26.216	47.838	19.027	46.838	27.784	54.459	17.324
369	PSYCH RES ASST	2	4.500	53.000	17.000	21.500	29.500	59.000	22.000	57.500	30.500	58.000	19.500
370	SOCIAL WORKER	190	4.568	37.432	12.037	32.874	23.963	46.168	17.416	46.095	26.142	56.847	15.232
371	PSYCHIATRIC SOC WRKR	18	5.778	36.944	12.056	34.722	25.222	45.611	16.278	44.056	27.556	55.611	14.722
372	COUNSELING/GUIDANCE	16	5.625	39.688	12.438	42.500	26.625	49.438	17.188	52.250	28.000	60.625	15.063
373	VOC/ED GUIDANCE	32	5.750	43.469	12.188	35.625	24.469	49.969	18.250	46.875	27.406	57.188	16.844
382	ECONOMIST	4	7.250	54.250	13.250	40.000	26.000	57.250	16.750	52.000	30.500	47.250	25.250
383	SOCIOLOGIST	2	7.500	39.000	21.500	0.500	26.500	47.000	27.500	38.500	26.500	66.000	11.500
384	ANTHROPOLOGIST	5	6.000	48.800	10.800	33.200	26.000	49.600	14.400	40.400	26.400	63.000	24.200
389	SOCIAL SCI (MISC)	7	4.571	46.143	12.429	48.000	22.714	51.286	17.857	54.286	25.857	67.143	14.714
391	POLITICIAN	2	5.000	50.000	15.000	31.500	27.500	52.000	19.000	37.500	28.500	55.500	13.500
392	DIPLOMAT	8	5.875	40.125	11.250	36.000	23.500	47.125	16.250	46.500	28.250	53.250	20.250
393	LAWYER	13	4.846	39.923	12.000	40.077	25.923	46.385	17.231	47.462	27.462	52.231	15.385
397	PUBLIC ADM (NEC)	2	6.500	54.000	15.500	50.500	26.500	56.000	20.500	52.500	27.500	57.000	17.000
400	TEACHER (NEC)	1134	4.779	40.368	12.916	35.055	24.635	48.573	17.704	45.049	26.650	56.984	15.319
410	TCHNG YNG CHILDR	7	5.571	43.714	12.857	34.143	23.286	45.429	18.000	47.857	26.429	57.429	16.000
411	TCHNG PRESCH CHILDR	37	4.973	39.432	11.541	30.649	24.649	44.514	15.865	42.541	26.649	65.108	14.135
412	TEACHER-ELEM	752	4.557	39.515	11.862	34.004	24.133	46.956	16.963	44.765	26.306	56.305	14.352
420	TEACHER-HS (NEC)	89	5.449	42.112	12.157	34.315	22.562	50.427	17.101	44.921	24.404	56.112	17.225
421	TEACHER-HS MATH	62	8.516	49.661	12.645	35.452	26.823	53.468	18.258	43.194	28.758	57.516	24.500
422	TEACHER-HS SCI	41	5.756	41.219	13.659	37.415	24.707	48.829	19.317	46.683	26.902	56.634	23.927
423	TEACHER-HS SOC ST	68	4.750	40.382	10.765	32.809	22.382	47.971	15.912	44.103	25.588	56.500	15.176
424	TEACHER-ENGLISH	150	5.280	40.733	11.713	35.493	24.827	47.427	16.393	44.160	26.520	56.847	15.240
425	TEACHER-FOREIGN LANG	59	5.966	44.190	13.621	37.466	24.052	49.638	18.552	45.672	25.500	52.000	17.086
426	TEACHER-COMM ED	50	3.940	38.500	12.720	36.480	23.300	49.540	18.160	44.720	25.380	62.100	13.560
427	TEACHER-HS HOME EC	63	4.238	39.286	12.175	32.825	23.048	45.825	16.238	41.016	25.714	57.873	14.000
428	TEACHER-TRADES	2	4.000	33.500	12.000	40.000	24.000	41.500	15.000	56.000	27.000	70.500	7.000
429	TEACHER-PHYS ED	44	3.636	40.273	10.955	35.227	23.864	46.636	17.409	45.136	25.909	59.318	15.750
431	TEACHER-ART	51	4.902	39.627	12.412	35.804	26.451	45.118	16.686	44.353	27.902	53.176	12.314
432	TEACHER-MUSIC	59	4.793	40.328	11.345	38.190	24.776	47.707	17.000	44.466	26.086	53.828	14.310
433	TEACHER-SPEECH	4	6.250	39.250	12.250	41.500	25.750	47.250	15.250	47.500	27.750	82.750	8.750
440	TEACHER-HANDICAPPED	60	4.850	37.917	12.150	34.833	23.117	48.250	18.050	44.700	25.317	56.550	15.500
441	SPEECH THERAPIST	40	5.150	38.625	12.100	34.200	23.100	45.625	16.900	44.200	25.500	55.400	15.675
450	SCH ADM (EXC COLL)	9	4.556	41.667	11.889	29.556	22.778	48.333	17.444	48.667	26.111	79.222	20.222
460	COLL/UNIV TCHR (NEC)	90	5.289	39.444	11.911	37.078	25.011	49.178	17.756	47.522	27.278	59.822	20.378
461	COLL/UNIV TCHR-MATH	8	9.000	50.250	17.125	45.625	30.875	57.750	20.625	51.625	32.875	57.125	22.625
462	COLL/UNIV TCHR-SCI	20	7.800	43.900	11.400	33.250	25.450	50.900	17.000	42.650	26.650	55.950	27.100
463	COLL/UNIV TCHR-SOC SCI	25	7.560	45.680	10.760	35.160	25.440	51.440	17.560	46.680	26.880	56.800	20.680
464	COLL/UNIV TCHR-ENGLISH	49	6.898	42.980	12.755	38.265	24.061	50.816	19.286	46.265	26.633	55.531	17.755
465	COLL/UNIV TCHR-FOR LANG	21	6.857	46.286	12.143	34.238	24.333	52.190	17.476	42.429	26.238	53.429	19.714
470	COLL/UNIV TCHR-ADM	2	4.000	48.000	19.500	24.500	27.000	50.000	19.500	38.500	28.000	46.000	12.500
511	LIBRARIAN	54	5.519	45.519	12.481	34.500	23.574	49.667	15.926	42.944	25.463	55.759	16.889
521	CLERGYMAN	8	4.625	37.000	12.125	28.250	22.000	43.000	16.625	45.750	24.250	52.125	9.750
522	MONK, BROTHER, NUN	46	5.457	43.652	12.283	40.022	24.826	49.217	17.674	46.022	26.261	60.000	19.087
523	RELIG WRKR (OTHER)	36	3.667	34.194	11.583	33.278	22.444	43.306	15.972	41.611	24.333	53.833	13.917
531	WRITER (NEC)	31	4.581	36.645	9.419	35.290	23.935	44.903	15.548	43.290	25.613	50.581	16.452
532	FICTION WRITER	3	9.000	39.667	11.667	40.333	29.667	49.000	23.667	57.667	31.000	68.667	24.333
533	NONFIC WRTR (EXC JRNLST)	5	6.400	41.200	6.200	32.800	21.800	48.400	12.200	36.800	24.200	61.000	26.400

TABLE 1.4 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			MTH TST(CD.)										I.I.
			ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH
			R-333	F-410	F-420	F-430	F-440	A-410	A-420	A-430	A-440	A-500	P-701
000	NO ANSWER	1639	2.240	18.361	9.012	18.608	7.584	9.803	8.836	13.737	6.876	21.167	7.827
001	DON'T KNOW	262	2.829	20.200	7.903	17.566	8.081	10.038	7.965	13.499	6.972	20.291	8.999
010	HOUSEWIFE	4695	2.248	15.005	8.019	17.229	7.175	9.071	7.990	13.387	6.745	20.635	7.560
020	NO SPEC INCOME JOB	14	2.274	20.079	16.496	14.308	8.767	11.319	16.010	16.476	5.577	20.205	6.880
101	EXECUTIVE (NEC)	2	2.121	20.506	0.707	41.012	11.314	17.678	2.121	18.385	12.728	7.778	3.536
102	FOREMAN (NEC)	3	3.215	17.786	6.658	9.019	6.658	1.732	6.506	5.774.	7.000	8.888	10.263
111	WORK FOR GOVT (NEC)	30	3.060	17.252	9.009	15.412	8.046	10.401	7.450	12.637	7.273	20.890	8.299
112	IN BUS FOR SELF (NEC)	18	2.706	27.698	9.160	14.818	6.008	5.761	8.710	14.559	5.523	13.115	9.192
120	IND, BUS, COMM	35	2.593	16.801	8.622	23.919	7.461	9.841	8.723	15.137	6.877	21.414	7.248
121	RETAIL (NEC)	7	2.690	9.693	3.498	17.967	8.979	7.068	3.735	10.017	5.996	17.878	3.436
122	TRANSPORTATION (NEC)	5	0.837	15.076	7.701	7.550	8.019	11.819	8.019	11.323	8.803	21.291	4.416
123	REAL ESTATE (NEC)	2	2.828	10.607	2.121	2.121	5.657	10.607	0.707	4.950	5.657	21.920	14.849
124	INSURANCE (NEC)	13	2.842	29.876	7.064	19.487	6.224	7.718	6.296	16.855	6.833	26.396	9.976
125	ELECTRONICS (NEC)	3	0.577	11.533	2.646	16.166	5.132	11.533	2.082	6.928	2.646	18.248	12.000
140	"WRK WTH PEOPLE" (NEC)	8	3.240	11.796	3.543	10.888	4.749	7.309	3.701	9.658	5.842	14.967	9.471
141	"WRK WITH CHILDR" (NEC)	14	1.605	47.398	20.409	27.362	10.437	15.557	18.714	20.483	9.915	30.061	5.229
150	RESEARCH	6	4.382	10.863	2.658	8.118	4.561	7.014	3.777	9.109	4.775	27.493	7.935
211	MATH, STAT	8	3.503	12.939	7.367	14.243	6.141	6.459	7.918	14.081	7.869	15.104	9.896
212	OTHER STATISTICS	5	1.949	8.526	4.712	7.956	5.718	9.607	5.079	6.140	5.941	15.884	0.837
221	SYSTEMS ANALYST	8	3.523	15.611	7.864	12.778	8.236	7.643	9.372	15.459	7.708	7.568	8.618
222	COMPUTER PROGRAMMER	45	4.112	16.217	5.831	14.271	6.046	10.086	4.716	10.739	5.880	18.421	9.961
229	COMPUTER SPEC (NEC)	7	4.562	4.670	8.153	12.134	6.256	4.525	7.819	8.592	6.399	20.359	12.392
231	CHEMIST	25	2.688	13.525	9.957	13.052	7.096	8.450	8.922	12.203	6.127	32.556	7.121
234	GEOLOGIST	2	2.828	0.0	9.192	2.121	2.828	0.0	14.849	7.778	2.828	20.506	2.121
241	CIVIL ENGINEER	2	0.707	2.121	4.243	3.536	7.778	4.950	4.243	9.192	6.364	9.192	4.950
245	CHEM ENGINEER	2	2.828	0.707	8.485	14.142	12.021	4.950	7.071	14.142	12.021	13.435	1.414
299	PHYS SCI, LAB TECH	23	3.890	27.158	6.415	18.064	6.687	8.204	6.569	11.111	5.237	15.449	8.847
310	BIOLOGIST, ZOOLOGIST	14	3.534	10.666	7.748	11.175	7.300	9.013	8.792	13.172	7.398	21.198	6.974
314	WLDLF/FOREST SPEC	2	0.707	9.899	2.828	13.435	1.414	4.243	5.657	4.950	2.828	2.121	0.707
315	PHARMACOLOGIST	2	0.0	3.536	9.899	13.435	10.607	6.364	2.828	13.435	12.021	84.853	8.485
316	MICROBIOLOGIST	15	3.441	9.804	8.940	23.452	7.210	7.029	8.298	14.081	7.126	13.703	5.665
317	BIOCHEMIST	7	2.138	10.730	3.861	25.966	4.990	4.670	3.402	12.871	5.956	22.664	3.910
319	OTHER CHEM SCI	8	2.619	8.018	4.773	17.574	6.653	4.175	3.928	13.016	5.290	18.098	7.555
329	MD-OTHER	19	3.019	11.271	3.052	10.765	7.673	9.852	4.363	10.847	6.879	22.676	7.336
333	VETERINARIAN	4	3.594	10.985	1.414	16.276	3.594	7.439	2.160	6.946	4.992	5.477	9.399
335	PHARMACIST	16	2.733	16.415	3.468	17.072	6.971	11.094	5.597	7.905	6.957	14.567	5.772
337	RN	703	2.467	12.868	6.408	15.033	6.512	8.592	6.410	12.664	6.493	19.741	7.376
341	DENTAL HYGIENIST	29	2.275	21.174	5.725	11.637	5.124	8.224	3.155	10.098	4.586	15.820	9.262
343	PHYS THERAPIST	16	3.156	7.987	4.868	10.325	7.532	6.224	4.732	11.145	6.386	12.226	7.040
344	OCCUP THERAPIST	13	3.228	11.770	9.450	23.962	6.654	9.084	9.666	17.227	6.551	10.627	6.969
346	SPEC THERAPIST (MISC)	19	2.987	12.798	6.156	22.815	10.069	9.570	6.551	12.483	5.915	13.688	6.975
347	MED/DENT TECHNOL	101	2.712	15.719	5.034	15.929	6.688	7.902	5.133	12.568	6.207	19.160	8.127
348	MED/DENT TECHNICIAN	134	2.282	15.941	7.024	18.316	6.769	9.270	7.506	14.230	6.710	22.087	8.914
360	PSYCHOLOGIST	37	3.655	13.056	12.164	15.983	5.855	10.139	11.031	13.535	5.855	22.589	8.267
369	PSYCH RES ASST	2	0.707	1.414	1.414	16.263	4.950	9.899	2.828	23.335	6.364	0.0	0.707
370	SOCIAL WORKER	190	2.755	13.319	7.807	18.596	7.021	9.372	7.714	13.364	6.856	17.967	8.562
371	PSYCHIATRIC SOC WRKR	18	2.211	16.679	4.893	15.296	8.222	9.463	5.889	11.958	8.347	19.153	7.387
372	COUNSELING/GUIDANCE	16	2.062	22.446	3.366	12.226	5.340	8.786	3.987	11.469	5.944	20.291	7.567
373	VOC/ED GUIDANCE	32	3.037	13.562	9.972	19.357	7.048	10.648	11.127	14.489	7.048	16.344	8.168
382	ECONOMIST	4	2.986	15.735	2.062	17.795	6.377	10.657	2.872	18.815	5.916	11.529	13.598
383	SOCIOLOGIST	2	0.707	5.657	4.950	24.749	0.707	11.314	4.950	6.364	0.707	32.527	3.536
384	ANTHROPOLOGIST	5	2.828	6.058	2.588	4.868	1.581	6.504	2.302	6.107	1.140	11.533	11.454
389	SOCIAL SCI (MISC)	7	2.699	9.406	6.079	19.070	9.394	8.480	2.545	15.840	7.883	20.359	8.381
391	POLITICIAN	2	4.243	9.899	7.071	3.536	9.192	12.728	9.899	12.021	7.778	20.506	13.435
392	DIPLOMAT	8	2.850	10.829	1.389	10.502	7.946	8.806	5.092	11.526	6.964	9.692	5.651
393	LAWYER	13	2.794	10.299	4.619	16.337	5.024	8.940	4.764	11.602	5.532	15.669	6.462
397	PUBLIC ADM (NEC)	2	0.707	5.657	6.364	23.335	0.707	8.485	10.607	20.506	2.121	32.527	1.414
400	TEACHER (NEC)	1194	2.706	15.657	7.535	16.920	7.127	8.583	7.475	13.034	6.654	20.840	8.168
410	TCHNG YNG CHILDR	7	3.552	8.480	4.845	19.811	7.973	8.658	2.517	14.300	7.829	11.816	8.124
411	TCHNG PRESCH CHILDR	37	2.619	11.565	4.863	19.002	5.073	9.131	5.018	10.743	5.692	23.803	7.800
412	TEACHER-ELEM	752	2.560	13.132	5.764	15.942	6.795	8.062	6.081	12.227	6.078	18.739	7.898
420	TEACHER-HS (NEC)	89	2.931	12.395	6.096	17.711	7.378	8.598	6.742	13.924	7.045	20.788	8.842
421	TEACHER-HS MATH	62	2.578	7.953	6.379	13.257	7.201	6.765	6.823	11.854	6.485	23.984	7.498
422	TEACHER-HS SCI	41	3.105	15.668	10.222	16.631	7.001	14.138	10.832	13.938	6.848	20.474	7.087
423	TEACHER-HS SOC ST	68	2.622	9.349	3.993	16.266	7.944	7.159	4.329	10.385	5.723	16.008	7.777
424	TEACHER-ENGLISH	159	2.876	13.431	5.467	16.012	7.199	8.911	5.893	12.095	6.868	22.231	8.315
425	TEACHER-FOREIGN LANG	58	2.675	10.003	8.173	15.560	6.085	7.016	7.985	12.761	5.279	13.861	8.306
426	TEACHER-COMM ED	50	2.394	26.189	7.513	15.885	7.410	7.849	8.100	12.871	7.188	25.143	7.905
427	TEACHER-HS HOME EC	63	2.716	11.505	4.606	13.103	8.458	7.891	4.460	12.080	5.655	16.896	7.466
428	TEACHER-TRADES	2	2.828	4.950	2.828	14.142	2.828	4.950	4.243	25.456	1.414	13.435	4.243
429	TEACHER-PHYS ED	44	2.497	12.371	5.599	14.234	6.260	8.339	7.365	12.001	5.830	16.829	10.007
431	TEACHER-ART	51	2.670	11.063	7.619	14.866	8.130	8.265	8.634	13.337	8.355	17.252	7.075
432	TEACHER-MUSIC	58	2.783	13.452	5.444	12.936	5.852	8.564	5.688	11.635	5.655	15.951	7.692
433	TEACHER-SPEECH	4	2.872	11.442	6.652	11.030	11.442	8.016	7.182	13.626	9.106	43.069	7.588
440	TEACHER-HANDICAPPED	60	2.791	16.088	9.613	14.839	6.755	7.897	9.203	12.796	6.253	25.211	7.976
441	SPEECH THERAPIST	40	2.788	11.391	6.412	17.209	7.513	8.360	6.709	12.639	7.161	16.892	8.219
450	SCH ADM (EXC COLL)	9	2.833	10.100	2.667	32.114	7.379	8.718	5.077	15.859	5.578	33.867	7.710
460	COLL/UNIV TCHR (NEC)	90	2.749	19.705	5.947	15.200	6.366	8.917	6.348	12.884	6.296	19.924	8.068
461	COLL/UNIV TCHR-MATH	8	3.024	5.825	6.600	7.386	6.917	5.523	8.141	8.017	6.917	31.715	10.183
462	COLL/UNIV TCHR-SCI	20	2.802	12.061	5.605	21.081	6.108	9.525	6.000	11.458	6.335	22.493	5.553
463	COLL/UNIV TCHR-SOC SCI	25	2.583	12.724	2.697	12.740	5.709	8.842	4.917	11.309	5.740	15.044	8.985
464	COLL/UNIV TCHR-ENGLISH	49	2.756	11.298	10.086	13.313	7.437	7.299	10.326	11.982	6.068	15.700	9.506
465	COLL/UNIV TCHR-FOR LANG	21	2.937	12.463	5.121	15.280	5.927	8.807	3.763	10.245	5.291	19.671	11.019
470	COLL/UNIV TCHR-ADM	2	2.828	2.828	9.192	33.234	1.414	5.657	9.192	13.435	2.828	8.485	7.778
511	LIBRARIAN	54	3.051	9.432	3.045	14.995	6.018	7.302	3.560	10.692	5.552	15.302	7.640
521	CLERGYMAN	8	4.173	13.607	5.515	25.393	5.952	12.048	6.391	12.970	7.086	11.886	8.031
522	MONK, BROTHER, NUN	46	2.588	10.242	5.256	12.790	6.108	9.764	5.329	12.876	5.938	19.967	7.828
523	RELIG WRKR (OTHER)	36	2.619	23.251	4.741	13.464	6.236	11.097	4.437	12.738	5.904	14.799	9.176
531	WRITER (NEC)	31	3.074	15.649	3.191	9.477	6.628	9.031	4.822	8.851	6.697	14.047	8.936
532	FICTION WRITER	3	6.245	31.086	1.155	21.079	7.371	18.248	15.144	14.572	7.810	28.006	6.110
533	NONFIC WRTR (EXC JRNLST)	5	2.881	16.724	4.382	16.407	5.357	13.164	6.573	10.060	3.115	15.281	8.905

TABLE 1.4 (continued)

#	GROUP	N	MEANS										
			MTH TST(CD.)										I.I.
			ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH
			B-333	F-410	F-420	F-430	F-440	A-410	A-420	A-430	A-440	A-500	P-701
534	JRNLST/RPRTER	20	4.550	38.150	11.700	39.250	24.300	45.750	16.000	47.250	25.700	64.200	12.600
536	PUBLISHER, ETC.	5	5.000	37.400	19.400	41.400	30.000	47.000	22.200	56.600	30.400	48.600	20.400
537	EDITOR	8	7.500	47.750	13.000	36.625	25.250	50.250	18.250	66.125	26.500	62.875	19.625
539	TRNSLTR, INTRPRTR, LINGST	9	6.333	47.000	14.444	41.667	22.667	50.111	17.778	46.556	24.222	60.111	23.889
541	FINE ARTS	31	4.516	33.871	11.419	30.065	26.613	46.129	17.871	43.355	29.000	57.710	14.806
545	COMM ARTIST	41	3.951	32.927	10.537	30.244	24.951	41.024	14.000	42.439	26.463	53.732	13.293
547	DESIGNER (CONS GDS)	5	5.400	28.200	9.200	27.800	28.000	37.800	13.200	38.200	30.000	50.400	16.600
551	MUSICIAN	11	4.366	38.182	15.364	23.818	23.273	45.455	19.182	40.182	25.273	49.727	11.364
552	SINGER	5	3.000	34.800	9.400	49.600	24.200	46.800	12.600	62.400	29.400	63.000	13.400
559	MUSIC-REL (MISC)	9	4.333	41.444	13.778	36.889	27.889	49.000	18.000	44.889	29.667	57.000	19.333
560	DANCER, CHOREOG	14	4.714	41.214	15.071	38.143	25.000	46.643	19.071	45.000	26.429	62.214	13.071
571	ACTOR	6	3.333	32.667	7.500	26.333	27.833	40.667	14.500	45.000	29.167	71.667	7.667
575	THEATRE ((OTHER)	14	5.143	39.357	12.857	38.643	26.286	44.643	16.714	45.500	28.714	64.500	10.714
579	MISC PERF ARTS	3	4.667	40.667	11.333	36.667	24.333	44.667	15.333	39.333	25.667	62.667	10.333
581	MODEL	4	2.500	30.750	21.750	36.500	31.250	41.750	24.250	42.500	34.750	51.500	15.250
621	RECREATION DIR	12	3.917	38.750	11.000	27.750	24.250	45.750	15.667	38.083	25.750	68.083	14.250
622	CMPNG, SCTNG, PRK GD	3	4.333	35.667	10.333	29.667	23.667	45.000	13.667	33.667	27.667	60.667	14.667
639	FARMING (OTHER)	6	2.333	36.167	9.833	31.000	24.667	41.500	14.500	43.000	26.333	56.833	12.667
711A	BANKING & FINANCE, I	15	2.400	35.467	11.500	31.933	23.800	44.933	15.767	43.400	25.533	58.867	12.900
711B	BANKING & FINANCE, II	4	5.750	42.750	11.750	31.500	25.750	47.750	17.250	40.500	26.250	57.750	18.500
712	INVSTMNT, STOCK CONSULT	2	4.000	47.000	9.000	33.000	21.000	47.000	14.000	35.000	21.000	69.500	11.500
716	CPA	25	4.560	38.600	9.440	36.600	24.680	51.080	18.720	46.360	26.520	61.360	16.160
717	ACCTANT (EXC CPA)	50	3.300	35.380	10.920	36.140	21.940	45.060	15.600	45.020	24.190	54.440	12.980
721	PURCHASING AGENT	4	2.000	23.250	15.500	33.000	26.750	39.250	17.000	43.000	29.250	55.500	11.750
722	RETAIL BUYER	24	4.250	39.667	11.958	37.417	24.125	45.500	16.375	45.250	26.375	61.667	14.042
724	ADVERTISING	32	3.281	37.219	10.906	34.500	24.625	44.469	15.344	44.500	26.125	56.406	13.125
725	PUBLIC RELATIONS	16	4.688	31.563	12.125	32.750	22.313	40.563	14.875	42.250	24.063	52.313	16.063
726	PERSONNEL ADMIN	25	5.960	44.400	12.760	34.640	24.720	50.640	18.200	44.240	26.800	56.080	16.840
727	APPRAISING, ESTIMATING	13	3.462	36.385	12.308	31.769	22.385	45.308	16.615	42.538	24.385	56.923	10.000
728	LOAN/CREDIT INVESTIG	11	2.364	36.545	13.818	39.636	26.000	47.455	20.364	48.364	30.000	60.545	16.545
730	BUS MGMT ADM (NEC)	19	3.632	31.895	11.263	34.842	24.842	43.684	17.579	45.789	26.947	56.263	14.579
732	WHSL/RET TRADE MGMT/MKTG	12	4.833	42.083	15.500	34.750	26.583	49.083	26.333	49.417	29.250	63.333	16.667
738	SUPERVISOR IN BUS	8	4.250	41.750	11.500	34.625	26.250	47.750	18.000	50.625	29.250	63.000	19.125
741	SALESCLERK	34	2.265	30.706	10.059	27.353	20.353	41.882	14.882	38.765	23.765	56.324	10.000
743	STOCKBROKER	4	4.250	45.750	22.750	52.000	33.500	59.750	29.250	57.000	36.000	70.250	15.750
745	REAL ESTATE SLSMAN	6	4.333	33.833	10.167	29.833	20.167	45.167	16.500	52.500	28.167	58.000	19.500
746	INSURANCE SLSMAN	5	2.800	33.600	10.200	39.600	21.800	43.800	15.000	45.200	23.800	57.400	10.400
748	OTHER SLSMAN (NEC)	13	3.615	46.154	11.154	37.538	26.462	50.154	17.154	49.923	27.077	55.538	11.385
749	SALES MGR	2	5.000	44.500	14.500	46.000	25.500	49.500	14.500	56.000	26.500	58.500	11.000
751	BOOKKEEPER	131	2.748	36.718	12.321	33.374	23.206	44.656	17.176	44.183	25.740	60.443	11.969
752	TELLER OR BANK CLRK	37	2.865	35.216	13.297	37.243	23.919	44.405	17.784	46.324	26.676	60.108	9.838
753	CASHIER	17	2.706	39.000	12.059	29.000	21.882	44.118	15.471	43.588	23.412	59.235	12.118
755	MISC ACCT RECDG	64	3.688	36.953	13.016	33.906	24.828	44.328	17.078	44.031	27.766	57.297	13.875
756	KEYPUNCH OP	83	2.191	30.325	11.289	29.855	23.108	40.735	15.723	43.735	25.907	56.771	10.169
757	KEYPUNCH INSTRUC	4	3.750	27.250	26.500	42.000	19.750	37.250	24.500	50.000	21.250	54.500	9.000
758	COMPUTER OP	65	3.246	29.338	13.323	31.508	22.923	43.246	17.569	43.385	26.523	60.000	10.877
761	SECRETARY (NEC)	227	2.762	37.343	12.170	33.773	23.129	45.251	16.703	44.578	25.619	59.037	11.104
762	SECRETARY-BOOKKEEPER	23	2.565	41.435	12.826	37.696	21.261	45.826	17.174	44.304	23.348	55.565	9.783
763	MED/DENT SECRETARY	67	2.957	36.638	12.723	34.787	25.915	45.066	18.085	43.896	28.298	59.489	12.511
764	LEGAL SECRETARY	61	3.066	38.098	13.295	34.426	23.852	45.508	18.082	45.049	25.820	59.213	12.984
765	STENO, CRT RPRTR	69	2.478	33.116	11.667	33.188	25.014	44.652	17.348	45.826	26.957	62.522	11.609
766	TYPIST, CLERK TYPIST	163	2.515	34.718	12.263	34.214	22.369	42.835	16.767	44.893	25.184	59.165	10.786
768	PROOFREADER	2	4.000	37.000	22.500	39.500	15.500	41.000	23.500	47.500	18.500	48.000	14.500
769	CLERK (MISC)	137	2.613	32.489	12.431	31.905	22.839	43.146	17.365	43.818	25.029	58.898	10.650
771	OFFICE SUPERVISOR	14	1.929	32.286	13.857	37.643	24.929	46.000	18.143	48.500	27.357	69.214	10.357
772	OFFICE MGR	5	2.400	39.200	10.800	25.800	22.400	44.000	14.000	42.600	23.600	61.400	12.800
781	PHONE, PBX OP	45	2.667	25.756	14.289	30.556	22.044	39.622	19.889	44.156	24.000	57.356	12.022
789	OTHER "PUB CONT" OCCS	58	2.500	29.345	11.931	30.190	21.828	42.517	16.793	42.190	24.793	58.259	11.621
791	RADIO, TELEGR, TTY OP	4	2.250	37.250	11.500	31.000	21.250	43.250	15.500	40.000	22.750	45.750	15.750
797	MISC CLERICAL	12	2.167	26.750	9.083	28.917	21.333	36.417	13.417	47.917	23.667	52.917	11.000
798	MISC ADMINISTRATIVE	17	4.471	42.118	12.235	40.824	24.882	47.765	16.588	51.176	26.059	52.529	15.294
833	METAL TRADES	2	2.000	41.000	19.500	29.500	26.500	49.000	21.500	53.500	27.500	51.500	12.000
861	PRINTING TRADES	6	3.000	45.667	10.833	43.000	27.167	49.667	16.833	47.667	27.500	55.167	11.333
864	DRAFTSMAN	4	5.000	45.000	12.750	28.500	22.750	49.000	18.250	38.500	24.250	55.250	17.750
865	PHOTOGRAPHY	4	4.250	36.000	10.500	32.750	28.500	46.000	14.500	35.750	31.000	59.250	12.500
866	INTERIOR DECORATOR	21	3.714	37.524	11.667	35.381	26.048	47.619	16.714	43.762	27.381	55.619	17.905
867	LANDSCAPE ARCHIT	2	6.500	45.500	13.000	34.000	29.000	49.500	17.000	44.000	31.000	53.000	24.000
868	CLTHNG & FASH TRADES	50	2.520	29.100	11.040	32.280	22.500	41.660	16.360	44.280	25.660	59.280	11.940
871	DIETITIAN	22	5.091	42.273	12.545	35.682	24.000	49.273	16.545	44.591	26.091	56.045	19.000
872	HOME ECONOMIST	30	5.000	38.667	11.933	33.700	23.167	47.600	16.733	45.300	25.167	53.367	15.433
873	AIRLN STEWRD, STEWRDESS	13	3.077	37.692	11.923	36.538	22.692	43.538	15.615	43.923	24.692	49.231	10.154
881	FOOD & BEVERAGE PREP	5	1.000	26.200	10.000	15.400	20.000	36.200	12.400	23.400	22.000	57.000	11.400
891	MISC PERSONAL SERV	28	2.714	29.393	9.964	26.000	21.286	41.250	13.893	39.714	23.357	58.429	9.393
893	HAIRDRESSER	196	2.367	29.423	11.668	31.724	23.296	41.689	16.423	43.929	25.796	58.592	10.026
894	PRACTICAL NURSE	118	2.568	28.110	10.254	27.390	20.873	40.822	15.797	41.492	23.822	60.280	14.534
895	NURSES' AIDE	23	3.174	32.783	10.391	27.000	23.739	45.304	15.087	42.304	26.261	62.870	15.348
896	DOMESTIC SERVICE	4	3.500	30.000	9.000	21.000	22.250	40.000	15.000	39.000	24.750	66.000	10.750
899	GENERAL LABORER	76	2.382	21.579	11.132	26.934	21.211	40.632	17.000	45.408	24.868	66.566	11.895
	TOTAL	14703	3.679	36.484	12.181	33.300	23.759	45.431	16.938	44.249	26.089	57.835	13.373

TABLE 1.4 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			MTH TST(CD.)										I.I.
			ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH
			R-333	F-410	F-420	F-430	F-440	A-410	A-420	A-430	A-440	A-500	P-701
534	JRNLST/RPRTER	20	3.000	10.693	3.045	13.932	6.001	5.928	2.956	12.896	5.253	23.048	9.599
536	PUBLISHER, ETC.	5	4.637	14.826	19.616	11.104	8.803	9.950	18.254	9.450	9.072	6.950	8.933
537	EDITOR	8	3.703	3.615	5.806	8.035	6.923	4.464	6.089	7.772	6.908	21.074	6.632
539	TRNSLTR, INTRPRTR, LINGST	9	2.915	12.145	4.447	20.255	5.172	9.675	4.353	15.938	5.069	15.648	5.954
541	FINE ARTS	11	3.097	16.041	9.258	19.000	6.606	10.868	8.721	12.183	6.486	22.685	7.786
545	COMM ARTIST	41	2.334	12.867	3.880	17.723	7.307	8.943	3.722	14.965	6.965	20.330	7.675
547	DESIGNER (CONS GDS)	5	3.286	16.193	2.588	15.156	5.050	9.176	3.114	9.257	5.958	11.327	8.503
551	MUSICIAN	11	2.693	9.293	8.299	17.815	3.771	5.698	7.574	9.453	3.495	15.944	5.221
552	SINGER	5	3.000	18.526	4.219	9.607	8.319	11.798	5.177	15.884	5.367	16.000	12.779
559	MUSIC-REL (MISC)	9	4.330	10.026	5.495	16.412	5.754	6.225	4.330	12.384	6.671	12.369	11.023
560	DANCER, CHOREOG	14	3.074	11.729	7.426	13.260	5.923	8.590	9.100	13.313	5.893	31.271	8.862
571	ACTOR	6	1.966	18.511	4.461	31.303	4.579	8.779	6.504	15.479	5.672	24.961	5.465
575	THEATRE ((OTHER)	14	3.371	10.717	3.860	11.600	5.180	8.652	3.931	8.337	5.199	17.461	7.898
579	MISC PERF ARTS	3	2.517	10.263	4.509	13.051	10.786	6.429	5.686	15.177	10.408	7.234	4.619
581	MODEL	4	2.380	7.932	12.868	10.661	4.992	5.909	13.074	15.546	4.992	16.663	7.455
621	RECREATION DIR	12	1.881	11.071	6.915	21.239	9.574	7.300	8.161	15.629	9.459	15.802	7.724
622	CMPNG, SCTNG, PRK GD	3	2.309	10.408	2.082	9.074	3.512	10.149	2.517	3.786	2.082	7.572	8.737
639	FARMING (OTHER)	6	0.816	7.250	4.956	26.563	10.405	6.950	2.588	16.000	8.664	13.228	9.048
711A	BANKING & FINANCE, I	30	2.207	14.682	2.850	19.554	6.244	12.298	4.108	12.336	5.722	18.820	8.810
711B	BANKING & FINANCE, II	4	2.500	10.404	2.363	8.813	8.057	11.236	2.986	8.185	8.382	10.112	9.147
712	INVSTMNT, STOCK CONSULT	2	1.414	11.314	1.414	9.899	12.728	11.314	5.657	7.071	12.728	21.920	14.849
716	CPA	25	3.292	21.040	11.705	14.098	7.766	8.376	11.739	13.613	6.596	12.449	7.630
717	ACCTANT (EXC CPA)	50	2.443	21.433	3.779	15.024	6.029	8.021	3.933	13.523	5.931	16.923	8.129
721	PURCHASING AGENT	4	1.826	10.844	6.191	11.343	8.808	5.679	5.033	9.557	10.275	21.610	5.439
722	RETAIL BUYER	24	2.908	10.265	5.246	17.418	7.048	8.033	5.363	10.755	4.753	25.108	8.084
724	ADVERTISING	32	1.955	8.315	5.899	17.052	6.681	7.951	6.973	13.732	7.047	22.864	6.890
725	PUBLIC RELATIONS	16	3.005	13.476	3.775	13.414	4.600	7.456	4.080	8.622	3.958	14.221	9.943
726	PERSONNEL ADMIN	25	2.993	11.754	6.876	22.401	7.992	8.645	6.892	15.780	8.441	18.410	8.060
727	APPRAISING, ESTIMATING	13	3.205	12.991	4.553	14.266	5.591	8.779	5.665	11.103	6.049	12.086	5.958
728	LOAN/CREDIT INVESTIG	11	2.541	10.202	4.355	17.311	6.573	8.969	7.325	14.821	8.000	20.690	8.275
730	BUS MGMT ADM (NEC)	19	2.114	14.746	6.879	14.171	5.965	9.592	6.543	12.461	5.522	11.869	7.791
732	WHSL/RET TRADE MGMT/MKTG	12	2.552	14.450	17.101	18.172	6.842	11.172	17.084	15.288	7.436	15.216	6.746
738	SUPERVISOR IN BUS	8	4.027	12.372	4.375	20.304	6.735	5.946	6.887	16.203	5.312	20.798	9.296
741	SALESCLERK	36	1.333	15.954	5.427	19.754	6.928	8.253	7.223	13.883	7.504	22.100	6.429
743	STOCKBROKER	4	0.500	21.915	17.557	6.976	4.359	5.123	16.174	8.446	3.916	27.837	5.679
745	REAL ESTATE SLSMAN	6	3.933	22.938	7.468	16.798	11.600	14.607	9.735	17.003	6.338	15.073	7.176
746	INSURANCE SLSMAN	5	1.643	14.170	10.378	26.726	14.738	10.826	9.874	27.869	14.940	17.329	8.204
748	OTHER SLSMAN (NEC)	13	1.758	13.849	5.520	14.368	5.925	10.915	6.362	15.224	5.979	13.093	5.980
749	SALES MGR	2	0.0	17.678	6.364	22.627	0.707	12.021	6.364	16.971	2.121	16.263	12.728
751	BOOKKEEPER	131	2.182	12.633	7.521	17.429	7.152	9.072	7.580	14.168	6.238	24.167	7.946
752	TELLER OR BANK CLRK	37	2.057	13.252	8.038	14.921	6.439	9.561	7.936	15.063	6.642	15.007	6.677
753	CASHIER	17	2.544	5.646	3.112	21.386	5.656	7.253	4.543	15.141	6.276	22.312	9.512
755	MISC ACCT RECDG	66	2.455	12.401	8.488	15.528	8.800	9.472	7.943	12.251	6.304	16.680	8.524
756	KEYPUNCH OP	93	1.632	17.137	7.053	21.942	7.793	8.094	8.201	15.016	7.304	19.299	6.653
757	KEYPUNCH INSTRUC	4	1.708	18.661	21.733	21.103	7.544	19.190	21.733	20.461	4.787	25.040	7.165
758	COMPUTER OP	45	2.008	19.153	12.362	19.575	9.726	9.359	12.434	18.147	9.059	22.860	7.212
761	SECRETARY (NEC)	907	2.055	13.969	6.735	17.116	7.293	8.604	6.849	13.052	6.513	20.598	7.265
762	SECRETARY-BOOKKEEPER	23	1.996	10.304	5.399	14.533	7.671	6.820	5.211	12.762	7.377	17.472	7.769
763	MED/DENT SECRETARY	67	1.841	13.740	6.247	12.258	8.108	10.733	5.250	9.542	6.433	22.176	6.324
764	LEGAL SECRETARY	61	1.914	12.630	7.902	18.063	7.229	7.708	8.219	15.670	7.375	17.974	7.564
765	STENO, CRT RPRTR	69	1.549	18.960	6.050	16.593	6.867	8.955	5.936	14.756	6.876	23.207	7.409
766	TYPIST, CLERK TYPIST	103	1.765	13.079	8.421	17.377	7.503	8.419	8.250	14.752	7.559	17.968	7.200
768	PROOFREADER	2	1.414	11.314	14.849	19.092	0.707	5.657	16.263	19.092	2.121	14.142	2.121
769	CLERK (MISC)	137	1.856	19.181	9.765	18.198	6.842	9.795	10.498	15.052	6.861	19.973	7.682
771	OFFICE SUPERVISOR	14	1.328	17.852	6.620	14.773	6.183	11.793	6.431	16.379	7.099	18.852	5.227
772	OFFICE MGR	5	1.673	4.604	4.207	16.022	3.578	5.099	3.808	20.256	3.578	28.378	7.294
781	PHONE, PBX OP	45	1.883	22.807	15.677	20.445	6.321	10.465	16.345	16.082	7.023	19.358	9.009
789	OTHER "PUB CONT" OCCS	58	1.625	23.579	8.343	19.642	8.182	10.393	8.542	14.304	7.286	20.333	6.761
791	RADIO, TELEGR, TTY OP	6	1.708	17.896	3.873	6.377	1.893	11.147	7.767	7.257	1.500	16.641	8.539
797	MISC CLERICAL	12	1.467	9.026	2.999	21.030	6.733	5.265	5.265	16.368	7.328	17.820	5.099
798	MISC ADMINISTRATIVE	17	3.223	9.993	3.750	22.015	5.085	6.330	3.392	12.967	5.356	15.938	10.487
833	METAL TRADES	2	0.0	7.071	19.092	57.276	16.263	1.414	16.263	28.991	17.678	17.678	5.657
861	PRINTING TRADES	6	3.033	10.132	3.189	10.954	4.579	7.394	3.869	7.866	4.722	11.197	11.690
864	DRAFTSMAN	4	0.816	10.646	6.292	11.818	2.500	7.832	3.862	11.000	3.862	19.687	8.180
865	PHOTOGRAPHY	4	1.708	5.477	1.732	16.338	6.658	5.715	2.646	12.685	5.715	8.770	7.416
866	INTERIOR DECORATOR	21	2.473	13.721	7.200	14.469	6.111	9.765	8.742	14.659	6.241	17.702	8.700
867	LANDSCAPE ARCHIT	2	2.121	3.536	1.414	15.556	8.485	3.536	1.414	7.071	8.485	1.414	7.071
868	CLTHNG & FASH TRADES	50	1.992	19.210	6.344	17.990	6.055	10.596	7.222	15.775	6.153	23.411	7.484
871	DIETITIAN	22	2.428	9.842	4.284	13.827	6.422	7.741	5.059	13.665	6.451	13.841	6.370
872	HOME ECONOMIST	30	2.626	17.309	4.135	16.097	5.621	7.596	4.068	13.774	6.292	14.775	7.123
873	AIRLN STEWRD, STEWRDESS	13	1.605	13.720	8.597	22.404	8.854	7.241	9.314	20.271	9.114	10.887	4.947
881	FOOD & BEVERAGE PREP	5	1.000	10.257	9.618	10.597	13.874	11.883	9.711	14.571	15.668	27.704	12.341
891	MISC PERSONAL SERV	28	1.902	25.407	4.203	11.895	6.610	8.072	3.489	8.348	4.786	18.034	6.250
893	HAIRDRESSER	196	1.682	17.676	9.367	17.465	7.345	9.941	8.899	14.352	6.837	22.532	5.862
894	PRACTICAL NURSE	119	1.682	16.901	7.489	17.667	7.039	8.498	6.366	12.961	6.182	21.520	7.098
895	NURSES' AIDE	23	2.348	18.759	6.058	19.169	6.054	9.256	3.765	11.910	6.433	24.747	7.785
896	DOMESTIC SERVICE	4	2.082	4.899	7.528	19.545	9.215	5.888	3.162	4.082	7.932	3.464	11.815
899	GENERAL LABORER	76	1.862	26.818	11.960	23.457	7.369	12.089	10.236	14.993	6.332	28.451	7.788
	TOTAL	14703	2.659	16.094	7.773	17.340	7.252	9.344	7.776	13.398	6.731	20.548	8.349

TABLE 1.4 (continued)

#	GROUP	N	MEANS										
			INTEREST INVENTORY (CONTD.)										
			BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE	ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION
			P-702	P-703	P-704	P-705	P-706	P-707	P-708	P-709	P-710	P-711	P-712
000	NO ANSWER	1639	17.390	12.654	21.652	24.891	21.876	18.653	20.089	15.730	16.893	14.844	16.998
001	DON'T KNOW	262	17.057	13.664	23.412	22.660	23.431	20.885	19.271	15.500	16.202	13.912	15.504
010	HOUSEWIFE	4695	15.245	11.070	20.638	24.299	21.603	18.154	19.689	15.317	16.687	14.753	17.601
020	NO SPEC INCOME JOB	14	12.571	14.214	21.286	23.286	17.000	17.071	15.929	13.643	16.429	17.214	15.786
101	EXECUTIVE (NEC)	2	21.000	6.000	22.500	25.500	21.500	16.000	24.500	25.000	23.000	15.000	24.000
102	FOREMAN (NEC)	3	26.667	2.333	15.000	24.667	16.000	13.333	27.667	28.000	7.000	11.333	5.667
111	WORK FOR GOVT (NEC)	30	17.400	15.967	24.367	25.233	21.833	25.033	20.667	17.567	19.233	15.333	18.600
112	IN BUS FOR SELF (NEC)	18	19.167	13.444	25.833	22.722	28.556	22.000	19.000	18.167	18.944	16.778	16.722
120	IND, BUS, COMM	35	17.171	13.800	20.914	27.400	22.057	19.486	21.429	15.771	19.200	14.771	19.057
121	RETAIL (NEC)	7	16.429	15.143	29.571	22.143	33.286	26.571	19.857	10.714	20.143	19.714	7.000
122	TRANSPORTATION (NEC)	5	16.200	13.000	22.200	23.200	19.600	12.400	25.000	16.000	14.600	12.800	21.800
123	REAL ESTATE (NEC)	2	21.500	18.500	22.000	25.500	21.500	17.000	24.500	11.500	18.000	12.000	25.000
124	INSURANCE (NEC)	13	16.846	13.077	22.154	22.538	25.000	23.692	17.154	16.846	19.538	14.615	20.846
125	ELECTRONICS (NEC)	3	21.667	19.667	26.667	30.667	28.000	20.000	16.667	15.667	20.333	23.333	24.333
140	"WRK WTH PEOPLE" (NEC)	8	17.125	15.750	26.375	26.625	24.750	19.875	18.125	20.500	18.750	17.625	13.750
141	"WRK WITH CHILDR" (NEC)	14	20.714	15.214	24.786	29.143	22.786	20.571	20.500	18.214	18.714	18.500	18.857
150	RESEARCH	6	27.500	11.500	20.167	25.000	25.000	14.333	24.000	21.500	17.167	10.667	14.667
211	MATH, STAT	8	28.000	15.000	24.875	23.250	25.250	22.375	25.625	23.750	17.250	11.750	20.250
212	OTHER STATISTICS	5	21.600	21.600	27.200	25.200	27.800	33.200	17.200	5.200	23.800	19.200	28.400
221	SYSTEMS ANALYST	8	22.250	13.125	22.000	22.750	22.625	24.500	20.250	10.500	16.125	16.875	22.375
222	COMPUTER PROGRAMMER	45	19.800	16.956	23.311	23.622	23.356	22.711	22.333	16.289	19.956	15.044	23.844
229	COMPUTER SPEC (NEC)	7	26.429	17.286	24.000	25.714	23.857	20.000	23.143	21.429	20.000	13.571	17.571
231	CHEMIST	25	27.800	18.680	26.640	23.000	27.480	20.420	22.000	18.240	17.640	11.920	20.320
234	GEOLOGIST	2	28.000	29.000	35.000	24.500	40.000	34.000	27.000	28.000	26.500	32.500	13.000
241	CIVIL ENGINEER	2	21.500	23.000	28.000	19.000	28.500	24.000	24.000	21.500	25.000	14.000	24.500
245	CHEM ENGINEER	2	36.500	26.000	29.500	27.000	27.000	23.000	21.500	23.500	23.500	10.000	25.500
299	PHYS SCI, LAB TECH	23	27.913	14.609	23.739	23.174	24.957	20.696	20.478	16.478	16.957	13.565	19.435
310	BIOLOGIST, ZOOLOGIST	14	35.143	8.571	24.000	22.643	23.714	25.000	18.786	19.571	9.000	6.500	8.571
314	WLDLF/FOREST SPEC	2	33.000	7.000	25.000	22.000	29.500	21.000	16.000	18.500	6.500	7.500	7.000
315	PHARMACOLOGIST	2	29.500	24.000	31.000	23.000	34.500	37.000	32.000	37.000	10.000	1.000	14.000
316	MICROBIOLOGIST	15	31.667	22.867	27.067	23.267	27.133	27.800	25.867	19.800	19.600	16.533	19.867
317	BIOCHEMIST	7	30.000	14.714	28.000	20.857	27.429	28.000	25.000	25.714	14.143	10.571	21.143
319	OTHER CHEM SCI	8	31.875	20.875	24.000	24.250	23.125	23.625	21.500	16.625	14.375	11.000	16.000
329	MD-OTHER	19	35.579	19.737	27.632	26.158	26.105	26.526	21.263	20.579	17.158	10.474	11.579
333	VETERINARIAN	4	33.500	10.000	28.750	21.750	28.000	24.500	25.500	26.750	13.250	9.500	10.750
335	PHARMACIST	16	31.188	16.500	24.188	25.875	24.188	22.250	20.813	18.250	15.688	13.000	19.063
337	RN	763	30.723	13.834	23.615	27.680	22.663	22.111	22.879	18.095	15.898	12.326	14.300
341	DENTAL HYGIENIST	28	28.571	15.857	22.500	26.714	25.607	21.857	22.464	20.286	18.714	15.107	12.143
343	PHYS THERAPIST	16	28.125	11.875	20.625	25.188	23.750	23.750	27.125	21.000	14.875	12.563	12.438
344	OCCUP THERAPIST	13	30.538	16.154	28.231	30.154	31.923	27.769	22.769	16.923	17.538	17.692	13.923
346	SPEC THERAPIST (MISC)	19	26.526	15.684	29.211	28.053	29.263	26.895	24.316	16.895	20.842	15.947	15.368
347	MED/DENT TECHNOL	101	29.842	15.980	25.455	25.554	25.673	22.515	21.158	16.931	16.931	12.990	16.990
348	MED/DENT TECHNICIAN	134	25.284	13.179	22.134	25.739	22.597	19.582	21.060	16.836	16.582	14.784	16.836
360	PSYCHOLOGIST	37	24.243	16.595	29.351	24.081	28.432	24.405	18.297	16.622	16.649	13.324	11.622
369	PSYCH RES ASST	2	15.000	9.500	29.000	30.000	30.500	29.000	26.500	18.500	18.500	11.000	7.000
370	SOCIAL WORKER	190	20.753	17.011	27.095	26.947	25.379	23.384	21.884	16.674	17.868	14.884	14.553
371	PSYCHIATRIC SOC WRKR	18	24.611	18.222	27.611	24.333	25.833	25.056	22.056	20.222	16.889	12.222	10.833
372	COUNSELING/GUIDANCE	16	20.875	17.438	28.875	26.375	27.313	24.875	21.125	17.313	21.938	15.875	14.375
373	VOC/ED GUIDANCE	32	22.469	17.563	27.750	27.531	25.625	25.531	22.531	18.531	20.156	17.281	16.781
382	ECONOMIST	4	23.000	19.500	28.750	15.750	27.000	22.250	18.250	12.000	22.750	11.250	20.500
383	SOCIOLOGIST	2	16.000	17.000	33.500	23.000	28.000	27.000	9.500	16.500	20.000	11.500	4.500
384	ANTHROPOLOGIST	5	35.000	21.200	28.600	21.400	33.000	29.600	16.000	27.400	12.800	5.600	8.000
389	SOCIAL SCI (MISC)	7	21.000	29.857	36.286	29.143	30.429	34.571	19.714	18.571	23.143	22.286	12.000
391	POLITICIAN	2	27.000	17.000	25.500	26.000	27.500	19.000	28.000	13.000	14.000	16.500	7.500
392	DIPLOMAT	8	24.750	19.250	28.500	14.625	27.500	24.250	23.125	25.875	16.625	15.125	11.875
393	LAWYER	13	15.692	17.308	28.308	22.615	26.769	24.615	21.538	11.846	16.462	13.000	15.154
397	PUBLIC ADM (NEC)	2	13.500	25.000	30.000	26.000	25.000	21.000	26.500	15.000	23.000	18.500	21.000
400	TEACHER (NEC)	1194	20.370	16.628	26.466	28.244	24.863	23.354	22.704	17.011	18.538	15.295	16.116
410	TCHNG YNG CHILDR	7	25.571	13.714	25.429	29.286	22.286	26.571	24.143	13.286	15.286	14.000	18.571
411	TCHNG PRESCH CHILDR	37	20.243	13.324	23.973	26.784	24.081	22.595	22.054	17.541	15.622	12.676	12.838
412	TEACHER-ELEM	752	19.923	15.190	26.122	29.098	25.626	23.927	22.109	16.754	18.469	16.061	16.166
420	TEACHER-HS (NEC)	89	19.933	17.787	27.742	26.831	24.820	24.876	22.371	17.708	18.551	14.551	15.955
421	TEACHER-HS MATH	62	21.710	16.903	24.306	28.468	24.613	22.097	24.032	16.274	16.968	14.468	24.968
422	TEACHER-HS SCI	41	31.854	16.927	28.659	29.000	26.439	27.000	24.146	20.415	17.390	15.415	17.171
423	TEACHER-HS SOC ST	68	20.471	19.897	30.074	27.235	27.382	25.353	23.471	16.515	19.838	16.279	12.132
424	TEACHER-ENGLISH	150	20.167	17.793	30.693	28.480	26.567	26.480	22.420	16.713	19.307	14.900	13.633
425	TEACHER-FOREIGN LANG	58	21.862	17.569	29.897	27.414	28.603	27.034	21.759	18.431	17.931	16.034	15.466
426	TEACHER-COMM ED	50	14.900	12.280	23.320	26.460	21.380	21.000	22.700	16.320	19.580	17.000	24.360
427	TEACHER-HS HOME EC	63	16.698	12.222	23.587	25.984	24.413	23.143	19.667	14.937	17.270	14.603	18.556
428	TEACHER-TRADES	2	18.000	13.500	17.500	22.000	26.500	5.000	20.000	20.000	16.000	12.500	18.000
429	TEACHER-PHYS ED	44	21.114	12.341	22.886	28.045	22.182	20.591	33.273	21.818	15.932	13.386	15.295
431	TEACHER-ART	51	17.667	10.667	27.647	25.549	36.098	25.824	21.863	19.412	15.333	14.510	10.922
432	TEACHER-MUSIC	58	20.655	14.190	27.000	28.966	27.621	36.638	22.897	17.655	16.569	14.086	13.879
433	TEACHER-SPEECH	4	11.500	16.250	30.000	24.000	23.750	26.500	24.250	20.750	13.500	10.500	10.000
440	TEACHER-HANDICAPPED	60	23.617	16.667	27.200	30.050	25.900	24.417	22.950	18.500	17.733	14.333	16.433
441	SPEECH THERAPIST	40	23.225	16.775	28.650	28.275	27.425	27.250	21.975	16.275	19.200	14.825	12.525
450	SCH ADM (EXC COLL)	9	27.222	22.333	27.778	30.222	24.667	23.333	27.889	21.556	19.222	14.000	17.333
460	COLL/UNIV TCHR (NEC)	90	26.733	19.233	29.967	26.811	29.467	28.711	24.133	19.567	19.311	15.633	14.944
461	COLL/UNIV TCHR-MATH	8	17.750	15.625	26.750	27.125	26.375	25.375	13.500	6.500	14.750	6.875	22.875
462	COLL/UNIV TCHR-SCI	20	30.350	15.200	30.000	21.250	26.700	30.200	21.300	16.950	15.050	11.000	13.800
463	COLL/UNIV TCHR-SOC SCI	25	28.280	24.000	33.680	24.920	30.000	28.880	23.560	17.040	18.040	11.800	12.120
464	COLL/UNIV TCHR-ENGLISH	49	23.143	20.327	33.388	26.857	30.980	28.918	21.429	16.184	17.143	11.061	12.020
465	COLL/UNIV TCHR-FOR LANG	21	23.048	14.524	31.810	25.905	28.857	29.429	21.000	15.238	15.524	11.714	13.619
470	COLL/UNIV TCHR-ADM	2	21.000	19.000	25.500	28.500	25.000	25.000	24.000	13.500	24.000	11.500	19.500
511	LIBRARIAN	54	19.019	17.111	30.222	26.130	26.852	25.556	19.852	15.185	18.370	15.074	16.537
521	CLERGYMAN	8	12.000	9.250	27.875	28.250	18.250	22.625	23.500	17.625	14.875	15.125	15.250
522	MONK, BROTHER, NUN	46	21.826	16.435	27.370	31.739	23.348	23.609	24.652	16.152	18.348	14.391	16.478
523	RELIG WRKR (OTHER)	36	19.611	10.583	23.778	27.167	24.222	23.639	21.000	17.611	15.083	11.028	14.556
531	WRITER (NEC)	31	17.968	19.000	31.258	24.226	31.774	26.871	21.387	19.290	16.419	14.419	13.419
532	FICTION WRITER	3	32.000	14.000	32.667	28.000	28.667	29.333	21.333	26.667	14.000	16.000	11.000
533	NONFIC WRTR (EXC JRNLST)	5	30.000	17.800	33.400	31.000	31.000	27.200	28.600	19.800	18.000	18.800	14.800

TABLE 1.4 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INTEREST INVENTORY (CONTD.)										
			BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE	ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION
			P-702	P-703	P-704	P-705	P-706	P-707	P-708	P-709	P-710	P-711	P-712
000	NO ANSWER	1639	10.456	11.281	9.037	7.132	9.971	11.334	9.229	11.142	7.801	8.997	9.079
001	DON'T KNOW	262	11.049	11.683	9.630	7.928	10.064	11.435	9.413	11.217	8.185	9.040	8.753
010	HOUSEWIFE	4695	10.138	10.712	8.971	7.179	9.987	11.408	9.422	11.244	7.703	8.870	9.254
020	NO SPEC INCOME JOB	14	8.591	11.497	8.444	6.933	9.503	11.519	9.269	12.500	8.446	9.021	7.963
101	EXECUTIVE (NEC)	2	9.899	2.828	6.364	10.607	9.192	0.0	4.950	7.071	4.243	7.071	12.728
102	FOREMAN (NEC)	3	18.930	2.517	6.557	3.512	8.660	11.372	12.662	18.248	2.000	1.155	4.041
111	WORK FOR GOVT (NEC)	30	9.579	12.602	7.981	8.569	10.898	11.409	10.918	11.646	8.653	8.628	8.257
112	IN BUS FOR SELF (NEC)	19	11.163	12.816	7.610	7.969	7.935	10.890	6.508	12.123	8.468	8.200	10.698
120	IND, BUS, COMM	35	8.308	11.923	8.876	5.169	8.253	11.278	8.129	10.754	7.392	8.349	9.016
121	RETAIL (NEC)	7	9.307	14.904	6.477	4.741	6.130	7.807	7.151	11.557	6.594	6.020	4.243
122	TRANSPORTATION (NEC)	5	5.586	8.602	9.284	6.723	15.027	13.088	15.811	17.450	7.765	3.834	14.149
123	REAL ESTATE (NEC)	2	12.021	21.920	7.071	3.536	7.778	1.414	4.950	12.021	12.728	7.071	1.414
124	INSURANCE (NEC)	13	9.353	9.929	8.235	6.948	9.363	10.950	9.512	11.305	5.577	6.665	9.415
125	ELECTRONICS (NEC)	3	10.066	11.015	5.859	0.577	10.149	14.000	10.017	8.083	5.686	11.930	13.204
140	"WRK WTH PEOPLE" (NEC)	8	9.094	12.116	10.822	5.069	7.440	15.770	11.294	14.213	7.146	5.208	11.560
141	"WRK WITH CHILDR" (NEC)	14	5.060	10.664	5.873	7.645	5.860	9.493	8.959	12.753	8.870	10.075	11.973
150	RESEARCH	6	12.406	10.015	8.542	8.198	9.274	12.612	9.252	13.338	6.676	7.257	10.013
211	MATH, STAT	8	9.118	13.180	7.827	8.648	10.873	12.235	7.269	7.778	9.223	10.539	5.751
212	OTHER STATISTICS	5	13.297	14.741	9.576	8.899	9.121	6.870	6.140	10.035	6.221	12.872	12.198
221	SYSTEMS ANALYST	8	6.251	10.063	7.690	9.161	9.913	10.569	6.923	6.908	8.132	6.664	9.180
222	COMPUTER PROGRAMMER	45	10.459	11.947	9.417	7.726	9.235	11.457	9.625	10.991	7.547	9.254	8.224
229	COMPUTER SPEC (NEC)	7	13.927	10.111	6.782	5.765	7.798	9.522	9.512	12.528	4.435	8.772	6.425
231	CHEMIST	25	8.660	11.412	5.985	8.010	8.832	12.410	10.124	11.882	6.751	5.992	9.168
234	GEOLOGIST	2	14.142	15.556	4.243	3.536	0.0	5.657	4.243	7.071	7.778	6.364	5.657
241	CIVIL ENGINEER	2	2.121	9.899	1.414	8.485	6.364	5.657	8.485	2.121	4.243	1.414	4.950
245	CHEM ENGINEER	2	2.121	9.899	0.707	5.657	14.142	18.385	12.021	23.335	12.021	9.899	2.121
299	PHYS SCI, LAB TECH	23	8.458	8.805	8.693	8.392	8.767	10.034	10.344	10.072	6.101	7.585	8.095
310	BIOLOGIST, ZOOLOGIST	14	2.685	9.921	7.746	7.890	12.060	11.865	9.341	10.988	6.481	5.302	5.445
314	WLDLF/FOREST SPEC	2	7.071	9.899	5.657	5.657	4.950	4.243	11.314	16.263	0.707	0.707	4.243
315	PHARMACOLOGIST	2	7.778	15.556	0.0	7.071	6.364	4.243	2.828	0.0	4.243	1.414	12.728
316	MICROBIOLOGIST	15	7.780	13.485	6.808	9.640	8.634	7.331	7.827	11.839	8.441	11.199	9.023
317	BIOCHEMIST	7	9.381	10.404	6.506	7.712	7.547	6.928	7.853	13.462	6.336	6.051	6.793
319	OTHER CHEM SCI	9	9.448	12.088	11.514	5.922	10.986	13.856	9.320	15.656	8.518	7.521	12.817
329	MD-OTHER	19.	5.135	12.494	6.405	6.970	7.117	10.389	8.868	12.094	8.302	5.645	7.918
333	VETERINARIAN	4	5.196	12.936	8.995	15.586	3.916	2.517	9.327	11.615	12.659	12.793	12.500
335	PHARMACIST	16	6.969	10.627	7.232	4.815	8.879	10.884	8.328	10.003	4.362	7.099	8.505
337	RN	703	6.737	10.727	7.933	6.155	9.315	10.604	8.674	10.942	7.238	9.349	8.368
341	DENTAL HYGIENIST	28	8.921	10.487	8.395	5.643	9.708	11.925	11.030	9.641	6.991	7.781	10.182
343	PHYS THERAPIST	16	5.097	9.514	8.898	9.050	8.347	11.174	10.301	11.922	7.822	7.797	6.918
344	OCCUP THERAPIST	13	4.858	13.082	5.918	5.460	7.794	7.823	7.928	11.354	8.192	7.341	6.409
346	SPEC THERAPIST (MISC)	19	8.208	12.512	7.969	4.600	7.430	11.958	9.434	10.837	6.221	7.856	5.036
347	MED/DENT TECHNOL	101	9.032	10.962	7.319	7.468	7.999	9.583	8.851	11.720	6.939	8.185	8.263
348	MED/DENT TECHNICIAN	134	10.165	11.962	9.427	6.947	9.320	11.578	10.127	11.791	7.959	9.845	9.013
360	PSYCHOLOGIST	37	8.258	11.181	6.832	5.464	6.021	10.872	7.352	9.861	7.696	8.838	8.404
369	PSYCH RES ASST	2	7.071	13.435	2.828	0.0	4.950	1.414	3.536	12.021	7.778	9.485	5.657
370	SOCIAL WORKER	190	10.637	11.421	7.730	6.930	9.103	10.303	9.594	11.337	6.881	8.733	9.080
371	PSYCHIATRIC SOC WRKR	18	8.514	9.534	6.929	6.851	10.529	10.663	10.608	12.624	7.348	7.803	7.485
372	COUNSELING/GUIDANCE	14	9.878	10.040	5.201	5.954	8.031	10.455	9.222	10.910	8.201	9.674	10.424
373	VOC/ED GUIDANCE	32	8.580	8.557	6.330	7.401	8.904	8.714	9.077	12.831	6.406	9.354	8.450
382	ECONOMIST	4	9.092	8.660	2.872	8.846	9.487	13.022	8.057	14.583	3.403	4.349	14.480
383	SOCIOLOGIST	2	18.385	7.071	3.536	11.314	2.828	1.414	2.121	23.335	5.657	4.950	4.950
384	ANTHROPOLOGIST	5	5.523	14.567	8.173	14.741	8.456	11.781	5.148	9.154	11.520	7.369	9.354
389	SOCIAL SCI (MISC)	7	10.893	9.442	2.628	6.644	3.552	4.860	6.291	6.051	6.842	9.322	11.121
391	POLITICIAN	2	11.314	1.414	0.707	1.414	2.121	15.556	11.314	0.0	4.243	16.263	4.950
392	DIPLOMAT	8	6.453	11.949	5.855	5.680	5.904	7.285	6.151	10.629	7.652	8.509	7.434
393	LAWYER	13	9.995	13.231	6.143	9.188	7.373	8.530	7.434	8.494	10.047	9.739	12.199
397	PUBLIC ADM (NEC)	2	0.707	12.728	11.314	1.414	8.485	9.899	16.263	16.971	5.657	4.950	2.828
400	TEACHER (NEC)	1194	9.935	11.467	7.958	6.380	9.365	10.898	9.048	11.269	7.195	8.559	9.217
410	TCHNG YNG CHILDR	7	7.955	11.485	10.196	5.376	12.932	6.901	9.155	9.742	4.030	10.083	11.133
411	TCHNG PRESCH CHILDR	37	9.613	11.168	7.259	5.417	9.575	10.981	10.964	12.185	8.440	9.815	9.474
412	TEACHER-ELEM	752	9.661	11.336	7.917	6.246	9.174	10.742	8.953	11.113	7.429	8.933	8.713
420	TEACHER-HS (NEC)	89	9.582	12.344	6.904	6.834	9.654	11.103	9.834	11.092	6.774	8.812	9.922
421	TEACHER-HS MATH	62	9.098	12.214	8.448	5.503	9.601	10.522	8.994	10.980	8.158	8.931	8.472
422	TEACHER-HS SCI	41	6.031	8.101	5.579	6.099	8.367	9.370	9.533	10.476	6.782	8.567	8.523
423	TEACHER-HS SOC ST	69	9.890	13.060	7.450	7.347	9.359	10.409	9.409	11.632	9.079	10.360	8.840
424	TEACHER-ENGLISH	150	9.804	12.354	7.097	6.045	9;398	9.724	9.694	10.645	6.916	8.517	8.557
425	TEACHER-FOREIGN LANG	58	8.773	12.279	7.364	6.857	9.315	8.873	9.404	11.590	8.433	9.396	8.949
426	TEACHER-COMM ED	50	7.880	10.698	9.137	6.846	9.577	10.700	7.789	9.761	6.914	9.006	8.211
427	TEACHER-HS HOME EC	63	9.978	10.622	6.341	7.138	9.154	10.686	8.602	9.899	6.389	9.389	9.182
428	TEACHER-TRADES	2	7.071	10.607	2.121	12.728	17.678	1.414	28.284	28.284	1.414	3.536	8.485
429	TEACHER-PHYS ED	44	10.919	11.060	7.635	5.502	9.970	10.588	7.228	12.208	6.990	8.414	8.687
431	TEACHER-ART	51	10.981	10.575	7.634	6.810	4.989	11.815	10.675	11.161	7.557	8.083	9.184
432	TEACHER-MUSIC	59	9.018	9.899	7.150	6.553	7.883	5.084	8.326	9.876	7.451	8.266	8.736
433	TEACHER-SPEECH	4	9.950	15.086	12.517	13.565	9.979	14.549	11.587	17.765	12.014	12.557	9.345
440	TEACHER-HANDICAPPED	60	9.102	12.824	7.559	6.395	9.040	10.913	7.858	11.411	7.537	9.614	8.894
441	SPEECH THERAPIST	40	8.926	11.421	7.489	7.334	8.641	10.040	8.450	10.801	6.642	9.816	7.521
450	SCH ADM (EXC COLL)	9	10.109	10.198	10.195	6.888	9.899	12.570	4.400	5.388	6.610	9.657	8.972
460	COLL/UNIV TCHR (NEC)	90	9.250	12.077	6.569	7.464	8.297	10.119	8.463	10.036	7.911	9.205	9.779
461	COLL/UNIV TCHR-MATH	8	11.659	10.099	11.949	8.887	13.585	13.845	7.559	8.264	8.345	5.963	10.869
462	COLL/UNIV TCHR-SCI	20	8.048	11.861	6.712	6.180	10.579	8.649	8.603	13.598	8.095	8.547	10.670
463	COLL/UNIV TCHR-SOC SCI	25	8.264	12.718	4.871	7.449	8.103	8.964	9.562	11.494	8.304	7.200	7.270
464	COLL/UNIV TCHR-ENGLISH	49	10.218	12.042	3.989	7.118	7.406	10.510	7.159	10.372	7.176	8.227	8.719
465	COLL/UNIV TCHR-FOR LANG	21	11.351	12.250	4.654	7.217	6.930	9.212	9.105	13.513	6.846	7.970	9.636
470	COLL/UNIV TCHR-ADM	2	0.0	9.899	6.364	2.121	11.314	12.728	0.0	9.192	2.828	9.192	4.950
511	LIBRARIAN	54	8.660	10.374	6.908	5.432	7.989	9.681	8.238	9.124	6.211	8.289	9.460
521	CLERGYMAN	8	8.177	11.889	6.917	8.311	9.996	9.054	9.621	13.938	6.034	8.357	9.347
522	MONK, BROTHER, NUN	46	10.357	12.359	7.973	5.957	10.124	9.530	7.677	11.111	6.641	7.638	9.528
523	RELIG WRKR (OTHER)	35	7.871	13.257	9.997	7.443	11.487	11.864	11.245	12.869	8.051	9.266	10.347
531	WRITER (NEC)	31	11.353	12.559	6.011	8.984	5.795	10.560	9.348	12.202	9.560	12.140	10.645
532	FICTION WRITER	3	11.269	14.933	5.686	10.817	9.815	7.024	12.503	8.505	10.440	13.892	4.583
533	NONFIC WRTR (EXC JRNLST)	5	10.700	13.255	4.336	5.701	10.630	11.883	10.359	15.865	8.426	8.497	1.924

TABLE 1.4 (continued)

#	GROUP	N	MEANS										
			INTEREST INVENTORY (CONTD.)										
			BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE	ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION
			P-702	P-703	P-704	P-705	P-706	P-707	P-708	P-709	P-710	P-711	P-712
534	JRNLST/RPRTER	20	15.800	15.350	31.450	22.700	26.300	22.950	20.100	12.950	19.350	15.100	14.200
536	PUBLISHER, ETC.	5	21.600	19.600	26.900	25.400	25.400	22.000	27.200	20.000	15.600	12.000	14.800
537	EDITOR	8	22.750	16.750	33.000	25.500	26.875	30.000	25.500	12.000	18.750	15.250	12.375
539	TRNSLTR, INTRPRTR, LINGST	9	23.111	21.556	32.556	25.889	31.333	28.444	22.111	14.222	18.222	13.667	16.222
541	FINE ARTS	31	20.000	14.355	27.161	18.516	35.065	29.452	19.581	20.194	14.710	12.935	11.806
545	COMM ARTIST	41	20.049	12.634	23.780	21.878	34.976	24.390	19.927	22.659	16.171	14.049	10.732
547	DESIGNER (CONS GDS)	5	25.600	11.600	27.800	22.600	37.400	26.800	15.000	19.400	15.800	15.600	11.400
551	MUSICIAN	11	12.909	8.364	27.182	21.727	29.909	37.273	20.273	19.182	15.273	10.455	9.545
552	SINGER	5	20.200	20.800	25.800	31.600	25.600	31.200	25.000	18.000	20.600	16.000	13.600
559	MUSIC-REL (MISC)	9	23.444	14.111	29.111	28.667	31.111	38.667	22.111	20.000	15.333	10.000	11.222
560	DANCER, CHOREOG	14	17.571	14.286	23.429	25.929	27.786	31.071	20.857	17.571	17.071	11.929	14.286
571	ACTOR	6	16.833	10.167	25.833	13.167	28.667	26.333	17.333	20.667	11.833	9.000	5.167
575	THEATRE ((OTHER)	14	19.143	14.286	29.857	19.429	31.000	29.929	24.357	23.643	15.929	11.857	5.429
579	MISC PERF ARTS	3	15.333	16.667	30.667	26.667	31.000	33.333	23.000	18.667	18.333	13.000	6.333
581	MODEL	6	15.500	16.250	27.000	16.500	29.000	26.000	23.250	16.500	20.500	20.750	22.000
621	RECREATION DIR	12	25.583	13.417	23.583	27.333	25.000	21.833	29.667	20.250	14.417	8.167	10.083
622	CMPNG, SCTNG, PRK GD	3	26.667	11.000	26.333	24.000	20.667	28.000	20.000	23.667	15.667	12.333	7.000
639	FARMING (OTHER)	6	14.833	14.000	24.167	20.833	27.667	19.667	28.667	32.000	19.500	23.000	14.000
711A	BANKING & FINANCE, I	30	15.600	11.433	19.200	25.067	20.600	14.033	19.400	14.533	18.467	15.700	22.967
711B	BANKING & FINANCE, II	4	19.500	20.750	24.500	23.750	26.000	24.500	29.000	23.250	25.500	21.000	29.000
712	INVSTMNT, STOCK CONSULT	2	18.500	19.500	22.500	14.500	26.500	20.000	23.000	15.000	17.500	12.500	25.000
716	CPA	25	16.080	17.600	23.680	24.600	22.040	19.840	22.760	16.760	21.040	16.360	29.000
717	ACCTANT (EXC CPA)	50	15.060	11.320	18.540	21.700	18.800	18.480	19.420	15.100	17.540	14.400	23.700
721	PURCHASING AGENT	4	15.500	6.250	17.000	23.000	23.750	18.000	24.000	9.000	14.500	15.500	15.500
722	RETAIL BUYER	24	17.333	16.542	23.083	22.750	25.792	17.625	19.500	11.750	19.875	19.167	17.875
724	ADVERTISING	32	18.563	19.906	28.875	24.000	31.063	24.344	21.813	17.844	19.844	19.563	14.344
725	PUBLIC RELATIONS	16	19.875	21.563	29.188	25.313	28.125	26.313	26.625	19.000	20.000	15.000	13.438
726	PERSONNEL ADMIN	25	21.400	16.560	28.640	25.440	26.720	23.440	24.640	16.640	20.560	15.680	18.040
727	APPRAISING, ESTIMATING	13	14.846	12.769	21.539	24.000	19.923	17.692	20.845	15.000	17.000	16.154	18.308
728	LOAN/CREDIT INVESTIG	11	24.091	13.727	24.455	26.000	24.636	19.091	20.545	19.636	20.182	18.182	19.273
730	BUS MGMT ADM (NEC)	19	17.105	16.684	25.211	26.316	24.105	18.947	21.105	13.789	20.737	18.000	18.263
732	WHSL/RET TRADE MGMT/MKTG	12	21.583	17.167	23.750	23.167	27.917	21.167	18.500	19.417	18.917	14.833	15.333
738	SUPERVISOR IN BUS	8	24.250	18.125	23.875	26.500	25.875	26.500	19.875	23.000	21.875	16.375	24.875
741	SALESCLERK	34	13.882	9.912	18.029	24.588	16.794	16.353	16.853	10.853	16.353	13.441	16.529
743	STOCKBROKER	4	30.000	13.000	25.500	29.500	26.250	31.000	13.000	16.500	15.000	10.500	9.500
745	REAL ESTATE SLSMAN	6	22.333	24.333	31.333	22.667	29.833	25.667	20.000	18.500	22.500	17.167	19.167
746	INSURANCE SLSMAN	5	9.400	5.000	19.800	18.400	23.800	24.000	21.000	19.200	12.800	7.000	17.400
748	OTHER SLSMAN (NEC)	13	13.385	11.692	21.000	24.769	25.077	19.846	22.154	15.615	18.846	18.846	18.231
749	SALES MGR	2	30.500	26.500	20.500	21.500	22.000	13.000	6.500	13.000	23.000	21.000	9.500
751	BOOKKEEPER	131	13.130	11.473	18.947	22.786	20.023	18.863	19.115	14.183	17.260	15.519	22.985
752	TELLER OR BANK CLRK	37	13.568	11.270	20.270	24.973	20.595	17.054	20.757	14.595	17.378	14.757	19.054
753	CASHIER	17	15.882	14.176	21.588	27.353	22.353	19.824	18.059	13.941	19.235	18.059	21.529
755	MISC ACCT RECDG	64	16.250	12.313	21.000	23.984	23.203	19.625	20.703	16.484	17.906	16.563	20.266
756	KEYPUNCH OP	83	13.446	10.940	19.458	23.578	20.470	15.759	19.301	14.361	17.012	14.892	19.892
757	KEYPUNCH INSTRUC	4	14.750	13.000	15.500	23.750	18.000	20.500	12.250	11.750	14.500	13.250	25.500
758	COMPUTER OP	65	14.769	11.338	20.046	24.415	19.523	17.554	20.015	13.508	16.785	15.662	18.385
761	SECRETARY (NEC)	197	14.949	11.944	21.593	24.534	21.282	19.025	19.823	14.133	17.851	14.496	18.511
762	SECRETARY-BOOKKEEPER	23	10.043	9.793	17.391	24.174	18.000	18.304	17.609	12.087	17.478	13.348	23.043
763	MED/DENT SECRETARY	47	20.617	11.745	21.362	24.191	20.766	19.447	20.745	15.447	15.043	14.404	17.894
764	LEGAL SECRETARY	61	17.131	16.835	25.230	27.000	24.689	18.311	22.344	16.049	19.459	16.770	19.639
765	STENO, CRT RPRTR	69	16.232	11.101	22.159	24.754	21.188	17.942	19.768	14.783	17.855	15.130	18.725
766	TYPIST, CLERK TYPIST	103	14.359	9.864	19.252	22.650	20.282	16.650	19.058	12.447	17.233	14.709	18.165
768	PROOFREADER	2	18.000	25.000	23.000	24.500	18.000	14.000	17.000	15.000	22.000	22.500	23.000
769	CLERK (MISC)	137	13.117	10.095	20.015	23.197	20.058	17.504	18.197	13.715	17.343	15.051	20.628
771	OFFICE SUPERVISOR	14	12.214	15.714	23.500	26.357	20.643	20.500	17.786	14.786	19.500	17.571	19.143
772	OFFICE MGR	5	19.000	11.000	20.000	20.200	28.400	13.400	16.800	19.000	16.200	20.400	18.600
781	PHONE, PBX OP	45	15.956	10.644	19.956	23.378	17.600	17.711	17.956	12.667	14.922	13.311	16.689
789	OTHER "PUB CONT" OCCS	58	16.500	13.103	22.086	23.845	21.466	19.431	20.552	14.983	16.966	14.121	15.466
791	RADIO, TELEGR, TTY OP	4	16.500	7.500	14.750	22.250	13.250	16.500	17.500	20.750	13.250	8.000	16.250
797	MISC CLERICAL	12	12.750	10.500	19.833	21.583	21.083	18.167	21.750	13.917	16.833	15.333	16.417
798	MISC ADMINISTRATIVE	17	19.118	18.529	26.059	20.941	25.706	20.059	22.529	14.647	19.882	14.882	17.353
833	METAL TRADES	2	4.500	7.000	15.500	26.000	20.000	15.000	23.500	11.500	23.000	11.000	24.500
861	PRINTING TRADES	6	9.667	6.333	20.667	21.167	20.333	22.667	21.000	13.833	17.000	16.500	20.500
864	DRAFTSMAN	4	21.000	11.500	26.750	18.500	39.500	16.000	16.000	15.750	12.500	11.500	9.000
865	PHOTOGRAPHY	4	11.500	10.500	18.000	18.000	22.250	19.750	30.500	27.500	9.250	6.250	11.500
866	INTERIOR DECORATOR	21	19.619	19.667	26.952	22.619	34.952	26.333	23.095	25.857	19.381	16.762	14.190
867	LANDSCAPE ARCHIT	2	21.000	10.000	20.500	14.000	30.500	39.000	28.000	16.500	5.000	3.500	21.500
868	CLTHNG & FASH TRADES	50	14.140	10.300	20.300	22.260	25.300	18.740	17.980	15.060	16.240	16.860	16.480
871	DIETITIAN	22	26.727	18.409	25.045	27.455	26.682	25.545	20.500	15.773	20.364	17.273	16.136
872	HOME ECONOMIST	30	20.267	14.033	23.800	27.667	24.033	20.900	21.433	14.600	19.267	18.667	16.500
873	AIRLN STEWRD, STEWRDESS	13	13.154	13.077	22.692	24.538	24.769	24.000	22.462	17.692	14.923	14.692	12.077
881	FOOD & BEVERAGE PREP	5	14.800	3.800	13.200	18.800	15.600	15.200	19.400	11.200	8.400	4.600	7.800
891	MISC PERSONAL SERV	28	13.107	8.000	17.786	20.857	16.393	13.643	18.357	13.964	13.857	10.214	16.393
893	HAIRDRESSER	196	14.577	9.760	18.388	22.628	21.061	17.898	19.643	14.867	15.485	13.872	15.526
894	PRACTICAL NURSE	118	23.568	10.619	21.169	26.593	22.059	19.136	20.186	16.737	15.415	14.169	15.025
895	NURSES' AIDE	23	24.261	11.043	23.217	25.348	21.130	22.870	22.913	17.522	14.957	13.652	17.478
896	DOMESTIC SERVICE	4	17.250	8.000	16.000	24.500	14.000	13.000	21.500	21.750	14.000	16.500	11.750
899	GENERAL LABORER	76	15.211	11.224	19.145	24.553	19.132	17.618	19.421	13.250	18.013	16.211	18.263
	TOTAL	14703	18.233	13.124	22.872	25.356	22.999	20.434	20.710	15.978	17.218	14.707	16.947

TABLE 1.4 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INTEREST INVENTORY (CONTD.)										
			BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE	ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION
			P-702	P-703	P-704	P-705	P-706	P-707	P-708	P-709	P-710	P-711	P-712
534	JRNLŠT/RPRTER	20	10.890	10.230	5.862	7.072	9.587	10.521	8.491	10.526	7.809	6.382	9.440
536	PUBLISHER, ETC.	5	10.526	15.694	11.432	7.701	10.922	15.492	12.458	12.247	11.459	13.472	11.054
537	EDITOR	8	11.720	9.377	3.338	9.517	9.891	5.555	10.296	7.407	5.574	8.294	11.160
539	TRNSLTR, INTRPRTR, LINGST	9	5.883	12.481	5.053	7.305	5.958	9.838	8.115	9.176	6.280	6.042	9.563
541	FINE ARTS	31	10.702	9.732	7.151	7.325	7.257	9.055	9.186	12.081	6.783	8.442	8.043
545	COMM ARTIST	41	9.618	12.583	8.951	7.759	5.663	10.858	9.936	12.587	7.645	9.097	8.602
547	DESIGNER (CONS GDS)	5	8.142	12.422	6.979	4.722	2.302	15.531	6.205	13.278	8.786	13.390	6.397
551	MUSICIAN	11	9.322	8.213	6.615	5.312	10.904	3.823	9.561	12.560	5.587	9.026	7.634
552	SINGER	5	12.795	16.709	10.085	5.505	10.739	9.445	13.248	13.565	7.765	5.874	11.305
559	MUSIC-REL (MISC)	9	10.537	13.014	8.358	7.000	7.457	1.414	10.043	18.695	11.369	12.420	10.952
560	DANCER, CHOREOG	14	11.440	10.908	8.299	7.205	9.374	7.927	11.759	14.862	9.794	8.194	9.887
571	ACTOR	6	9.065	10.028	8.704	6.555	6.470	7.840	8.335	13.186	4.834	7.099	6.242
575	THEATRE ((OTHER)	14	10.654	11.452	7.715	9.501	8.403	10.440	8.335	11.209	8.615	10.553	4.941
579	MISC PERF ARTS	3	6.028	6.658	8.737	3.215	8.544	1.155	15.716	12.503	8.145	8.544	5.033
581	MODEL	4	15.286	15.414	9.092	10.661	7.616	13.565	10.145	4.726	9.539	11.087	11.505
621	RECREATION DIR	12	10.501	11.642	7.025	6.513	11.778	12.254	8.500	13.632	6.052	7.006	8.826
622	CMPNG, SCTNG, PRK GD	3	14.434	14.177	9.504	1.000	16.073	10.583	14.526	15.275	11.719	13.650	6.557
639	FARMING (OTHER)	6	10.534	10.431	9.867	11.232	8.571	12.469	12.863	5.762	8.337	12.231	11.136
711A	BANKING & FINANCE, I	30	12.076	11.990	10.152	8.387	9.825	10.804	10.431	10.384	7.780	9.370	9.027
711B	BANKING & FINANCE, II	4	9.037	12.816	8.505	10.751	11.518	13.304	6.377	12.473	8.583	9.899	7.439
712	INVSTMNT, STOCK CONSULT	2	17.678	24.749	12.021	4.950	14.849	25.456	4.243	2.828	7.778	10.607	9.899
716	CPA	25	10.218	12.376	7.862	8.042	9.334	9.898	10.385	11.012	6.432	9.708	9.526
717	ACCTANT (EXC CPA)	50	10.735	10.197	8.041	7.115	9.904	12.318	9.900	11.713	6.996	8.659	9.616
721	PURCHASING AGENT	4	7.767	6.752	3.916	8.832	12.121	8.485	8.042	4.899	3.317	5.196	5.745
722	RETAIL BUYER	24	9.145	12.198	8.097	7.479	10.363	8.977	8.673	8.921	7.612	8.977	9.768
724	ADVERTISING	32	9.273	11.979	7.015	7.044	8.523	10.438	9.268	10.866	7.911	9.073	9.174
725	PUBLIC RELATIONS	16	11.008	10.826	7.458	7.445	8.943	8.746	10.844	12.843	6.693	9.149	9.879
726	PERSONNEL ADMIN	25	11.147	11.497	7.444	6.820	9.445	12.942	7.460	9.785	5.760	6.625	10.811
727	APPRAISING, ESTIMATING	13	11.746	9.167	8.752	9.609	9.887	13.996	8.849	12.376	6.608	10.455	7.664
728	LOAN/CREDIT INVESTIG	11	10.025	12.626	9.564	8.497	10.250	14.815	10.309	12.396	10.591	10.916	11.261
730	BUS MGMT ADM (NEC)	19	8.406	12.949	10.470	5.508	8.151	10.669	8.319	10.272	7.687	9.877	7.992
732	WHSL/RET TRADE MGMT/MKTG	12	12.340	12.460	9.818	9.350	9.130	12.691	9.050	11.196	6.762	8.789	10.748
738	SUPERVISOR IN BUS	8	11.042	10.986	8.823	6.908	10.869	12.547	11.357	6.568	4.824	4.627	3.271
741	SALESCLERK	34	8.438	11.647	8.796	7.016	11.425	12.032	8.353	10.714	6.723	8.784	8.540
743	STOCKBROKER	4	7.348	12.193	6.137	7.188	10.563	10.893	8.367	13.026	4.243	11.121	5.972
745	REAL ESTATE SLSMAN	6	9.180	8.238	8.383	8.383	6.113	13.589	11.153	7.662	4.037	8.954	9.827
746	INSURANCE SLSMAN	5	11.149	6.782	9.066	8.706	9.338	10.198	3.742	10.872	8.167	7.382	6.504
748	OTHER SLSMAN (NEC)	13	10.079	11.514	9.478	6.623	9.793	10.877	8.454	7.698	7.414	6.938	11.425
749	SALES MGR	2	3.536	13.435	10.607	13.435	11.314	12.728	2.121	14.142	9.899	15.556	9.192
751	BOOKKEEPER	131	10.413	10.847	8.442	7.385	9.688	11.981	10.040	10.980	8.276	9.300	8.953
752	TELLER OR BANK CLRK	37	9.391	10.829	9.820	6.821	11.906	11.145	8.770	10.106	6.601	7.459	8.625
753	CASHIER	17	12.639	13.478	8.661	6.041	9.206	9.369	10.170	11.008	7.612	11.144	8.508
755	MISC ACCT RECDG	64	11.187	11.314	9.200	7.921	9.834	11.030	10.686	11.947	7.318	7.928	10.128
756	KEYPUNCH OP	93	8.856	9.421	8.093	6.681	9.507	10.802	9.734	10.707	7.756	9.000	8.732
757	KEYPUNCH INSTRUC	4	11.177	16.104	11.561	4.646	17.029	19.140	10.436	3.500	8.021	12.038	7.550
758	COMPUTER OP	65	11.229	10.468	8.570	6.456	10.833	10.822	9.311	11.065	7.021	9.130	9.124
761	SECRETARY (NEC)	997	9.549	10.540	8.249	7.058	9.729	11.077	9.398	11.096	7.323	8.770	9.268
762	SECRETARY-BOOKKEEPER	23	8.087	10.317	9.124	7.463	9.327	11.166	10.616	11.053	7.615	8.653	8.008
763	MED/DENT SECRETARY	47	10.032	8.012	8.163	7.677	9.025	9.919	10.322	11.186	6.241	9.028	9.180
764	LEGAL SECRETARY	61	9.045	12.145	7.951	5.969	9.202	11.099	9.040	10.816	7.431	9.468	9.645
765	STENO, CRT RPRTR	69	10.415	10.251	8.060	6.954	8.560	11.889	8.568	11.212	7.502	8.741	9.359
766	TYPIST, CLERK TYPIST	123	10.883	10.223	9.149	7.706	9.943	11.266	9.094	11.447	7.221	9.195	9.392
768	PROOFREADER	2	2.828	14.142	2.828	6.364	11.314	0.0	1.414	2.828	1.414	0.707	1.414
769	CLERK (MISC)	137	9.627	9.909	8.924	7.316	10.367	10.906	9.820	11.597	6.955	8.614	8.673
771	OFFICE SUPERVISOR	14	7.628	12.940	8.908	6.308	9.896	11.733	11.437	12.411	9.436	7.542	7.892
772	OFFICE MGR	5	5.148	6.403	7.681	8.136	11.349	8.933	5.020	5.431	7.596	12.260	13.667
781	PHONE, PBX OP	45	12.068	10.558	8.296	6.333	10.545	10.841	9.565	10.462	7.303	9.527	8.374
789	OTHER "PUB CONT" OCCS	58	10.281	12.011	8.904	7.698	10.725	11.039	9.701	11.419	8.295	10.759	9.306
791	RADIO, TELEGR, TTY OP	4	15.155	13.077	9.430	10.210	14.592	13.204	12.234	13,500	6.500	9.798	6.500
797	MISC CLERICAL	12	9.016	9.737	5.997	6.417	6.515	9.628	8.843	8.939	5.797	8.804	8.050
798	MISC ADMINISTRATIVE	17	10.018	12.890	7.429	5.847	9.629	10.969	8.589	11.434	6.927	6.963	7.228
833	METAL TRADES	2	0.707	2.828	9.192	5.657	4.243	1.414	14.849	16.263	2.828	1.414	10.607
861	PRINTING TRADES	6	7.367	12.176	6.890	7.083	12.691	12.111	14.100	14.134	7.155	9.050	11.221
864	DRAFTSMAN	4	12.193	11.504	7.365	11.387	0.577	11.776	8.832	10.595	5.972	7.234	8.869
865	PHOTOGRAPHY	4	11.790	17.234	15.341	2.160	17.500	16.132	8.813	11.150	6.702	7.228	9.110
866	INTERIOR DECORATOR	21	11.263	11.770	8.851	8.863	5.324	9.682	8.354	10.150	7.440	8.999	7.859
867	LANDSCAPE ARCHIT	2	4.243	9.899	10.607	2.828	9.192	1.414	0.0	4.950	1.414	4.950	4.950
868	CLTHNG & FASH TRADES	50	8.704	8.832	8.447	6.571	10.110	10.900	10.181	9.584	7.436	5.922	8.636
871	DIETITIAN	22	6.741	12.949	9.142	5.466	8.616	8.416	8.640	11.301	8.180	9.696	9.167
872	HOME ECONOMIST	30	8.839	10.617	9.459	6.702	9.290	10.717	7.753	10.839	8.399	10.626	10.408
873	AIRLN STEWRD, STEWRDESS	13	8.030	14.614	7.375	6.912	11.084	11.460	7.479	8.683	9.526	8.046	6.422
881	FOOD & BEVERAGE PREP	5	12.071	5.541	9.471	8.585	8.735	10.060	10.644	13.142	4.450	5.030	4.868
891	MISC PERSONAL SERV	28	9.616	10.165	7.748	5.536	10.979	12.136	8.247	10.490	7.427	7.480	7.714
893	HAIRDRESSER	196	9.566	9.557	8.577	7.178	9.444	11.451	10.018	11.203	7.370	8.674	8.739
894	PRACTICAL NURSE	118	10.436	9.912	8.887	6.476	9.842	9.805	10.106	11.089	7.258	8.954	8.261
895	NURSES' AIDE	23	11.339	8.121	8.129	7.790	8.714	10.721	8.857	12.533	6.554	8.531	10.570
896	DOMESTIC SERVICE	4	12.580	14.071	12.193	5.972	7.394	14.652	12.871	11.471	8.524	9.539	7.805
899	GENERAL LABORER	76	9.445	9.542	7.991	7.808	8.530	11.357	10.313	10.182	7.539	9.280	9.710
	TOTAL	14703	10.846	11.345	9.035	7.288	10.005	11.527	9.475	11.328	7.647	8.932	9.352

TABLE 1.4 (continued)

#	GROUP	N	MEANS										
			INTEREST INVENTORY (CONTD.)					STUDENT ACTIVITIES INVENTORY					
			OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES	FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS
			P-713	P-714	P-715	P-716	P-717	R-601	R-602	R-603	R-604	R-605	P-606
000	NO ANSWER	1639	24.644	9.202	9.342	14.729	8.170	7.106	5.536	2.115	3.648	4.861	6.589
001	DON'T KNOW	262	21.141	9.294	8.786	14.813	7.557	6.321	5.225	2.305	3.336	4.481	6.229
010	HOUSEWIFE	4695	26.173	8.591	8.940	14.462	7.958	7.346	5.637	2.035	3.707	4.971	6.760
020	NO SPEC INCOME JOB	14	26.500	9.286	10.286	13.143	10.071	7.286	5.286	2.143	3.500	5.929	6.643
101	EXECUTIVE (NEC)	2	35.500	9.000	10.500	12.500	9.000	7.500	6.000	1.500	5.000	5.000	8.000
102	FOREMAN (NEC)	3	5.000	13.667	11.667	31.000	12.667	6.333	4.000	3.667	4.333	5.333	3.667
111	WORK FOR GOVT (NEC)	30	24.333	10.000	8.900	14.433	8.467	6.167	4.667	2.333	3.633	5.133	6.700
112	IN BUS FOR SELF (NEC)	18	23.000	10.000	9.000	16.333	7.944	8.000	6.944	2.611	4.444	5.778	6.889
120	IND, BUS, COMM	35	27.914	9.314	9.857	15.714	8.314	7.486	5.029	2.086	3.371	4.143	6.971
121	RETAIL (NEC)	7	14.714	5.714	6.714	12.714	5.286	5.857	4.143	2.429	3.286	4.286	5.286
122	TRANSPORTATION (NEC)	5	21.000	12.800	12.600	17.000	6.600	7.800	7.000	2.200	5.000	6.600	8.800
123	REAL ESTATE (NEC)	2	23.000	12.000	4.000	6.000	0.0	9.500	7.500	2.500	5.000	7.000	6.500
124	INSURANCE (NEC)	13	27.615	9.154	8.077	15.000	5.231	6.385	5.615	2.308	3.231	4.077	6.769
125	ELECTRONICS (NEC)	3	33.667	11.667	9.333	14.333	7.333	8.000	6.333	2.000	4.667	5.667	6.667
140	"WRK WTH PEOPLE" (NEC)	8	19.375	9.250	11.500	19.500	10.875	6.875	6.250	2.625	3.000	4.625	5.125
141	"WRK WITH CHILDR" (NEC)	14	25.786	14.214	14.429	20.857	15.000	6.214	5.286	1.714	2.786	4.500	5.143
150	RESEARCH	6	14.167	14.667	9.833	19.333	5.667	7.667	6.167	2.000	4.500	5.000	6.667
211	MATH, STAT	8	21.375	12.375	7.750	17.500	6.625	5.375	5.125	1.750	3.625	5.250	5.000
212	OTHER STATISTICS	5	16.600	10.600	9.000	10.800	6.400	4.600	6.400	1.600	2.600	5.000	7.600
221	SYSTEMS ANALYST	8	16.625	11.625	6.875	12.250	5.125	7.875	6.375	2.000	4.500	5.625	6.625
222	COMPUTER PROGRAMMER	45	22.644	11.022	8.467	14.933	6.289	7.089	5.800	2.111	4.067	6.444	6.889
229	COMPUTER SPEC (NEC)	7	13.571	14.286	9.429	16.286	7.000	6.429	4.571	2.429	4.000	5.714	5.571
231	CHEMIST	25	14.120	12.800	6.560	14.480	5.840	5.160	5.600	2.240	3.160	6.360	7.120
234	GEOLOGIST	2	9.500	13.500	5.500	23.500	14.500	11.000	4.500	7.000	4.500	3.500	3.000
241	CIVIL ENGINEER	2	17.000	18.500	13.000	16.500	11.000	6.000	7.000	2.000	2.000	4.500	8.500
245	CHEM ENGINEER	2	10.000	19.000	6.000	21.500	3.000	4.000	4.000	4.000	3.000	4.000	4.500
299	PHYS SCI, LAB TECH	23	15.261	13.174	7.739	12.652	7.348	6.087	4.609	2.478	3.261	4.957	5.696
310	BIOLOGIST, ZOOLOGIST	14	6.714	11.071	7.071	16.500	6.286	6.429	4.714	2.643	3.571	5.071	5.143
314	WLDLF/FOREST SPEC	2	11.500	23.000	12.000	26.000	8.500	3.000	3.500	3.500	1.000	4.500	2.000
315	PHARMACOLOGIST	2	13.500	20.500	8.000	25.000	11.500	6.000	5.500	1.500	6.000	6.500	8.000
316	MICROBIOLOGIST	15	16.333	16.133	11.333	17.867	9.600	5.600	5.067	1.933	4.000	5.933	7.933
317	BIOCHEMIST	7	13.714	12.714	5.429	17.429	5.714	5.000	6.143	2.286	4.714	5.429	4.714
319	OTHER CHEM SCI	8	11.625	15.625	9.500	20.500	10.625	6.625	6.500	2.375	3.250	6.750	7.500
329	MD-OTHER	19	9.895	11.421	6.316	19.263	5.737	6.526	6.842	2.211	5.263	7.053	7.105
333	VETERINARIAN	4	6.750	16.250	10.750	33.250	10.500	4.250	5.250	2.250	5.500	5.500	5.250
335	PHARMACIST	16	15.188	9.688	7.125	14.188	4.125	7.125	5.750	1.625	3.563	5.875	7.500
337	RN	703	17.715	10.440	9.144	16.710	8.034	7.432	5.982	2.006	4.381	5.660	6.957
341	DENTAL HYGIENIST	28	19.143	9.179	7.929	14.964	6.607	7.750	6.143	2.321	4.214	5.714	7.607
343	PHYS THERAPIST	16	16.375	8.563	7.000	16.563	7.500	8.063	6.250	2.313	5.563	6.313	7.438
344	OCCUP THERAPIST	13	18.692	14.538	13.077	16.923	8.462	7.462	5.154	2.769	3.923	5.923	6.462
346	SPEC THERAPIST (MISC)	19	16.947	9.000	7.895	15.684	5.526	8.632	5.526	3.211	4.842	5.579	7.158
347	MED/DENT TECHNOL	101	18.802	12.198	8.832	15.267	6.772	6.960	6.030	2.158	3.980	5.505	7.535
348	MED/DENT TECHNICIAN	134	21.284	10.052	8.709	15.933	6.963	6.918	5.940	1.866	3.776	5.157	6.843
360	PSYCHOLOGIST	37	12.054	7.811	5.973	13.595	4.919	6.459	6.514	2.432	3.541	5.459	6.730
369	PSYCH RES ASST	2	13.500	13.500	12.500	24.000	7.500	10.500	7.500	3.000	6.000	7.500	6.500
370	SOCIAL WORKER	190	17.726	9.153	8.242	15.189	6.737	7.042	6.079	2.158	3.905	5.563	6.568
371	PSYCHIATRIC SOC WRKR	18	12.278	7.444	6.056	17.944	4.944	7.500	7.222	2.333	4.000	5.667	6.611
372	COUNSELING/GUIDANCE	16	15.688	9.125	8.938	16.375	5.813	6.688	5.875	2.438	4.563	5.125	6.438
373	VOC/ED GUIDANCE	32	18.594	8.906	7.438	16.500	7.281	7.688	6.313	2.406	3.875	5.813	6.219
382	ECONOMIST	4	15.000	14.250	8.000	11.750	3.500	5.750	5.750	4.750	4.000	6.500	5.500
383	SOCIOLOGIST	2	8.500	3.000	3.500	9.500	3.500	5.500	8.000	4.500	2.500	7.500	8.000
384	ANTHROPOLOGIST	5	7.800	10.200	4.000	26.600	2.800	5.800	5.800	2.800	5.000	6.000	5.600
389	SOCIAL SCI (MISC)	7	10.857	5.714	5.000	10.714	4.857	6.714	5.143	3.429	3.571	4.571	5.857
391	POLITICIAN	2	13.000	6.500	8.000	10.500	6.000	11.500	5.000	1.000	4.500	5.000	5.000
392	DIPLOMAT	8	11.875	10.875	8.000	19.500	8.500	6.250	6.000	3.125	4.875	5.625	4.250
393	LAWYER	13	12.154	6.308	4.769	14.846	4.154	7.615	6.538	2.231	4.692	5.846	6.538
397	PUBLIC ADM (NEC)	2	15.000	7.000	3.500	8.500	4.500	11.000	6.000	3.000	5.000	7.000	5.000
400	TEACHER (NEC)	1104	19.682	9.141	8.703	15.927	7.394	7.326	5.935	2.212	4.147	5.479	6.893
410	TCHNG YNG CHILDR	7	13.143	7.143	4.286	11.429	4.143	7.857	6.714	2.714	3.714	5.571	6.429
411	TCHNG PRESCH CHILDR	37	15.838	8.459	7.811	17.027	6.730	7.108	5.811	2.162	4.027	5.351	6.703
412	TEACHER-ELEM	752	20.868	8.879	8.928	15.807	7.856	7.371	5.964	1.943	4.045	5.469	6.927
420	TEACHER-HS (NEC)	89	20.112	10.213	8.483	17.090	7.461	7.258	6.034	2.337	3.775	5.517	6.461
421	TEACHER-HS MATH	62	21.871	12.274	8.823	15.065	7.194	7.129	5.629	2.113	4.419	5.645	7.306
422	TEACHER-HS SCI	41	17.610	13.390	8.927	18.561	6.463	7.220	5.854	1.951	4.000	5.366	6.098
423	TEACHER-HS SOC ST	68	16.029	8.574	7.647	15.603	7.029	7.515	6.574	3.176	4.574	5.765	5.926
424	TEACHER-ENGLISH	150	17.513	8.607	7.847	15.073	7.007	6.893	6.087	2.653	4.133	4.900	5.873
425	TEACHER-FOREIGN LANG	58	18.121	9.828	9.293	16.207	8.000	7.103	6.069	2.138	3.879	6.121	7.138
426	TEACHER-COMM ED	50	31.320	9.400	9.560	14.140	7.500	7.800	5.760	1.680	4.000	4.740	6.960
427	TEACHER-HS HOME EC	63	23.190	9.333	10.540	15.905	8.587	7.238	5.603	1.952	4.698	5.984	7.159
428	TEACHER-TRADES	2	32.000	9.000	11.500	20.000	2.500	6.500	5.000	1.000	6.000	5.000	5.500
429	TEACHER-PHYS ED	44	18.273	10.273	9.614	18.068	8.091	8.318	5.818	2.182	5.841	5.250	6.386
431	TEACHER-ART	51	13.784	7.765	9.431	16.157	6.020	6.706	5.745	2.118	3.922	5.588	6.882
432	TEACHER-MUSIC	58	20.897	8.552	8.983	15.259	7.776	7.828	6.017	2.138	4.586	5.586	7.069
433	TEACHER-SPEECH	4	12.000	9.000	7.750	19.000	4.750	9.500	6.500	4.000	6.500	5.250	4.750
440	TEACHER-HANDICAPPED	60	19.417	9.567	9.133	16.417	7.933	6.800	6.083	2.183	3.883	5.600	6.667
441	SPEECH THERAPIST	40	16.300	8.025	7.175	11.550	6.125	8.375	6.375	2.200	4.200	5.150	6.625
450	SCH ADM (EXC COLL)	9	17.111	10.556	7.889	17.444	6.000	7.222	5.778	1.667	5.444	5.667	6.222
460	COLL/UNIV TCHR (NEC)	90	16.733	11.744	9.256	16.556	7.500	6.822	6.122	2.422	4.122	5.756	6.267
461	COLL/UNIV TCHR-MATH	8	16.500	7.500	4.500	12.500	3.250	4.375	5.250	1.625	3.750	5.000	5.500
462	COLL/UNIV TCHR-SCI	20	11.750	12.300	6.600	15.100	5.200	4.900	4.850	2.150	3.800	4.850	6.200
463	COLL/UNIV TCHR-SOC SCI	25	14.120	9.120	6.440	17.280	5.200	5.560	6.040	2.240	3.640	6.200	5.600
464	COLL/UNIV TCHR-ENGLISH	49	12.918	9.122	6.796	14.020	4.878	6.082	6.449	2.755	3.449	5.694	5.020
465	COLL/UNIV TCHR-FOR LANG	21	12.571	10.048	9.429	16.667	7.619	6.571	6.524	2.524	4.286	4.762	5.762
470	COLL/UNIV TCHR-ADM	2	16.500	5.000	7.500	11.500	5.500	6.000	5.500	0.500	3.500	4.000	7.000
511	LIBRARIAN	54	18.889	10.667	9.630	15.370	7.926	6.352	6.000	1.963	3.907	5.259	7.259
521	CLERGYMAN	8	23.500	8.500	10.125	15.125	11.125	7.875	6.000	1.625	3.500	6.500	6.125
522	MONK, BROTHER, NUN	46	16.891	11.609	9.239	16.848	7.848	6.565	6.043	1.609	4.130	5.630	6.609
523	RELIG WRKR (OTHER)	36	19.889	8.861	9.944	20.111	10.333	6.250	5.806	2.056	4.139	5.139	5.611
531	WRITER (NEC)	31	17.194	9.903	10.645	17.677	9.419	5.645	5.806	2.613	3.355	5.097	5.645
532	FICTION WRITER	3	9.000	20.333	17.000	24.333	9.667	5.000	5.000	2.333	5.667	4.667	2.667
533	NONFIC WRTR (EXC JRNLST)	5	12.000	12.800	7.400	17.600	8.000	8.800	7.600	2.200	4.400	6.600	7.800

TABLE 1.4 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INTEREST INVENTORY (CONTD.)					STUDENT ACTIVITIES INVENTORY					
			OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES	FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS
			P-713	P-714	P-715	P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606
000	NO ANSWER	1639	10.118	6.520	5.641	9.411	5.957	2.920	2.243	1.727	2.171	2.510	2.692
001	DON'T KNOW	262	10.713	6.793	5.991	9.437	5.992	3.076	2.255	1.796	2.281	2.650	2.884
010	HOUSEWIFE	4695	9.770	6.341	5.445	9.349	6.020	2.890	2.229	1.679	2.201	2.596	2.721
020	NO SPEC INCOME JOB	14	10.067	7.184	7.559	9.088	7.731	2.673	2.840	1.748	2.312	2.759	2.405
101	EXECUTIVE (NEC)	2	6.364	2.828	3.536	9.192	0.0	3.536	1.414	0.707	1.414	0.0	2.828
102	FOREMAN (NEC)	3	4.583	5.033	4.041	13.077	8.327	3.055	1.732	2.887	3.786	2.309	1.528
111	WORK FOR GOVT (NEC)	30	9.204	7.339	6.794	9.940	5.993	2.614	2.537	1.882	2.371	2.556	2.731
112	IN BUS FOR SELF (NEC)	19	10.884	6.039	5.213	8.925	5.693	3.343	1.765	1.944	2.382	2.713	2.272
120	IND, BUS, COMM	35	9.121	6.062	5.699	8.710	6.072	3.109	2.407	1.755	2.237	2.591	2.875
121	RETAIL (NEC)	7	8.789	2.870	2.752	10.128	4.680	4.018	3.237	1.397	2.215	2.870	2.360
122	TRANSPORTATION (NEC)	5	7.314	12.911	9.607	12.247	5.030	2.950	0.0	2.280	1.581	0.894	1.924
123	REAL ESTATE (NEC)	2	4.243	4.243	0.0	7.071	0.0	2.121	2.121	0.707	2.828	2.828	2.121
124	INSURANCE (NEC)	13	7.467	5.444	3.252	7.292	3.295	3.042	2.329	2.175	2.522	2.660	1.589
125	ELECTRONICS (NEC)	3	3.055	7.572	4.163	8.387	6.028	1.000	2.082	1.000	1.155	3.055	1.155
140	"WRK WTH PEOPLE" (NEC)	8	9.970	6.756	6.698	11.301	10.148	3.314	2.121	2.134	1.604	1.695	3.271
141	"WRK WITH CHILDR" (NEC)	14	9.768	6.963	5.919	8.708	8.086	3.468	3.049	1.637	2.517	2.902	3.416
150	RESEARCH	6	7.705	6.154	4.792	11.448	4.676	3.011	2.137	1.673	2.429	2.530	2.160
211	MATH, STAT	8	8.831	7.210	5.445	12.513	4.307	3.462	2.167	2.121	2.925	2.550	2.619
212	OTHER STATISTICS	5	14.433	5.727	7.280	9.884	9.397	3.435	1.673	1.673	2.408	2.739	1.949
221	SYSTEMS ANALYST	8	10.281	4.596	3.399	5.471	2.232	3.314	2.066	1.195	1.604	2.615	2.925
222	COMPUTER PROGRAMMER	45	8.605	7.288	7.025	9.827	6.265	3.118	2.322	2.145	2.387	2.825	3.284
229	COMPUTER SPEC (NEC)	7	8.677	8.883	6.828	8.558	6.976	2.992	2.573	1.718	3.162	2.059	3.101
231	CHEMIST	25	8.438	5.041	3.630	9.760	4.288	3.037	2.255	1.332	2.427	2.827	3.018
234	GEOLOGIST	2	2.121	6.364	2.121	0.707	0.707	0.0	3.536	1.414	2.121	3.536	4.243
241	CIVIL ENGINEER	2	4.243	2.121	0.0	3.536	0.0	0.0	1.414	0.0	2.828	3.536	3.536
245	CHEM ENGINEER	2	8.485	12.728	4.243	17.678	0.0	5.657	5.657	0.0	4.243	5.657	2.121
299	PHYS SCI, LAB TECH	23	8.708	6.978	5.429	8.700	6.506	3.014	2.407	2.192	2.301	2.654	3.336
310	BIOLOGIST, ZOOLOGIST	14	5.455	4.906	4.938	10.128	5.105	3.031	2.785	1.946	2.409	2.921	2.825
314	WLDLF/FOREST SPEC	2	7.778	2.828	5.657	11.314	2.121	4.243	4.950	4.950	0.0	6.364	1.414
315	PHARMACOLOGIST	2	14.849	6.364	2.828	1.414	6.364	2.828	0.707	0.707	0.0	2.121	0.0
316	MICROBIOLOGIST	15	11.812	6.988	7.743	9.561	7.089	3.159	2.631	1.668	2.268	3.150	2.086
317	BIOCHEMIST	7	10.259	5.057	3.780	9.624	4.608	3.559	1.574	2.059	2.360	1.902	3.039
319	OTHER CHEM SCI	8	12.223	9.606	11.650	10.556	11.856	4.627	2.673	1.923	2.659	2.493	2.000
329	MD-OTHER	19	7.490	6.826	4.831	11.628	4.653	3.438	1.642	1.873	1.593	1.810	2.183
333	VETERINARIAN	4	9.430	10.935	10.844	7.274	6.856	3.968	2.217	2.630	1.732	2.390	2.217
335	PHARMACIST	16	8.712	4.316	4.470	10.840	4.617	3.793	2.490	1.784	2.128	2.705	2.966
337	RN	703	9.816	5.853	5.352	9.694	5.686	2.869	2.153	1.688	2.163	2.564	2.750
341	DENTAL HYGIENIST	28	11.784	6.794	4.784	8.926	4.349	2.797	2.321	1.442	2.234	2.242	2.347
343	PHYS THERAPIST	15	10.651	4.273	4.761	11.260	6.218	2.175	2.864	1.922	1.632	2.152	2.874
344	OCCUP THERAPIST	13	8.280	7.241	7.994	8.129	5.285	2.817	2.193	2.242	2.290	2.900	3.230
346	SPEC THERAPIST (MISC)	19	7.192	4.372	4.122	7.804	4.718	2.166	2.894	2.507	2.243	2.714	2.713
347	MED/DENT TECHNOL	101	8.811	5.790	5.231	8.642	5.530	2.905	2.095	1.821	2.126	2.633	2.759
348	MED/DENT TECHNICIAN	134	10.070	6.510	5.629	10.387	5.605	3.051	2.069	1.501	2.147	2.486	2.601
360	PSYCHOLOGIST	37	7.856	6.662	4.475	7.607	4.058	2.745	1.835	2.089	2.468	2.534	2.376
369	PSYCH RES ASST	2	3.536	6.364	0.707	7.071	2.121	2.121	2.121	2.828	0.0	2.121	6.364
370	SOCIAL WORKER	190	9.865	6.801	5.420	9.143	5.353	2.906	2.352	1.711	2.228	2.585	2.788
371	PSYCHIATRIC SOC WRKR	18	9.149	4.273	3.152	8.142	3.539	2.956	1.927	1.455	2.449	2.473	2.429
372	COUNSELING/GUIDANCE	15	11.487	6.975	7.215	7.473	5.369	2.358	2.335	1.896	1.825	3.364	2.159
373	VOC/ED GUIDANCE	32	9.384	5.114	4.899	9.207	4.467	2.729	1.942	1.965	1.996	2.191	3.480
382	ECONOMIST	4	8.287	7.762	6.377	8.221	3.000	4.573	1.893	2.872	2.160	2.646	3.109
383	SOCIOLOGIST	2	12.021	2.828	0.707	13.435	0.707	0.707	0.0	4.950	0.707	0.707	1.414
384	ANTHROPOLOGIST	5	7.563	8.319	2.345	9.965	2.588	2.864	2.588	1.483	2.345	2.550	3.362
389	SOCIAL SCI (MISC)	7	8.745	4.112	3.697	7.410	4.598	3.200	2.410	2.149	2.225	2.637	3.338
391	POLITICIAN	2	5.657	3.536	4.243	9.192	0.0	0.707	5.657	1.414	3.536	2.828	1.414
392	DIPLOMAT	8	9.342	7.846	7.368	12.660	5.952	3.955	2.878	2.357	2.031	2.722	3.151
393	LAWYER	13	10.007	5.122	3.244	9.668	4.140	3.429	2.259	1.739	2.250	2.853	2.332
397	PUBLIC ADM (NEC)	2	11.314	0.0	0.707	2.121	0.707	0.0	0.0	2.828	0.0	0.0	4.243
400	TEACHER (NEC)	1194	10.121	5.991	5.407	10.036	5.744	2.847	2.173	1.830	2.191	2.569	2.828
410	TCHNG YNG CHILDR	7	9.118	3.716	2.563	7.020	2.673	2.193	2.215	2.928	2.360	1.988	3.505
411	TCHNG PRESCH CHILDR	37	9.474	6.336	4.754	9.362	4.759	2.846	2.025	1.659	2.315	2.429	2.757
412	TEACHER-ELEM	752	10.074	6.122	5.458	9.553	5.974	2.874	2.193	1.607	2.183	2.606	2.791
420	TEACHER-HS (NEC)	89	10.380	6.466	5.564	10.000	5.527	2.886	2.129	2.078	2.334	2.625	3.166
421	TEACHER-HS MATH	62	9.872	7.488	6.472	9.102	5.969	3.016	2.543	1.700	2.379	2.625	2.878
422	TEACHER-HS SCI	41	10.502	7.412	6.846	9.752	6.013	3.094	2.151	1.702	2.121	2.596	2.862
423	TEACHER-HS SOC ST	68	8.462	5.684	4.495	9.906	5.364	2.789	2.221	2.350	2.068	2.492	2.825
424	TEACHER-ENGLISH	150	9.052	5.939	5.019	9.098	5.436	2.805	2.033	2.020	2.246	2.716	2.864
425	TEACHER-FOREIGN LANG	58	9.746	5.918	5.672	9.731	5.974	3.099	2.215	1.732	2.035	2.507	2.850
426	TEACHER-COMM ED	50	6.678	6.465	5.679	8.713	5.441	2.928	2.086	1.558	2.010	2.791	2.777
427	TEACHER-HS HOME EC	63	9.332	6.538	5.696	9.430	6.195	2.961	2.290	1.361	2.076	2.181	2.522
428	TEACHER-TRADES	2	1.414	11.314	7.778	28.284	3.536	0.707	0.0	1.414	1.414	1.414	0.707
429	TEACHER-PHYS ED	44	8.764	7.660	5.820	10.395	7.142	2.494	2.345	1.451	1.413	2.729	2.855
431	TEACHER-ART	51	10.828	5.666	5.787	9.382	4.514	3.264	2.018	1.785	2.305	2.617	2.688
432	TEACHER-MUSIC	58	9.542	6.134	5.114	9.312	5.292	2.968	2.073	1.742	2.217	2.457	2.985
433	TEACHER-SPEECH	4	14.024	7.789	7.762	15.384	5.123	0.577	2.646	1.826	0.577	3.304	4.113
440	TEACHER-HANDICAPPED	60	9.668	7.067	5.905	9.385	6.200	3.058	2.431	1.702	2.124	2.713	3.198
441	SPEECH THERAPIST	40	9.783	6.091	4.997	8.776	5.321	3.036	2.467	2.028	2.163	2.627	2.826
450	SCH ADM (EXC COLL)	9	9.727	3.539	4.755	5.411	4.183	3.193	2.108	1.225	2.297	3.464	2.906
460	COLL/UNIV TCHR (NEC)	90	10.804	6.793	5.901	9.550	5.845	2.831	2.672	1.792	2.223	2.437	2.937
461	COLL/UNIV TCHR-MATH	8	10.029	6.887	3.071	8.246	3.196	2.825	2.375	1.408	2.252	3.024	2.449
462	COLL/UNIV TCHR-SCI	20	10.886	7.888	5.576	9.689	3.995	3.386	3.014	2.254	2.587	2.739	3.694
463	COLL/UNIV TCHR-SOC SCI	25	6.540	5.703	4.454	8.639	4.340	3.056	2.731	1.855	2.119	2.566	2.972
464	COLL/UNIV TCHR-ENGLISH	49	9.960	6.858	5.489	9.625	4.470	3.265	1.990	2.156	2.209	2.460	2.854
465	COLL/UNIV TCHR-FOR LANG	21	9.185	9.902	7.782	11.416	7.972	2.959	1.632	2.600	2.125	2.809	2.914
470	COLL/UNIV TCHR-ADM	2	3.536	2.828	2.121	2.121	3.536	2.828	3.536	0.707	2.121	2.828	1.414
511	LIBRARIAN	54	9.847	6.131	5.737	9.700	6.255	3.263	2.009	1.748	2.040	2.497	2.954
521	CLERGYMAN	8	12.375	9.181	7.549	15.142	7.717	2.748	1.512	0.744	2.330	2.507	2.295
522	MONK, BROTHER, NUN	46	9.433	8.155	6.461	9.852	6.250	2.697	2.129	1.483	2.125	3.006	3.269
523	RELIG WRKR (OTHER)	36	12.653	7.239	7.775	10.854	7.968	2.822	1.997	1.866	2.356	2.392	2.911
531	WRITER (NEC)	31	11.540	8.859	8.424	11.176	7.966	3.342	2.227	1.927	2.497	2.712	2.939
532	FICTION WRITER	3	5.568	1.155	6.245	1.528	4.933	3.606	1.000	2.517	2.309	0.577	2.082
533	NONFIC WRTR (EXC JRNLST)	5	7.778	6.340	5.177	11.149	4.000	1.643	0.894	1.483	2.608	2.510	2.168

TABLE 1.4 (continued)

#	GROUP	N	MEANS										
			INTEREST INVENTORY (CONTD.)					STUDENT ACTIVITIES INVENTORY					
			OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES	FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS
			P-713	P-714	P-715	P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606
534	JRNLST/RPRTER	20	19.450	7.000	6.700	12.300	5.750	6.800	6.500	2.900	4.500	6.450	6.900
536	PUBLISHER, ETC.	5	14.600	10.000	8.400	16.800	6.600	9.000	6.800	4.800	5.600	4.400	7.200
537	EDITOR	8	13.625	11.625	6.500	13.000	4.125	6.875	6.625	4.000	4.000	3.750	6.375
539	TRNSLTR, INTRPRTR, LINGST	9	17.111	13.444	9.444	14.778	7.444	5.556	4.556	1.111	2.778	5.333	6.889
541	FINE ARTS	31	13.484	9.645	8.452	17.903	6.355	5.645	6.032	2.839	4.032	5.129	6.452
545	COMM ARTIST	41	17.659	9.780	10.415	21.122	7.341	6.585	5.732	2.268	3.976	4.805	5.951
547	DESIGNER (CONS GDS)	5	15.000	14.600	13.400	16.000	10.200	4.600	5.200	2.800	3.200	5.000	4.800
551	MUSICIAN	11	17.182	6.818	6.818	18.636	5.364	5.909	5.455	1.818	3.818	4.455	5.636
552	SINGER	5	22.000	7.200	5.800	9.600	3.800	8.200	6.200	1.000	5.400	5.400	8.600
559	MUSIC-REL (MISC)	9	13.889	12.889	6.444	18.667	6.111	7.000	5.333	2.000	4.000	5.333	5.222
560	DANCER, CHOREOG	14	23.429	7.643	7.500	14.500	6.857	7.071	5.643	1.929	5.429	5.000	6.857
571	ACTOR	6	14.333	5.667	6.667	14.833	7.333	7.333	6.333	2.000	5.167	6.333	5.500
575	THEATRE ((OTHER)	14	9.643	6.286	6.143	19.143	4.500	5.357	6.429	3.429	5.429	6.714	7.857
579	MISC PERF ARTS	3	14.667	7.667	6.667	18.667	3.667	7.667	6.667	3.333	5.667	6.000	7.667
581	MODEL	4	21.250	5.750	7.500	8.500	10.000	6.000	6.750	1.500	5.500	6.500	8.250
621	RECREATION DIR	12	13.667	10.583	8.500	20.167	5.833	7.667	4.833	2.833	4.917	5.667	6.000
622	CMPNG, SCTNG, PRK GD	3	5.000	6.000	5.667	15.667	4.000	6.000	7.000	2.000	6.000	5.333	5.000
639	FARMING (OTHER)	6	19.167	15.833	15.000	29.333	12.833	8.000	5.000	4.000	5.833	5.000	7.500
711A	BANKING & FINANCE, I	30	30.533	10.433	9.833	15.633	8.100	7.333	6.000	1.433	3.433	4.900	6.500
711B	BANKING & FINANCE, II	4	23.250	10.750	10.000	16.500	6.000	7.500	5.750	3.250	3.500	4.750	8.250
712	INVSTMNT, STOCK CONSULT	2	23.500	3.500	4.500	12.000	1.500	8.500	6.500	1.500	4.000	4.000	9.500
716	CPA	25	29.000	9.960	8.160	13.960	6.720	7.640	6.120	2.360	4.600	5.760	6.120
717	ACCTANT (EXC CPA)	50	25.260	8.100	7.160	13.660	6.040	6.740	5.460	1.580	3.620	4.420	6.600
721	PURCHASING AGENT	4	23.000	8.000	7.000	20.500	4.250	7.000	5.250	1.000	5.000	3.500	7.000
722	RETAIL BUYER	24	22.417	8.167	7.750	11.083	7.042	7.000	5.333	2.000	3.917	5.417	8.083
724	ADVERTISING	32	18.433	8.469	8.125	16.031	5.844	7.469	5.844	2.594	3.844	5.719	6.750
725	PUBLIC RELATIONS	15	20.125	9.750	8.000	15.875	6.000	7.750	6.313	3.125	5.125	6.250	7.688
726	PERSONNEL ADMIN	25	20.480	9.640	7.120	14.240	5.640	6.960	6.320	2.200	4.320	5.640	6.520
727	APPRAISING, ESTIMATING	13	23.692	4.385	5.385	12.692	5.154	7.769	5.923	2.231	2.692	4.077	7.154
728	LOAN/CREDIT INVESTIG	11	24.273	15.000	12.818	16.545	9.455	6.273	5.273	2.545	3.091	4.273	6.273
730	BUS MGMT ADM (NEC)	19	25.737	8.368	10.105	13.474	7.158	7.474	6.000	2.579	3.684	4.947	6.895
732	WHSL/RET TRADE MGMT/MKTG	12	18.833	11.533	10.583	13.083	7.417	6.667	5.667	2.917	4.167	6.250	6.333
738	SUPERVISOR IN BUS	8	26.250	10.750	8.500	19.750	7.500	6.750	5.250	2.000	3.625	6.500	8.000
741	SALESCLERK	34	27.529	7.176	9.206	10.676	8.353	7.088	5.324	2.000	3.647	4.353	6.676
743	STOCKBROKER	4	8.250	4.750	4.000	7.250	5.250	8.500	5.250	2.500	4.000	6.250	6.750
745	REAL ESTATE SLSMAN	6	18.833	7.667	8.333	21.667	8.833	7.000	8.333	3.167	3.833	6.500	6.667
746	INSURANCE SLSMAN	5	20.800	7.200	6.600	14.000	4.000	7.800	7.000	2.800	3.800	5.800	7.800
748	OTHER SLSMAN (NEC)	12	24.692	7.846	8.385	10.923	7.538	8.923	5.769	1.846	4.692	5.308	7.385
749	SALES MGR	2	9.000	6.500	4.500	11.500	6.000	8.500	6.000	2.500	5.000	6.000	6.500
751	BOOKKEEPER	131	28.656	8.855	8.794	13.702	7.519	7.160	5.542	1.901	3.687	5.168	6.458
752	TELLER OR BANK CLRK	37	28.108	8.324	8.919	13.649	7.162	7.649	5.135	1.973	4.054	4.486	6.676
753	CASHIER	17	31.235	8.647	9.824	15.588	7.882	7.412	5.765	1.588	3.353	4.588	7.294
755	MISC ACCT RECDG	64	27.594	9.266	8.938	16.313	8.266	7.734	5.750	2.375	3.844	5.047	7.172
756	KEYPUNCH OP	93	29.024	7.566	8.771	14.145	8.036	6.940	5.253	2.096	3.506	4.349	6.494
757	KEYPUNCH INSTRUC	4	33.000	7.000	8.500	9.500	9.250	6.250	4.750	1.500	3.000	6.500	7.250
758	COMPUTER OP	65	26.031	7.077	8.231	13.015	7.385	7.215	5.415	1.846	3.554	4.769	6.938
761	SECRETARY (NEC)	997	28.939	8.411	8.579	13.756	7.206	7.486	5.794	2.067	3.748	5.105	7.204
762	SECRETARY-BOOKKEEPER	23	30.522	6.870	6.391	10.652	6.478	7.130	5.957	2.522	3.652	5.565	7.304
763	MED/DENT SECRETARY	47	26.681	9.553	8.574	13.830	8.106	7.617	6.043	1.787	3.617	5.085	7.128
764	LEGAL SECRETARY	41	29.311	9.672	9.180	13.393	7.246	7.934	6.180	1.902	3.918	5.508	7.426
765	STENO, CRT RPRTR	59	30.377	8.594	9.058	14.957	7.362	7.565	5.913	2.145	3.667	5.290	6.652
766	TYPIST, CLERK TYPIST	133	28.670	8.689	8.709	11.155	7.621	6.961	5.388	1.951	3.427	4.796	6.757
768	PROOFREADER	2	32.500	15.000	11.500	16.000	11.000	3.500	3.500	1.500	0.500	3.000	6.500
769	CLERK (MISC)	137	29.606	9.927	9.569	13.788	8.161	6.978	5.394	1.949	3.219	4.927	6.562
771	OFFICE SUPERVISOR	14	28.214	7.786	9.000	14.143	7.143	7.357	5.857	1.929	3.571	5.643	6.857
772	OFFICE MGR	5	27.800	7.200	8.000	12.600	6.400	6.200	4.200	1.800	2.200	5.800	7.000
781	PHONE, PBX OP	45	26.622	8.844	9.489	12.933	8.333	7.467	5.467	1.867	3.622	4.556	6.356
789	OTHER "PUB CONT" OCCS	58	24.207	8.759	8.776	15.276	7.862	7.086	6.155	2.034	3.707	5.069	6.914
791	RADIO, TELEGR, TTY OP	4	27.500	9.250	11.750	23.000	9.000	6.500	5.000	1.250	3.000	4.250	3.750
797	MISC CLERICAL	12	27.500	9.583	10.250	13.667	8.583	7.000	5.250	2.167	3.250	5.333	6.250
798	MISC ADMINISTRATIVE	17	23.882	9.412	7.588	14.588	5.412	7.353	6.412	2.235	4.176	6.059	6.412
833	METAL TRADES	2	30.500	7.500	12.000	10.000	9.500	5.500	4.500	0.500	3.000	4.000	7.500
861	PRINTING TRADES	6	25.833	7.667	7.500	9.333	5.000	9.000	5.833	2.667	5.167	6.333	8.667
864	DRAFTSMAN	4	13.750	10.750	6.000	10.750	5.250	7.500	5.750	4.250	4.000	3.750	5.250
865	PHOTOGRAPHY	4	12.500	11.250	7.000	27.000	5.750	6.000	5.250	3.250	4.750	4.750	4.750
866	INTERIOR DECORATOR	21	17.952	10.524	9.667	18.143	6.714	8.238	6.095	2.810	4.810	5.095	6.667
867	LANDSCAPE ARCHIT	2	8.000	25.500	15.500	15.500	7.000	3.500	4.500	2.000	6.500	4.000	8.500
868	CLTHNG & FASH TRADES	50	24.080	9.460	10.560	15.020	9.100	6.260	5.120	1.800	3.200	4.340	6.200
871	DIETITIAN	22	16.591	8.227	8.182	17.591	6.409	7.727	6.455	1.864	4.409	5.727	8.545
872	HOME ECONOMIST	30	20.567	10.133	10.000	18.200	7.500	8.300	6.567	2.000	4.633	5.967	7.400
873	AIRLN STEWRD, STEWRDESS	13	17.769	6.769	8.462	16.154	5.538	8.692	6.692	1.923	4.000	5.308	7.462
881	FOOD & BEVERAGE PREP	5	12.600	9.800	13.000	13.200	11.400	4.000	4.000	1.400	4.200	4.800	5.000
891	MISC PERSONAL SERV	28	23.500	7.571	7.679	13.500	7.536	6.071	5.786	2.393	2.893	3.786	5.893
893	HAIRDRESSER	196	23.694	8.526	10.031	13.582	8.158	7.571	5.541	1.776	3.724	4.923	6.663
894	PRACTICAL NURSE	118	21.119	10.483	9.890	15.737	8.737	7.059	5.441	2.068	3.653	4.703	6.212
895	NURSES' AIDE	23	21.000	10.870	9.348	20.565	8.957	6.609	5.913	2.087	3.783	5.261	6.304
896	DOMESTIC SERVICE	4	22.500	7.000	9.000	20.250	9.250	6.500	7.000	2.000	3.500	4.750	4.500
899	GENERAL LABORER	76	28.171	10.434	11.487	14.092	10.750	6.513	4.961	1.829	3.263	4.263	6.368
	TOTAL	14703	23.468	9.093	8.903	14.980	7.701	7.228	5.736	2.099	3.843	5.142	6.744

TABLE 1.4 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			INTEREST INVENTORY (CONTD.)					STUDENT ACTIVITIES INVENTORY					
			OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES	FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS
			P-713	P-714	P-715	P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606
534	JRNLST/RPRTER	20	11.696	5.231	4.219	7.190	4.011	2.764	2.351	2.174	2.164	2.564	3.275
536	PUBLISHER, ETC.	5	8.081	7.416	6.804	13.274	6.427	1.871	1.924	1.095	1.140	3.050	1.095
537	EDITOR	8	11.710	6.232	3.338	6.392	3.834	2.475	1.302	2.070	1.512	2.435	3.962
539	TRNSLTR, INTRPRTR, LINGST	9	11.494	8.633	6.876	11.627	5.434	4.216	2.651	1.764	2.438	2.828	3.180
541	FINE ARTS	31	10.532	6.873	5.078	10.008	5.017	3.061	2.401	1.881	2.373	2.680	2.779
545	COMM ARTIST	41	10.554	7.568	7.273	9.185	6.343	2.975	2.191	2.098	2.318	2.685	2.819
547	DESIGNER (CONS GDS)	5	3.808	9.965	10.691	8.972	6.723	0.894	2.168	1.095	1.789	1.000	2.049
551	MUSICIAN	11	9.325	6.431	4.792	11.272	4.178	3.330	2.382	2.272	2.316	3.142	2.618
552	SINGER	5	6.856	6.573	2.387	5.505	2.950	2.775	2.683	1.732	3.050	3.050	1.949
559	MUSIC-REL (MISC)	9	12.840	6.716	3.609	11.435	4.314	2.550	2.000	2.179	2.291	2.000	2.774
560	DANCER, CHOREOG	14	13.183	5.344	4.381	9.866	5.545	3.125	2.499	1.328	1.016	2.801	2.538
571	ACTOR	6	9.416	7.633	7.633	5.913	7.174	1.633	2.733	1.673	2.714	3.077	3.886
575	THEATRE ((OTHER)	14	6.902	5.341	5.067	10.582	3.838	3.249	2.344	2.174	1.697	2.128	2.656
579	MISC PERF ARTS	3	4.041	6.110	4.509	15.503	3.512	1.155	3.215	1.528	2.309	4.359	4.933
581	MODEL	4	19.704	4.992	4.933	6.245	7.118	2.582	1.893	1.291	1.000	2.082	3.594
621	RECREATION DIR	12	10.039	6.082	6.417	9.750	5.638	2.807	1.697	2.725	1.676	2.103	2.374
622	CMPNG, SCTNG, PRK GD	3	5.568	2.646	5.033	9.074	5.292	2.646	2.000	1.000	1.732	1.528	2.000
639	FARMING (OTHER)	6	9.239	9.131	7.668	13.018	6.765	2.829	3.578	1.673	0.983	2.966	2.881
711A	BANKING & FINANCE, I	30	7.938	6.937	5.826	10.077	6.283	3.133	2.228	1.455	2.373	2.524	2.862
711B	BANKING & FINANCE, II	4	9.142	6.898	4.690	13.329	4.243	2.646	0.957	1.500	3.000	2.217	2.363
712	INVSTMNT, STOCK CONSULT	2	23.335	0.707	4.950	12.728	0.707	2.121	2.121	2.121	0.0	5.657	2.121
716	CPA	25	7.681	7.021	4.930	9.607	5.842	2.871	2.351	1.800	2.121	2.521	3.113
717	ACCTANT (EXC CPA)	50	9.808	5.929	4.816	10.111	4.486	2.640	2.384	1.357	2.303	2.556	3.017
721	PURCHASING AGENT	4	8.367	6.000	4.546	15.330	3.775	2.449	0.500	0.816	1.414	3.109	2.160
722	RETAIL BUYER	24	11.810	5.631	5.236	8.817	5.377	3.349	1.880	1.642	2.104	2.125	2.320
724	ADVERTISING	32	9.993	4.853	4.030	9.177	4.349	3.162	1.903	1.915	2.187	2.703	2.200
725	PUBLIC RELATIONS	15	9.885	7.398	4.351	11.938	4.099	2.436	2.089	2.306	1.962	2.082	1.957
726	PERSONNEL ADMIN	25	11.637	6.150	4.558	9.024	4.527	3.259	1.865	1.581	2.462	2.596	1.806
727	APPRAISING, ESTIMATING	13	10.641	3.015	3.618	10.250	3.826	3.444	2.397	2.127	2.136	2.326	2.853
728	LOAN/CREDIT INVESTIG	11	15.021	9.220	7.627	9.202	7.815	2.611	2.240	1.916	2.212	2.533	2.796
730	BUS MGMT ADM (NEC)	19	9.723	7.305	6.935	9.582	7.089	2.318	1.972	1.835	1.765	2.345	2.233
732	WHSL/RET TRADE MGMT/MKTG	12	9.282	7.267	7.038	10.282	8.251	2.934	2.741	2.065	2.406	2.598	2.902
738	SUPERVISOR IN BUS	9	7.960	8.328	6.024	9.603	5.292	3.196	2.315	0.926	2.387	3.295	2.928
741	SALESCLERK	34	10.240	5.557	4.965	7.494	5.820	2.968	1.736	1.477	1.807	2.460	2.434
743	STOCKBROKER	4	6.185	4.425	3.559	7.089	2.754	1.732	2.500	1.000	2.708	2.217	2.754
745	REAL ESTATE SLSMAN	6	13.630	7.339	6.683	7.285	7.910	2.366	0.816	2.401	2.317	2.588	2.582
746	INSURANCE SLSMAN	5	5.070	6.140	2.074	13.675	3.082	4.147	1.000	1.304	3.033	3.271	1.483
748	OTHER SLSMAN (NEC)	13	10.820	5.444	5.316	8.098	4.648	2.139	2.242	2.478	2.136	2.720	2.142
749	SALES MGR	2	11.314	0.707	0.707	3.536	5.657	3.536	2.828	3.536	2.828	4.243	4.950
751	BOOKKEEPER	131	8.805	6.501	5.622	9.439	5.522	2.703	2.080	1.568	2.141	2.658	2.840
752	TELLER OR BANK CLRK	37	8.850	6.329	5.857	9.925	5.684	2.595	2.123	1.236	2.297	2.523	2.809
753	CASHIER	17	6.978	7.245	6.126	9.982	6.594	2.671	2.137	1.326	2.029	2.033	2.085
755	MISC ACCT RECDG	64	9.762	6.712	5.151	9.833	6.260	2.744	1.984	1.589	2.162	2.510	2.700
756	KEYPUNCH OP	83	8.329	5.838	5.507	9.882	5.925	3.058	2.146	1.729	2.205	2.725	2.643
757	KEYPUNCH INSTRUC	4	9.695	4.320	4.933	4.123	6.702	4.573	2.062	1.732	1.826	1.732	1.258
758	COMPUTER OP	65	9.959	5.518	5.168	9.147	5.513	2.695	2.344	1.533	2.084	2.656	3.041
761	SECRETARY (NEC)	997	8.032	6.131	5.222	9.399	5.425	2.813	2.146	1.732	2.247	2.547	2.650
762	SECRETARY-BOOKKEEPER	23	6.625	7.181	4.120	8.932	4.728	3.065	2.364	1.702	2.269	2.711	3.096
763	MED/DENT SECRETARY	47	9.869	5.262	4.749	9.499	6.158	3.004	2.053	1.398	2.419	2.773	2.924
764	LEGAL SECRETARY	61	8.205	6.087	5.723	8.048	5.706	2.502	1.928	1.502	2.116	2.494	2.269
765	STENO, CRT RPRTR	59	7.248	7.519	6.873	9.360	6.728	2.867	2.085	1.734	2.126	2.504	2.786
766	TYPIST, CLERK TYPIST	103	8.578	6.157	5.634	7.561	5.775	3.074	2.139	1.605	2.018	2.572	2.595
768	PROOFREADER	2	2.121	5.657	7.778	4.243	9.899	0.707	3.536	0.707	0.707	2.828	3.536
769	CLERK (MISC)	137	7.708	7.278	5.969	10.241	6.249	3.006	2.286	1.526	2.050	2.721	2.535
771	OFFICE SUPERVISOR	14	6.229	5.494	4.852	10.647	3.613	2.845	1.834	1.817	2.681	2.763	2.476
772	OFFICE MGR	5	12.775	5.805	5.612	4.561	6.656	0.837	1.095	2.168	1.643	0.837	1.225
781	PHONE, PBX OP	45	9.036	7.604	6.240	9.375	5.402	2.573	2.302	1.575	2.219	2.221	2.940
789	OTHER "PUB CONT" OCCS	58	11.340	6.286	5.512	10.151	6.812	2.987	2.262	1.787	2.128	2.588	2.892
791	RADIO, TELEGR, TTY OP	4	5.066	9.845	8.655	14.491	4.967	3.109	2.582	1.500	1.414	1.500	1.708
797	MISC CLERICAL	12	6.789	6.829	7.448	11.268	6.388	3.885	2.633	1.850	2.137	3.312	2.633
798	MISC ADMINISTRATIVE	17	8.724	5.864	4.139	7.509	4.273	3.061	2.425	1.640	1.976	2.304	2.399
833	METAL TRADES	2	0.707	3.536	5.657	0.0	7.778	4.950	3.536	0.707	2.828	1.414	2.121
861	PRINTING TRADES	6	13.363	9.832	4.764	11.466	4.472	3.578	1.835	1.211	2.229	1.211	1.751
864	DRAFTSMAN	4	15.305	4.500	7.439	2.363	6.131	3.416	2.062	3.304	1.155	2.217	4.349
865	PHOTOGRAPHY	4	13.429	5.795	3.559	15.341	5.500	1.414	3.304	2.217	2.872	2.500	4.031
866	INTERIOR DECORATOR	21	9.615	6.013	5.398	6.279	3.676	3.064	2.095	1.806	2.272	2.791	2.614
867	LANDSCAPE ARCHIT	2	1.414	7.778	9.192	7.778	1.414	2.121	0.707	0.0	0.707	1.414	0.707
868	CLTHNG & FASH TRADES	50	10.878	6.065	4.769	8.707	5.984	3.294	2.362	1.443	2.167	2.775	2.726
871	DIETITIAN	22	10.331	4.450	3.431	8.517	4.404	2.995	2.017	1.935	1.869	2.658	2.041
872	HOME ECONOMIST	30	12.722	6.673	5.278	9.561	5.084	2.615	2.079	1.414	2.092	2.671	2.513
873	AIRLN STEWRD, STEWRDESS	13	12.262	7.373	6.240	10.090	4.701	2.840	1.888	1.498	2.236	2.136	2.367
881	FOOD & BEVERAGE PREP	5	13.795	10.159	8.031	8.526	5.941	2.915	2.121	1.949	2.775	2.387	3.240
891	MISC PERSONAL SERV	28	11.940	5.174	6.497	7.858	4.803	3.114	2.234	1.873	2.132	2.699	2.362
893	HAIRDRESSER	196	9.615	6.582	5.195	9.170	5.812	2.888	2.180	1.414	2.157	2.396	2.670
894	PRACTICAL NURSE	119	10.117	6.716	5.826	9.364	6.143	3.155	2.300	1.787	2.224	2.823	2.791
895	NURSES' AIDE	23	11.422	6.703	4.987	11.008	6.732	2.950	2.314	1.593	2.486	2.580	3.052
896	DOMESTIC SERVICE	4	5.447	5.477	8.124	11.442	11.295	4.509	1.826	1.826	2.380	3.862	4.655
899	GENERAL LABORER	76	9.116	6.749	5.779	9.257	6.475	2.725	2.391	1.310	2.125	2.532	2.545
	TOTAL	14703	10.619	6.458	5.566	9.602	5.906	2.938	2.238	1.741	2.223	2.612	2.777

TABLE 1.4 (continued)

			MEANS										
			STUDENT ACTIVITIES INVENTORY (CONTD.)					STUDENT INFORMATION BLANK SCALES					
#	GROUP	N	CULTURE	LEADERSHIP	SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS
			R-607	R-608	R-609	R-610	D-802	F-803	P-820	F-822	F-823	P-827	P-828
000	NO ANSWER	1639	6.073	1.418	5.428	12.555	0.328	35.700	26.312	27.428	17.196	27.092	23.958
001	DON'T KNOW	262	5.962	1.385	5.073	12.183	0.492	41.969	27.492	26.740	16.611	26.847	25.156
010	HOUSEWIFE	4695	6.126	1.322	5.342	12.676	0.307	35.621	26.372	26.248	17.798	27.228	23.294
020	NO SPEC INCOME JOB	14	6.286	1.714	6.214	14.000	0.143	36.643	28.643	22.143	16.429	26.857	21.143
101	EXECUTIVE (NEC)	2	6.000	2.500	9.000	15.000	0.0	23.000	34.000	21.500	16.500	34.500	35.500
102	FOREMAN (NEC)	3	3.000	1.000	5.333	12.333	0.667	43.000	32.000	20.667	17.333	29.667	13.667
111	WORK FOR GOVT (NEC)	30	6.000	1.767	5.967	13.633	0.367	37.933	28.400	27.233	17.033	27.667	25.033
112	IN BUS FOR SELF (NEC)	18	7.167	2.333	7.389	15.833	0.500	40.056	31.556	27.667	19.722	28.056	25.667
120	IND, BUS, COMM	35	6.000	1.400	5.571	11.286	0.286	33.286	25.371	24.943	16.429	26.257	22.571
121	RETAIL (NEC)	7	6.714	1.429	4.000	9.714	0.857	47.857	26.286	44.000	18.429	27.143	28.857
122	TRANSPORTATION (NEC)	5	7.200	1.600	6.000	14.800	0.800	48.800	23.800	34.000	21.800	29.000	24.000
123	REAL ESTATE (NEC)	2	7.000	2.000	8.500	16.000	0.0	39.000	21.000	26.500	14.500	29.500	15.500
124	INSURANCE (NEC)	13	7.385	0.923	5.538	13.077	0.308	39.231	26.462	31.769	16.923	27.923	23.000
125	ELECTRONICS (NEC)	3	7.333	0.667	4.667	12.667	0.333	22.667	27.333	23.667	19.667	29.000	23.667
140	"WRK WTH PEOPLE" (NEC)	8	5.875	0.625	5.125	11.625	0.500	45.875	23.375	33.750	20.500	29.375	27.125
141	"WRK WITH CHILDR" (NEC)	14	5.714	1.286	5.286	11.643	0.143	31.286	26.929	27.357	16.929	27.500	19.000
150	RESEARCH	6	5.667	2.167	4.333	17.000	0.833	60.667	32.000	34.167	18.500	32.500	25.333
211	MATH, STAT	8	5.875	1.625	4.875	14.750	0.875	64.375	37.750	29.250	20.625	29.750	29.375
212	OTHER STATISTICS	5	7.800	1.200	3.200	16.400	1.000	71.800	38.400	41.200	21.000	33.400	25.000
221	SYSTEMS ANALYST	8	7.625	2.625	8.250	17.875	1.000	67.000	41.625	42.625	22.000	34.500	30.875
222	COMPUTER PROGRAMMER	45	6.511	1.711	6.333	15.511	0.711	52.956	35.756	32.333	18.644	31.400	25.778
229	COMPUTER SPEC (NEC)	7	6.000	1.857	6.286	15.857	0.857	61.143	39.571	29.571	19.286	29.143	29.714
231	CHEMIST	25	7.040	1.760	5.480	17.080	0.920	59.480	39.400	38.040	18.160	33.360	28.440
234	GEOLOGIST	2	5.500	2.500	7.000	10.000	1.000	58.000	27.500	30.500	18.500	31.000	34.000
241	CIVIL ENGINEER	2	7.000	1.500	6.500	11.000	1.000	52.000	38.000	25.000	20.500	30.000	31.500
245	CHEM ENGINEER	2	6.000	1.500	2.500	10.000	1.000	75.000	41.000	35.500	15.000	36.500	38.000
299	PHYS SCI, LAB TECH	23	6.435	1.522	5.696	13.609	0.783	53.130	32.217	29.522	20.130	29.043	26.478
310	BIOLOGIST, ZOOLOGIST	14	6.571	1.929	5.429	13.000	0.929	57.286	33.500	29.714	20.000	28.857	29.286
314	WLDLF/FOREST SPEC	2	4.500	0.500	3.000	8.500	1.000	62.000	26.000	12.500	9.500	17.000	39.000
315	PHARMACOLOGIST	2	7.000	4.000	6.000	18.000	1.000	59.500	45.500	15.000	18.000	33.000	36.500
316	MICROBIOLOGIST	15	7.067	2.000	6.533	15.733	0.800	61.467	35.600	33.533	18.000	30.933	31.867
317	BIOCHEMIST	7	7.143	2.143	6.143	14.571	1.000	66.571	43.857	25.286	18.429	32.000	28.571
319	OTHER CHEM SCI	8	6.250	2.250	5.375	13.250	1.000	64.000	35.500	31.875	22.500	28.500	28.625
329	MD-OTHER	19	7.000	2.842	7.211	18.737	1.000	62.632	39.737	28.579	18.947	32.947	28.211
333	VETERINARIAN	4	6.750	1.500	5.250	15.750	0.750	62.000	32.750	28.000	18.000	31.500	27.750
335	PHARMACIST	16	6.313	1.813	6.313	17.313	0.875	57.813	37.000	32.188	18.813	32.438	25.[illegible]5
337	RN	703	6.597	1.622	6.055	14.556	0.826	52.376	30.640	32.081	20.471	29.573	26.[illegible]
341	DENTAL HYGIENIST	28	7.321	1.964	5.500	14.357	0.821	51.214	29.643	34.500	19.929	28.714	24.[illegible]
343	PHYS THERAPIST	16	7.250	2.063	5.500	16.438	1.000	58.813	30.625	41.813	21.938	30.063	26.688
344	OCCUP THERAPIST	13	6.846	1.769	5.000	12.385	1.000	53.692	32.769	34.615	21.462	29.308	29.538
346	SPEC THERAPIST (MISC)	19	7.316	2.632	7.368	16.842	0.842	51.474	32.947	33.316	22.105	31.368	31.842
347	MED/DENT TECHNOL	101	6.644	1.515	5.653	15.178	0.842	53.574	32.941	30.416	18.802	30.248	25.535
348	MED/DENT TECHNICIAN	134	6.440	1.425	5.276	13.045	0.590	43.948	27.090	30.433	18.366	27.634	23.590
360	PSYCHOLOGIST	37	7.135	2.270	6.027	15.541	0.892	56.568	34.622	31.243	17.541	30.216	29.622
369	PSYCH RES ASST	2	9.000	2.500	8.000	20.500	1.000	58.000	47.000	19.500	24.000	32.500	33.000
370	SOCIAL WORKER	190	7.253	1.995	5.674	14.853	0.779	50.626	31.216	31.711	19.305	29.453	28.632
371	PSYCHIATRIC SOC WRKR	18	7.000	1.611	6.167	14.944	0.944	57.500	30.944	26.111	19.722	30.444	28.167
372	COUNSELING/GUIDANCE	16	7.250	1.625	5.875	14.875	0.938	54.000	34.313	34.125	16.813	31.375	32.000
373	VOC/ED GUIDANCE	32	7.031	2.188	6.281	14.219	0.875	54.156	31.375	29.844	19.656	29.438	28.750
382	ECONOMIST	4	7.500	2.250	7.500	15.000	1.000	71.500	38.750	49.500	22.250	31.250	29.000
383	SOCIOLOGIST	2	10.000	3.000	6.500	11.000	1.000	54.500	40.000	14.000	18.500	30.500	36.500
384	ANTHROPOLOGIST	5	7.600	3.200	7.400	17.000	0.600	55.600	38.600	23.800	18.800	31.800	29.800
389	SOCIAL SCI (MISC)	7	7.571	2.429	6.571	15.286	1.000	58.000	37.286	38.286	21.714	32.857	34.571
391	POLITICIAN	2	7.500	1.000	5.500	16.500	1.000	54.000	30.500	34.500	16.500	29.000	26.500
392	DIPLOMAT	8	6.750	2.125	5.875	14.750	1.000	55.625	28.875	32.875	17.000	26.625	32.125
393	LAWYER	13	7.923	2.462	8.000	15.538	0.923	54.462	28.846	29.000	20.385	28.308	27.615
397	PUBLIC ADM (NEC)	2	6.000	2.000	6.000	16.000	1.000	59.000	31.500	19.500	20.000	27.000	26.500
400	TEACHER (NEC)	1194	6.930	1.946	5.897	14.676	0.843	51.157	32.534	31.751	19.503	29.924	27.276
410	TCHNG YNG CHILDR	7	6.714	1.714	5.714	14.857	0.714	63.143	31.571	33.000	21.571	28.857	27.714
411	TCHNG PRESCH CHILDR	37	6.405	1.757	6.189	13.405	0.838	53.054	28.243	30.595	19.919	28.757	26.811
412	TEACHER-ELEM	752	6.968	1.830	5.762	14.445	0.809	49.918	30.653	32.285	19.738	29.520	26.806
420	TEACHER-HS (NEC)	89	7.022	1.888	6.157	14.685	0.831	51.270	35.528	33.360	19.708	29.921	29.011
421	TEACHER-HS MATH	62	6.758	1.984	5.726	16.290	0.968	58.629	37.839	35.323	20.887	30.871	27.226
422	TEACHER-HS SCI	41	6.537	1.951	6.537	14.951	0.829	55.854	33.927	34.293	19.878	31.098	28.317
423	TEACHER-HS SOC ST	68	7.691	2.132	6.250	14.809	0.794	52.853	32.618	32.544	20.000	30.279	28.868
424	TEACHER-ENGLISH	150	6.800	2.240	6.407	14.667	0.840	52.187	34.033	33.393	19.887	29.947	31.333
425	TEACHER-FOREIGN LANG	58	7.672	2.069	6.897	16.638	0.948	58.448	34.621	36.034	20.793	31.931	30.534
426	TEACHER-COMM ED	50	6.860	2.080	5.320	15.160	0.480	39.020	34.340	35.500	20.120	29.620	26.500
427	TEACHER-HS HOME EC	63	6.810	1.889	5.619	14.810	0.698	42.810	32.032	32.286	20.571	29.000	24.381
428	TEACHER-TRADES	2	7.000	2.000	5.000	15.500	0.0	34.500	33.000	28.500	19.000	28.000	21.500
429	TEACHER-PHYS ED	44	6.136	2.091	6.341	13.818	0.727	46.795	27.614	33.477	18.068	29.205	23.227
431	TEACHER-ART	51	7.824	2.098	5.863	14.961	0.804	50.882	31.627	34.980	19.863	29.510	29.059
432	TEACHER-MUSIC	58	7.966	2.328	6.897	15.207	0.776	49.741	33.121	33.672	19.345	29.448	29.483
433	TEACHER-SPEECH	4	6.000	2.750	9.000	15.000	0.750	48.000	36.750	24.750	18.000	29.750	28.250
440	TEACHER-HANDICAPPED	60	6.750	1.817	5.900	14.517	0.833	51.533	29.567	35.100	20.483	29.850	27.217
441	SPEECH THERAPIST	40	7.575	2.050	6.350	14.625	0.925	57.800	30.400	36.675	21.650	28.650	29.625
450	SCH ADM (EXC COLL)	9	7.667	3.556	8.778	15.889	0.778	54.111	36.889	46.222	21.889	32.000	30.444
460	COLL/UNIV TCHR (NEC)	90	7.400	2.100	6.667	15.811	0.878	54.767	34.533	33.944	19.556	30.500	31.289
461	COLL/UNIV TCHR-MATH	8	6.375	2.000	5.750	16.875	1.000	60.625	43.500	27.375	20.375	31.500	27.875
462	COLL/UNIV TCHR-SCI	20	6.300	1.750	5.600	15.200	0.950	63.150	42.350	26.850	19.400	32.700	30.650
463	COLL/UNIV TCHR-SOC SCI	25	7.400	2.120	7.040	17.400	1.000	59.320	42.520	32.200	19.960	33.040	33.280
464	COLL/UNIV TCHR-ENGLISH	49	7.592	2.224	6.449	16.388	0.939	58.755	39.898	30.980	19.082	32.245	35.408
465	COLL/UNIV TCHR-FOR LANG	21	7.190	2.524	7.238	15.190	0.857	60.190	38.143	36.048	20.048	31.905	34.524
470	COLL/UNIV TCHR-ADM	2	6.500	2.500	5.500	14.000	0.500	55.000	38.000	42.500	22.000	34.000	27.500
511	LIBRARIAN	54	7.278	1.370	5.481	15.352	0.852	54.981	34.889	31.704	19.981	31.037	29.944
521	CLERGYMAN	8	6.375	2.250	7.250	14.875	0.500	44.250	32.875	23.500	23.750	31.125	26.875
522	MONK, BROTHER, NUN	46	6.543	1.717	5.891	15.457	0.870	57.739	32.413	35.587	20.087	29.826	27.652
523	RELIG WRKR (OTHER)	36	6.278	1.750	5.889	14.139	0.611	45.833	30.278	33.972	18.944	28.667	26.222
531	WRITER (NEC)	31	6.710	1.742	5.903	14.097	0.806	53.516	33.290	32.161	20.387	29.032	32.323
532	FICTION WRITER	3	5.333	3.000	5.000	14.333	0.667	60.667	39.000	31.333	22.333	31.667	31.000
533	NONFIC WRTR (EXC JRNLST)	5	8.400	1.600	6.800	16.400	0.800	56.400	34.600	35.600	23.400	29.600	23.200

TABLE 1.4 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			STUDENT ACTIVITIES INVENTORY (CONTD.)				STUDENT INFORMATION BLANK SCALES						
			CULTURE	LEADERSHIP	SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS
			R-607	R-608	R-609	R-610	D-802	F-803	P-820	F-822	F-823	P-827	P-828
000	NO ANSWER	1639	2.197	1.435	2.691	5.156	0.470	15.702	9.257	16.897	6.353	5.172	8.766
001	DON'T KNOW	262	2.309	1.436	2.678	5.622	0.501	17.908	9.559	17.202	7.025	5.252	8.724
010	HOUSEWIFE	4695	2.175	1.382	2.633	5.159	0.461	14.757	9.106	16.526	5.962	5.091	8.992
020	NO SPEC INCOME JOB	14	1.858	1.858	2.119	5.378	0.363	14.990	9.763	12.234	7.261	6.225	9.922
101	EXECUTIVE (NEC)	2	0.0	2.121	4.243	1.414	0.0	4.243	12.728	19.092	4.950	2.121	3.536
102	FOREMAN (NEC)	3	1.732	1.732	4.041	8.021	0.577	32.419	15.524	15.275	4.163	1.528	11.015
111	WORK FOR GOVT (NEC)	30	2.259	1.524	2.484	4.263	0.490	19.325	9.626	16.960	7.346	5.155	8.853
112	IN BUS FOR SELF (NEC)	18	1.978	1.782	2.453	3.698	0.514	20.718	9.482	11.832	5.154	4.569	10.053
120	IND, BUS, COMM	35	1.970	1.397	2.404	6.364	0.458	18.936	8.391	18.015	6.942	5.858	8.641
121	RETAIL (NEC)	7	3.039	1.272	1.633	3.861	0.378	15.710	6.157	14.166	4.860	4.259	6.543
122	TRANSPORTATION (NEC)	5	0.837	1.342	2.739	4.494	0.447	15.531	9.445	10.654	4.868	6.892	7.874
123	REAL ESTATE (NEC)	2	2.828	2.828	2.121	9.899	0.0	4.243	12.728	10.607	3.536	6.364	17.678
124	INSURANCE (NEC)	13	2.293	1.320	2.989	5.560	0.480	17.312	8.130	10.717	5.780	5.024	8.165
125	ELECTRONICS (NEC)	3	0.577	0.577	4.726	2.517	0.577	9.866	2.517	7.572	5.508	4.583	6.028
140	"WRK WTH PEOPLE" (NEC)	8	2.232	0.916	3.643	4.438	0.535	15.085	10.013	21.292	7.151	5.476	9.141
141	"WRK WITH CHILDR" (NEC)	16	2.920	1.541	2.673	6.428	0.363	9.236	10.630	21.777	6.822	6.048	10.015
150	RESEARCH	6	2.338	1.169	1.366	4.050	0.408	12.565	11.296	19.031	3.728	4.183	8.430
211	MATH, STAT	8	2.100	2.200	2.100	5.849	0.354	12.165	6.364	18.783	2.825	2.659	7.289
212	OTHER STATISTICS	5	1.643	1.643	2.168	5.320	0.0	13.936	7.701	16.362	3.162	5.320	10.000
221	SYSTEMS ANALYST	8	2.066	1.996	2.493	3.871	0.0	11.464	7.873	15.928	2.507	2.390	7.699
222	COMPUTER PROGRAMMER	45	2.564	1.440	3.104	5.229	0.458	18.176	9.978	16.595	6.457	4.854	8.084
229	COMPUTER SPEC (NEC)	7	2.236	1.345	2.289	5.398	0.378	16.191	5.094	16.900	7.296	8.474	4.152
231	CHEMIST	25	2.189	1.665	3.393	5.227	0.277	10.658	10.186	14.229	4.828	3.904	8.165
234	GEOLOGIST	2	2.121	0.707	4.243	0.0	0.0	5.657	3.536	7.778	4.950	4.243	8.485
241	CIVIL ENGINEER	2	1.414	0.707	2.121	1.414	0.0	16.971	14.142	19.799	4.950	4.243	2.121
245	CHEM ENGINEER	2	4.243	0.707	3.536	14.142	0.0	9.899	12.728	10.607	0.0	2.121	0.0
299	PHYS SCI, LAB TECH	23	2.253	1.082	2.819	5.391	0.422	17.579	10.479	14.712	4.526	4.353	7.633
310	BIOLOGIST, ZOOLOGIST	14	2.209	1.542	2.377	6.337	0.267	14.182	9.866	17.380	6.152	6.237	8.651
314	WLDLF/FOREST SPEC	2	3.536	0.707	4.243	12.021	0.0	2.828	1.414	17.678	13.435	9.899	1.414
315	PHARMACOLOGIST	2	1.414	1.414	2.828	1.414	0.0	14.849	2.121	9.899	1.414	1.414	2.121
316	MICROBIOLOGIST	15	2.576	1.414	3.461	6.330	0.414	10.204	8.105	11.783	4.957	3.369	6.556
317	BIOCHEMIST	7	2.340	1.574	1.069	6.051	0.0	7.634	6.543	22.104	3.823	4.359	7.913
319	OTHER CHEM SCI	8	3.012	1.282	3.815	5.922	0.0	4.690	8.569	15.254	5.657	3.024	8.123
329	MD-OTHER	19	2.427	1.573	3.242	3.088	0.0	12.294	5.724	13.954	5.768	3.793	7.700
333	VETERINARIAN	4	2.986	1.291	2.630	5.500	0.500	4.321	5.737	2.000	5.354	1.000	12.553
335	PHARMACIST	16	2.330	1.471	2.120	5.582	0.342	7.101	7.537	14.734	3.655	3.847	6.752
337	RN	703	2.192	1.552	2.803	5.210	0.379	11.919	8.794	15.794	5.044	4.478	8.074
341	DENTAL HYGIENIST	28	2.001	1.453	3.272	4.708	0.390	11.256	10.111	16.732	4.488	6.200	8.152
343	PHYS THERAPIST	16	2.113	1.526	2.633	5.151	0.0	10.803	8.732	21.897	4.582	4.795	11.987
344	OCCUP THERAPIST	13	1.625	1.481	2.309	4.194	0.0	11.368	6.954	15.229	4.789	3.966	7.523
346	SPEC THERAPIST (MISC)	19	2.473	1.707	2.338	4.891	0.375	10.813	10.653	15.578	4.421	3.419	8.302
347	MED/DENT TECHNOL	101	2.028	1.446	2.740	5.354	0.367	11.198	8.771	17.553	5.333	4.544	7.863
348	MED/DENT TECHNICIAN	134	2.302	1.458	2.781	5.301	0.494	15.278	8.988	17.566	5.725	4.815	8.829
360	PSYCHOLOGIST	37	1.843	1.407	2.814	5.536	0.315	14.284	9.976	14.094	5.895	4.461	7.858
369	PSYCH RES ASST	2	1.414	2.121	4.243	4.950	0.0	22.627	4.243	17.678	1.414	0.707	7.071
370	SOCIAL WORKER	190	2.085	1.679	2.712	5.057	0.416	12.723	9.402	15.620	4.906	4.594	7.437
371	PSYCHIATRIC SOC WRKR	18	1.879	1.754	2.813	4.425	0.236	9.823	7.557	17.204	5.356	3.240	7.318
372	COUNSELING/GUIDANCE	16	2.436	1.500	2.705	6.682	0.250	10.328	8.920	16.741	6.210	3.500	6.938
373	VOC/ED GUIDANCE	32	2.055	1.731	2.785	6.544	0.336	12.513	8.875	18.873	6.094	6.288	8.289
382	ECONOMIST	4	2.380	0.957	1.291	6.000	0.0	4.123	5.852	13.000	3.096	6.850	4.243
383	SOCIOLOGIST	2	0.0	2.828	0.707	8.485	0.0	12.021	4.243	7.071	13.435	4.950	2.121
384	ANTHROPOLOGIST	5	2.074	2.168	2.608	7.280	0.548	21.279	7.861	22.287	4.604	5.718	9.039
389	SOCIAL SCI (MISC)	7	3.505	1.397	3.409	7.251	0.0	5.164	6.676	13.438	5.964	4.140	4.077
391	POLITICIAN	2	0.707	1.414	3.536	3.536	0.0	16.971	6.364	17.678	6.364	4.243	2.121
392	DIPLOMAT	9	2.605	1.959	2.589	4.892	0.0	7.520	10.736	23.154	7.211	5.290	8.408
393	LAWYER	13	1.891	1.330	2.380	5.925	0.277	9.553	7.046	14.640	4.664	5.360	8.912
397	PUBLIC ADM (NEC)	2	2.828	2.828	1.414	7.071	0.0	4.243	0.707	9.192	7.071	7.071	9.192
400	TEACHER (NEC)	1194	2.186	1.605	2.671	5.383	0.364	12.886	8.659	16.377	5.406	4.663	8.251
410	TCHNG YNG CHILDR	7	1.496	1.890	1.799	5.610	0.488	11.364	6.024	27.068	5.127	5.843	10.920
411	TCHNG PRESCH CHILDR	37	2.006	1.588	2.569	5.262	0.374	10.239	8.578	13.726	4.192	4.512	6.603
412	TEACHER-ELEM	752	2.202	1.615	2.762	5.393	0.394	12.822	8.260	16.842	5.453	4.559	8.216
420	TEACHER-HS (NEC)	89	2.236	1.648	2.783	5.732	0.376	13.464	8.663	19.570	5.373	4.511	7.818
421	TEACHER-HS MATH	62	2.672	1.655	2.650	5.397	0.178	12.836	8.825	16.416	4.274	4.159	8.032
422	TEACHER-HS SCI	41	2.001	1.341	2.560	5.305	0.381	12.064	8.159	15.004	4.991	4.288	6.377
423	TEACHER-HS SOC ST	68	1.839	1.326	2.706	5.244	0.407	11.909	8.889	14.713	5.275	4.674	7.523
424	TEACHER-ENGLISH	150	2.300	1.579	2.833	5.424	0.368	13.113	8.620	16.730	5.581	5.010	7.240
425	TEACHER-FOREIGN LANG	59	2.089	1.599	2.751	4.778	0.223	10.021	8.723	14.954	4.432	4.171	7.344
426	TEACHER-COMM ED	50	2.157	1.652	2.535	4.850	0.505	13.703	10.003	14.300	4.355	4.485	7.468
427	TEACHER-HS HOME EC	63	2.154	1.504	2.685	4.782	0.463	12.806	8.551	16.759	4.921	3.865	8.732
428	TEACHER-TRADES	2	1.414	0.0	2.828	4.950	0.0	12.021	5.657	0.707	11.314	8.485	19.092
429	TEACHER-PHYS ED	44	2.184	1.668	2.533	5.982	0.451	14.315	7.726	18.730	6.025	4.412	8.744
431	TEACHER-ART	51	1.646	1.758	2.771	5.095	0.401	13.227	8.962	15.966	5.532	4.696	9.776
432	TEACHER-MUSIC	58	1.796	1.679	2.222	4.902	0.421	12.555	11.258	18.209	4.443	4.639	9.015
433	TEACHER-SPEECH	4	2.582	2.217	3.162	9.899	0.500	12.961	12.997	16.132	4.967	4.646	19.120
440	TEACHER-HANDICAPPED	60	2.575	1.557	2.723	5.803	0.376	13.289	8.280	17.018	5.613	4.376	8.469
441	SPEECH THERAPIST	40	2.171	1.709	3.093	5.714	0.267	13.127	9.421	15.416	4.737	4.594	8.515
450	SCH ADM (EXC COLL)	9	2.179	1.667	2.949	5.487	0.441	11.230	8.937	20.036	5.302	5.074	5.703
460	COLL/UNIV TCHR (NEC)	90	2.161	1.615	2.880	5.575	0.329	11.887	9.281	17.072	5.585	4.257	7.255
461	COLL/UNIV TCHR-MATH	8	2.669	1.690	2.816	5.890	0.0	11.288	8.000	14.392	5.706	5.555	11.231
462	COLL/UNIV TCHR-SCI	20	2.830	1.517	2.963	6.195	0.224	7.955	8.536	14.801	5.633	3.294	8.080
463	COLL/UNIV TCHR-SOC SCI	25	2.598	1.641	2.965	5.686	0.0	14.442	7.343	19.094	5.256	2.922	6.699
464	COLL/UNIV TCHR-ENGLISH	49	1.645	1.747	2.542	4.609	0.242	12.549	7.657	16.256	6.003	3.987	4.856
465	COLL/UNIV TCHR-FOR LANG	21	2.089	1.537	2.508	6.947	0.359	14.787	9.068	13.044	4.364	4.625	5.026
470	COLL/UNIV TCHR-ADM	2	0.707	2.121	2.121	4.243	0.707	9.899	9.899	33.234	4.243	1.414	3.536
511	LIBRARIAN	54	1.994	1.470	2.561	5.485	0.359	12.397	8.056	16.406	4.619	4.455	7.178
521	CLERGYMAN	8	1.847	1.488	3.576	5.055	0.535	17.515	10.357	8.864	4.803	4.291	10.260
522	MONK, BROTHER, NUN	46	2.137	1.669	2.726	5.464	0.341	12.065	9.453	17.756	6.892	5.208	8.644
523	RELIG WRKR (OTHER)	36	2.350	1.628	2.638	5.378	0.494	14.393	9.101	20.902	7.837	6.370	8.616
531	WRITER (NEC)	31	2.312	1.770	2.638	5.612	0.402	13.483	10.703	19.268	4.470	5.338	6.024
532	FICTION WRITER	3	1.528	2.000	1.732	6.429	0.577	17.926	9.644	9.609	3.786	2.082	3.606
533	NONFIC WRTR (EXC JRNLST)	5	0.548	2.074	2.588	4.037	0.447	11.459	11.305	5.899	3.435	5.595	11.798

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TABLE 1.4 (continued

#	GROUP	N	MEANS										
			STUDENT ACTIVITIES INVENTORY (CONTD.)				STUDENT INFORMATION BLANK SCALES						
			CULTURE	LEADERSHIP	SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS
			R-607	R-608	P-609	P-610	D-802	F-803	P-820	F-822	F-823	P-827	P-828
534	JRNLST/RPRTER	20	7.650	2.100	6.300	13.650	0.700	50.350	32.800	31.200	19.550	30.500	34.750
536	PUBLISHER, ETC.	5	7.200	2.200	5.000	12.200	0.600	46.200	29.400	26.000	17.200	26.600	33.800
537	EDITOR	8	6.250	1.500	5.750	16.000	1.000	65.375	35.000	36.750	21.375	27.625	33.000
539	TRNSLTR, INTRPRTR, LINGST	9	7.111	2.000	6.444	12.778	0.778	54.000	39.222	31.667	16.222	30.667	30.000
541	FINE ARTS	31	7.613	2.226	6.645	14.419	0.645	44.484	27.548	34.645	17.677	27.548	28.226
545	COMM ARTIST	41	6.829	1.439	5.805	12.756	0.610	42.073	28.219	31.585	16.927	27.146	26.146
547	DESIGNER (CONS GDS)	5	9.400	1.800	5.600	12.600	0.800	49.200	25.000	20.800	15.600	26.200	31.000
551	MUSICIAN	11	6.273	1.364	7.182	13.273	0.727	51.818	30.455	33.909	18.364	31.182	31.182
552	SINGER	5	9.000	3.400	5.800	15.000	0.600	41.400	29.000	33.800	18.400	29.600	26.400
559	MUSIC-REL (MISC)	9	7.000	1.111	7.333	16.000	0.667	49.111	29.556	40.000	21.444	29.667	28.000
560	DANCER, CHOREOG	14	7.357	1.714	5.714	15.071	0.500	42.357	29.929	23.357	18.071	29.071	24.214
571	ACTOR	6	6.667	2.333	6.833	12.333	0.833	47.333	26.500	28.167	15.333	24.667	28.833
575	THEATRE ((OTHER)	14	7.786	2.000	7.500	19.214	0.929	54.857	26.929	29.786	18.857	30.143	33.286
579	MISC PERF ARTS	3	9.667	4.333	7.667	17.000	0.667	43.333	24.000	34.000	22.000	30.333	30.333
581	MODEL	4	8.000	2.500	6.250	14.500	0.500	38.500	23.000	30.500	18.000	27.500	27.750
621	RECREATION DIR	12	6.833	1.583	5.833	11.583	0.750	50.333	31.000	32.500	17.917	29.333	28.083
622	CMPNG, SCTNG, PRK GD	3	7.000	1.333	6.000	18.000	1.000	54.333	25.333	31.333	18.667	29.333	29.333
639	FARMING (OTHER)	6	6.167	1.167	6.667	13.667	0.167	29.000	29.833	21.333	19.333	25.000	21.000
711A	BANKING & FINANCE, I	30	5.900	1.267	5.100	12.967	0.133	35.067	29.900	34.900	20.533	28.733	24.467
711B	BANKING & FINANCE, II	4	7.750	1.000	6.250	11.250	0.750	52.000	25.000	25.250	17.250	28.750	22.000
712	INVSTMNT, STOCK CONSULT	2	8.000	1.500	4.000	16.500	0.500	39.000	24.000	25.000	21.500	28.500	19.000
716	CPA	25	6.520	2.080	6.160	15.200	0.520	43.840	30.400	28.440	19.440	28.600	24.960
717	ACCTANT (EXC CPA)	50	5.720	1.380	5.360	13.280	0.380	38.960	28.160	29.680	18.480	28.160	22.320
721	PURCHASING AGENT	4	6.000	1.500	5.250	12.750	0.0	23.000	19.250	18.500	11.000	29.000	17.750
722	RETAIL BUYER	24	6.500	1.625	5.625	13.750	0.750	45.167	27.750	29.000	18.708	29.458	25.667
724	ADVERTISING	32	7.344	2.500	6.563	14.344	0.750	51.469	29.125	32.531	17.844	28.813	29.750
725	PUBLIC RELATIONS	16	7.188	1.938	6.813	15.813	0.688	43.875	28.938	26.563	16.938	27.625	26.375
726	PERSONNEL ADMIN	25	6.880	2.320	5.880	14.680	0.800	57.760	32.640	35.280	18.520	29.200	27.040
727	APPRAISING, ESTIMATING	13	5.692	0.692	4.923	12.154	0.231	38.308	27.846	31.077	18.308	27.769	23.769
728	LOAN/CREDIT INVESTIG	11	6.000	1.000	4.091	12.727	0.182	36.273	28.909	29.455	17.364	27.364	23.818
730	BUS MGMT ADM (NEC)	19	6.474	1.684	5.579	12.474	0.526	39.895	26.579	29.842	16.316	26.684	25.421
732	WHSL/RET TRADE MGMT/MKTG	12	6.417	1.750	6.167	13.500	0.667	50.500	26.917	29.417	20.750	28.250	24.250
738	SUPERVISOR IN BUS	8	7.875	2.500	7.125	14.500	0.750	47.000	29.750	33.875	15.500	29.750	26.000
741	SALESCLERK	34	5.912	1.382	4.853	12.294	0.029	27.382	23.000	25.824	17.647	26.500	21.971
743	STOCKBROKER	4	6.750	1.500	8.750	14.250	1.000	65.000	33.000	29.250	19.500	34.250	28.500
745	REAL ESTATE SLSMAN	6	9.167	2.333	7.333	15.833	0.500	44.500	32.667	42.167	23.333	29.333	29.667
746	INSURANCE SLSMAN	5	6.200	1.200	4.000	15.400	0.200	36.400	26.600	33.600	19.800	27.800	21.400
748	OTHER SLSMAN (NEC)	13	7.231	1.692	6.077	14.308	0.385	41.692	27.231	40.615	18.462	28.538	26.923
749	SALES MGR	2	7.500	0.0	8.500	11.000	1.000	51.000	13.500	33.000	19.000	21.000	27.500
751	BOOKKEEPER	131	6.107	1.260	4.954	13.160	0.183	32.855	26.168	27.206	17.305	27.947	21.802
752	TELLER OR BANK CLRK	37	6.081	1.486	5.892	11.811	0.216	34.405	27.081	28.243	18.324	27.757	24.919
753	CASHIER	17	6.353	1.118	4.941	12.882	0.412	35.000	24.176	30.824	17.294	27.529	24.824
755	MISC ACCT RECDG	64	6.063	1.000	5.547	12.641	0.313	36.891	27.563	26.172	19.188	27.906	23.000
756	KEYPUNCH OP	83	5.566	1.108	5.048	11.277	0.193	32.024	22.699	25.940	16.855	25.410	21.446
757	KEYPUNCH INSTRUC	4	6.000	1.000	4.500	15.500	0.250	36.500	25.500	26.000	21.500	26.000	22.750
758	COMPUTER OP	65	5.877	1.077	5.185	12.092	0.262	32.723	24.754	24.462	15.938	26.308	22.969
761	SECRETARY (NEC)	997	6.244	1.434	5.392	13.391	0.262	34.180	28.359	28.425	17.830	28.372	25.280
762	SECRETARY-BOOKKEEPER	23	6.261	1.783	5.739	12.957	0.174	32.565	27.304	27.870	20.261	27.043	24.522
763	MED/DENT SECRETARY	47	6.340	1.681	5.255	12.787	0.362	39.000	26.957	33.574	20.340	27.681	24.979
764	LEGAL SECRETARY	61	6.689	1.607	5.885	14.738	0.328	35.738	29.738	29.164	17.934	28.934	27.131
765	STENO, CRT RPRTR	69	5.913	1.594	5.304	12.667	0.174	32.580	28.261	24.884	17.623	27.348	24.565
766	TYPIST, CLERK TYPIST	103	5.786	1.214	5.068	12.019	0.165	31.107	24.320	23.476	16.631	25.932	22.699
768	PROOFREADER	2	3.000	1.500	1.500	13.500	0.0	26.000	26.000	26.500	9.000	28.000	23.000
769	CLERK (MISC)	137	5.796	0.942	4.883	11.803	0.168	31.058	25.051	25.832	16.745	26.679	22.825
771	OFFICE SUPERVISOR	14	6.571	1.571	5.357	14.143	0.214	33.000	28.071	30.429	15.786	27.929	26.714
772	OFFICE MGR	5	6.800	1.000	5.800	12.800	0.0	27.800	25.600	28.800	17.200	28.200	16.200
781	PHONE, PBX OP	45	5.622	1.022	5.289	11.711	0.178	31.778	22.844	23.644	17.644	26.867	22.333
789	OTHER "PUB CONT" OCCS	58	6.034	1.310	5.638	11.931	0.379	37.862	26.603	23.379	16.362	27.483	24.052
791	RADIO, TELEGR, TTY OP	4	4.750	1.250	3.500	9.250	0.250	41.000	25.250	20.500	18.000	24.000	13.250
797	MISC CLERICAL	12	6.250	1.083	5.417	10.833	0.083	25.917	20.750	20.917	15.833	24.250	17.000
798	MISC ADMINISTRATIVE	17	6.824	2.000	7.235	15.824	0.647	48.412	29.647	31.059	19.882	29.059	27.294
833	METAL TRADES	2	5.000	1.500	5.000	16.000	0.0	16.500	30.000	23.500	12.000	28.000	24.000
861	PRINTING TRADES	6	7.500	2.167	8.000	18.167	0.333	35.500	26.833	30.500	18.833	28.333	22.667
864	DRAFTSMAN	4	6.500	2.000	7.500	11.000	0.750	51.000	28.500	34.750	19.500	29.750	29.250
865	PHOTOGRAPHY	4	4.500	2.250	5.250	13.500	0.500	49.000	19.000	46.750	22.000	22.500	20.750
866	INTERIOR DECORATOR	21	7.571	2.000	6.048	14.143	0.667	42.952	29.619	32.429	18.238	29.286	29.762
867	LANDSCAPE ARCHIT	2	9.000	0.500	3.000	16.000	1.000	54.000	33.000	37.500	17.500	30.500	17.500
868	CLTHNG & FASH TRADES	50	6.080	1.140	5.440	11.960	0.380	35.040	25.320	26.080	17.800	26.320	21.720
871	DIETITIAN	22	7.909	1.773	6.091	16.455	0.864	57.227	33.818	34.273	21.000	32.000	26.045
872	HOME ECONOMIST	30	7.667	2.133	5.800	16.367	0.800	45.367	31.600	36.333	20.100	29.333	26.167
873	AIRLN STEWRD, STEWRDESS	13	7.308	2.154	6.000	13.308	0.538	40.308	24.615	28.308	20.308	29.154	24.923
881	FOOD & BEVERAGE PREP	5	4.200	0.800	5.400	18.800	0.0	27.200	22.800	29.000	16.800	23.800	26.200
891	MISC PERSONAL SERV	28	5.500	0.643	4.786	11.000	0.0	27.643	21.500	23.929	17.071	24.786	21.250
893	HAIRDRESSER	196	6.184	1.352	5.449	11.832	0.173	30.515	23.719	23.811	17.296	25.689	22.041
894	PRACTICAL NURSE	118	5.907	1.373	4.898	12.068	0.373	36.381	24.169	29.508	17.712	26.492	22.288
895	NURSES' AIDE	23	6.348	1.652	6.261	13.957	0.435	36.304	25.652	35.043	19.261	27.391	23.957
896	DOMESTIC SERVICE	4	5.500	2.000	3.750	14.250	0.250	31.500	19.250	25.250	19.500	26.000	17.000
899	GENERAL LABORER	76	5.592	1.132	4.816	12.000	0.145	26.408	24.579	23.066	14.342	26.118	20.829
	TOTAL	14703	6.402	1.542	5.579	13.416	0.483	41.123	28.468	28.766	18.332	28.159	25.034

TABLE 1.4 (continued)

#	GROUP	N	STANDARD DEVIATIONS										
			STUDENT ACTIVITIES INVENTORY (CONTD.)				STUDENT INFORMATION BLANK SCALES						
			CULTURE	LEADERSHIP	SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS
			R-607	R-608	R-609	R-610	D-802	F-803	P-820	F-822	F-823	P-827	P-828
534	JRNLST/RPRTER	21	2.519	1.553	3.310	6.252	0.470	15.571	10.904	19.232	5.365	3.735	4.541
536	PUBLISHER, ETC.	5	2.168	1.483	3.391	5.675	0.548	23.647	10.784	14.071	1.924	9.017	5.119
537	EDITOR	8	1.832	1.414	2.315	4.811	0.0	14.232	6.568	17.609	4.406	6.346	6.866
539	TRNSLTR, INTRPRTR, LINGST	3	2.571	2.121	3.206	6.438	0.441	7.984	7.311	16.823	4.410	2.958	9.487
541	FINE ARTS	31	2.216	1.543	2.589	5.208	0.486	15.436	7.256	15.003	6.705	5.065	8.751
545	COMM ARTIST	41	2.201	1.659	2.695	5.453	0.494	14.760	8.751	13.080	5.694	5.261	9.188
547	DESIGNER (CONS GDS)	5	1.140	1.304	2.608	3.578	0.447	14.822	9.110	17.456	3.975	6.458	4.183
551	MUSICIAN	11	2.901	0.924	2.401	6.166	0.467	11.400	6.758	19.496	6.577	4.191	5.419
552	SINGER	5	2.345	1.517	1.483	9.747	0.548	14.066	12.884	21.879	7.057	5.595	10.738
559	MUSIC-REL (MISC)	9	1.732	0.782	2.646	4.924	0.500	14.937	9.619	10.817	5.388	3.708	11.292
560	DANCER, CHOREOG	14	1.499	1.204	2.758	4.565	0.519	18.245	10.329	8.837	7.152	3.647	8.980
571	ACTOR	6	1.862	1.633	2.563	4.633	0.408	9.543	5.857	17.612	4.676	5.854	10.685
575	THEATRE ((OTHER)	14	1.718	1.664	2.796	4.388	0.267	12.247	7.590	15.136	5.036	5.405	6.120
579	MISC PERF ARTS	3	1.155	0.577	2.082	5.292	0.577	23.714	1.000	18.248	5.196	4.041	4.041
581	MODEL	4	2.449	1.732	2.754	7.234	0.577	13.796	5.944	19.942	2.309	6.137	5.852
621	RECREATION DIR	12	1.528	1.832	2.406	5.178	0.652	11.468	10.812	16.887	5.915	4.997	9.180
622	CMPNG, SCTNG, PRK GD	3	2.646	0.577	1.000	4.359	0.0	5.132	8.387	5.859	7.371	1.528	4.041
639	FARMING (OTHER)	6	2.994	1.472	2.944	5.317	0.408	14.016	14.190	5.955	4.082	3.347	12.728
711A	BANKING & FINANCE, I	30	1.919	1.437	2.869	5.340	0.346	12.663	9.732	18.505	5.224	3.657	8.374
711B	BANKING & FINANCE, II	4	0.957	1.414	1.258	7.974	0.500	12.517	7.257	14.431	5.795	3.096	11.225
712	INVSTMNT, STOCK CONSULT	2	1.414	0.707	2.828	2.121	0.707	32.527	5.657	9.899	4.950	0.707	1.414
716	CPA	25	2.084	1.579	2.656	6.311	0.510	16.590	9.954	18.287	6.862	6.178	9.392
717	ACCTANT (EXC CPA)	50	2.204	1.537	2.631	5.345	0.490	12.927	9.755	16.775	5.281	4.497	9.191
721	PURCHASING AGENT	4	1.414	1.915	2.363	2.872	0.0	7.703	7.932	13.379	7.832	1.155	8.617
722	RETAIL BUYER	24	2.000	1.279	2.428	4.945	0.442	13.357	8.858	12.597	4.704	4.222	7.878
724	ADVERTISING	32	1.807	1.884	2.639	6.157	0.440	14.760	8.780	16.465	6.754	4.782	8.219
725	PUBLIC RELATIONS	16	2.136	1.181	2.810	4.004	0.479	19.092	9.270	17.029	6.049	5.214	11.331
726	PERSONNEL ADMIN	25	1.716	1.749	3.193	4.973	0.408	15.164	9.907	15.079	6.545	5.431	8.825
727	APPRAISING, ESTIMATING	12	2.869	0.855	3.226	5.843	0.439	14.756	9.209	14.891	4.090	4.902	7.373
728	LOAN/CREDIT INVESTIG	11	2.191	1.183	2.071	6.294	0.405	15.749	8.549	19.258	3.585	5.644	7.040
730	BUS MGMT ADM (NEC)	19	2.294	1.600	2.219	5.092	0.513	16.287	8.415	19.965	5.687	5.457	9.070
732	WHSL/RET TRADE MGMT/MKTG	12	3.204	1.765	3.099	6.530	0.492	14.601	8.096	14.216	5.429	6.771	10.855
738	SUPERVISOR IN BUS	8	1.959	2.204	4.190	6.118	0.463	9.196	11.260	11.862	4.536	4.367	7.231
741	SALESCLERK	34	2.036	1.371	2.798	4.846	0.171	11.932	8.553	19.499	5.731	3.987	7.994
743	STOCKBROKER	4	3.202	1.732	2.630	6.131	0.0	4.761	6.272	22.911	3.109	4.856	13.820
745	REAL ESTATE SLSMAN	6	2.401	1.751	1.033	7.360	0.548	14.749	6.121	19.934	5.125	9.585	8.756
746	INSURANCE SLSMAN	5	1.643	1.304	2.828	5.320	0.447	1.673	12.341	13.050	5.357	4.266	7.603
748	OTHER SLSMAN (NEC)	13	2.127	1.548	2.465	4.768	0.506	12.358	10.093	15.153	6.936	4.352	8.789
749	SALES MGR	2	0.707	0.0	0.707	4.243	0.0	7.071	2.121	2.828	1.414	7.071	17.678
751	BOOKKEEPER	131	2.058	1.351	2.858	5.376	0.388	12.820	9.019	16.663	5.951	5.011	8.741
752	TELLER OR BANK CLRK	37	2.126	1.502	2.970	5.461	0.417	13.535	7.270	17.703	4.831	5.428	8.661
753	CASHIER	17	1.967	1.166	2.461	3.951	0.507	16.956	8.391	18.457	5.520	4.516	7.667
755	MISC ACCT RECDG	64	2.092	1.127	2.600	5.125	0.467	15.320	9.404	17.486	5.336	4.212	8.517
756	KEYPUNCH OP	93	2.079	1.200	2.464	4.860	0.397	13.819	7.226	16.671	6.743	5.841	9.054
757	KEYPUNCH INSTRUC	4	0.816	1.155	2.380	4.509	0.500	18.430	12.689	19.374	3.000	3.742	9.179
758	COMPUTER OP	65	2.281	1.216	3.005	5.294	0.443	13.333	9.287	17.594	7.119	5.562	8.835
761	SECRETARY (NEC)	997	2.253	1.467	2.680	5.182	0.440	13.840	8.986	16.716	5.708	5.084	8.519
762	SECRETARY-BOOKKEEPER	23	2.378	1.783	2.816	5.156	0.388	12.427	9.580	16.176	5.723	4.005	8.847
763	MED/DENT SECRETARY	47	2.325	1.461	3.039	5.540	0.486	14.775	8.356	16.202	4.350	4.686	7.643
764	LEGAL SECRETARY	51	2.102	1.509	3.012	5.811	0.473	14.375	9.295	15.222	5.341	5.063	9.056
765	STENO, CRT RPRTR	69	2.027	1.332	2.158	4.955	0.382	13.279	9.782	16.431	5.773	5.649	10.486
766	TYPIST, CLERK TYPIST	103	2.085	1.242	2.414	5.033	0.373	11.671	8.690	16.375	6.287	5.503	8.632
768	PROOFREADER	2	0.0	2.121	0.707	6.364	0.0	16.971	22.627	13.435	1.414	5.657	7.071
769	CLERK (MISC)	137	2.111	1.116	2.509	4.831	0.375	12.703	9.037	16.713	6.474	4.939	8.572
771	OFFICE SUPERVISOR	14	1.697	1.158	2.530	6.407	0.426	15.472	12.839	15.108	5.395	5.890	10.231
772	OFFICE MGR	5	1.483	0.707	2.588	2.588	0.0	8.258	7.403	15.482	6.723	3.347	11.077
781	PHONE, PBX OP	45	2.198	1.196	2.212	5.542	0.387	14.013	7.407	15.945	6.925	4.765	9.242
789	OTHER "PUB CONT" OCCS	58	2.428	1.581	2.660	5.274	0.489	16.029	9.090	16.089	5.914	6.148	8.648
791	RADIO, TELEGR, TTY OP	4	1.258	0.500	1.291	5.909	0.500	14.491	9.323	16.361	4.320	5.598	6.994
797	MISC CLERICAL	12	2.301	1.084	3.088	5.750	0.289	12.544	8.854	13.859	5.622	7.818	11.924
798	MISC ADMINISTRATIVE	17	1.912	1.732	2.611	5.330	0.493	17.303	7.591	18.982	7.785	4.145	8.579
833	METAL TRADES	2	2.828	2.121	2.828	7.071	0.0	2.121	2.828	19.607	8.485	4.243	8.485
861	PRINTING TRADES	6	1.761	1.835	1.673	4.997	0.516	9.628	8.035	18.609	6.524	5.241	9.647
864	DRAFTSMAN	4	2.517	1.826	1.915	7.572	0.500	16.693	8.583	19.772	1.291	5.123	11.087
865	PHOTOGRAPHY	4	4.041	2.217	3.594	7.326	0.577	18.000	6.055	15.586	4.082	7.141	8.500
866	INTERIOR DECORATOR	21	1.720	1.517	2.459	5.033	0.483	15.641	10.327	15.240	5.118	4.496	9.879
867	LANDSCAPE ARCHIT	2	0.0	0.707	1.414	8.485	0.0	2.828	7.071	14.849	3.536	2.121	3.536
868	CLTHNG & FASH TRADES	50	2.275	1.195	2.177	4.729	0.490	15.926	10.483	19.960	7.527	4.605	8.256
871	DIETITIAN	22	1.875	1.771	2.635	4.372	0.351	7.387	11.512	20.585	4.298	4.515	7.221
872	HOME ECONOMIST	30	1.788	1.676	2.441	4.803	0.407	12.577	8.240	17.091	5.313	4.420	7.666
873	AIRLN STEWRD, STEWRDESS	13	2.496	1.463	3.342	4.973	0.519	14.091	9.465	15.548	5.468	3.387	9.296
881	FOOD & BEVERAGE PREP	5	2.950	0.837	0.894	4.919	0.0	15.222	7.259	24.990	9.834	3.115	5.263
891	MISC PERSONAL SERV	28	1.915	0.678	2.998	5.591	0.0	7.982	6.658	15.026	7.092	5.934	9.980
893	HAIRDRESSER	196	2.085	1.274	2.524	4.565	0.380	11.705	7.891	15.870	6.223	4.730	7.979
894	PRACTICAL NURSE	119	2.346	1.535	2.433	5.193	0.486	13.033	8.090	17.751	5.717	4.839	8.853
895	NURSES' AIDE	23	2.551	1.722	2.848	5.489	0.507	18.187	10.538	22.963	6.489	5.952	10.320
896	DOMESTIC SERVICE	4	2.887	2.160	0.957	5.909	0.500	10.116	6.702	17.727	6.758	4.243	5.715
899	GENERAL LABORER	76	2.305	1.226	2.189	4.866	0.354	14.017	10.055	16.346	7.342	5.226	7.939
	TOTAL	14723	2.242	1.505	2.717	5.386	0.502	16.450	9.583	16.941	5.968	5.163	8.953

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TABLE 1.4 (continued)

#	GROUP	N	MEANS									
			STUDENT INFORMATION BLANK SCALES (CONTD.)									
			SELF-PERCEP OF RDNG SKILLS	AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			P-829	F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
000	NO ANSWER	1639	24.717	33.197	34.168	22.218	48.641	22.486	10.838	17.544	47.937	15.584
001	DON'T KNOW	262	24.809	35.589	32.279	20.996	49.313	22.092	11.267	15.385	46.424	15.168
010	HOUSEWIFE	4635	24.004	30.815	32.173	21.026	47.877	22.057	11.186	17.496	50.848	16.236
020	NO SPEC INCOME JOB	14	25.071	26.357	34.714	22.214	42.071	19.286	8.429	14.143	48.071	9.786
101	EXECUTIVE (NEC)	2	29.000	20.000	35.000	26.500	56.500	30.000	10.000	28.000	43.000	14.500
102	FOREMAN (NEC)	3	26.333	53.000	40.000	25.000	73.667	30.667	14.333	21.333	38.667	19.000
111	WORK FOR GOVT (NEC)	30	27.567	39.933	35.000	23.467	46.800	23.600	10.800	22.567	44.300	13.800
112	IN BUS FOR SELF (NEC)	18	26.333	38.167	38.333	28.444	53.056	26.500	11.500	25.167	49.722	17.667
120	IND, BUS, COMM	35	22.457	26.086	29.429	19.057	45.143	21.286	12.943	18.429	49.143	16.171
121	RETAIL (NEC)	7	27.143	48.286	35.714	28.286	51.571	22.857	10.429	17.714	48.143	12.571
122	TRANSPORTATION (NEC)	5	24.400	18.200	34.400	22.200	55.600	28.800	14.800	25.600	56.800	15.400
123	REAL ESTATE (NEC)	2	22.500	40.500	50.000	32.500	53.500	30.500	17.500	15.000	44.500	22.500
124	INSURANCE (NEC)	13	28.615	37.385	38.308	24.385	49.231	22.769	11.615	18.769	47.692	14.923
125	ELECTRONICS (NEC)	3	26.000	57.667	13.333	8.000	51.000	23.333	10.000	8.667	40.000	18.333
140	"WRK WTH PEOPLE" (NEC)	8	25.750	51.875	38.750	26.375	60.750	32.500	13.875	19.625	49.000	14.625
141	"WRK WITH CHILDR" (NEC)	14	25.143	36.714	41.286	20.429	51.214	24.643	9.571	21.000	42.571	15.143
150	RESEARCH	6	28.333	31.667	31.667	22.500	43.333	19.500	13.500	25.167	43.667	16.833
211	MATH, STAT	8	25.375	51.000	31.250	23.250	47.250	21.125	10.625	27.750	40.875	15.500
212	OTHER STATISTICS	5	29.600	53.400	50.000	37.000	54.800	25.400	8.000	13.600	34.400	11.800
221	SYSTEMS ANALYST	8	30.500	45.500	38.000	27.250	55.750	27.875	13.500	26.250	44.625	18.375
222	COMPUTER PROGRAMMER	45	26.889	43.222	37.244	26.778	49.800	22.267	11.711	19.644	46.333	15.133
229	COMPUTER SPEC (NEC)	7	26.714	45.429	37.143	25.143	54.286	22.571	16.286	20.143	52.000	15.286
231	CHEMIST	25	32.720	46.120	35.880	24.760	52.200	22.480	9.920	19.920	45.520	14.200
234	GEOLOGIST	2	32.500	47.500	35.000	28.000	67.000	35.000	12.000	7.500	48.000	17.500
241	CIVIL ENGINEER	2	30.000	31.500	40.000	30.000	47.000	20.000	12.500	14.000	50.000	16.000
245	CHEM ENGINEER	2	31.500	75.000	35.000	25.500	43.500	17.000	13.500	23.000	34.500	16.500
299	PHYS SCI, LAB TECH	23	27.261	37.522	36.087	24.609	54.435	21.783	12.087	20.043	47.217	14.087
310	BIOLOGIST, ZOOLOGIST	14	29.286	55.571	40.714	26.214	52.786	23.429	11.571	19.000	43.786	13.714
314	WLDLF/FOREST SPEC	2	37.500	37.500	20.000	3.500	56.500	19.500	9.000	3.000	24.000	4.500
315	PHARMACOLOGIST	2	32.500	40.000	30.000	17.000	57.000	28.000	19.500	24.500	46.000	10.500
316	MICROBIOLOGIST	15	31.967	43.133	43.333	32.733	58.267	29.400	13.933	19.133	45.133	15.133
317	BIOCHEMIST	7	32.857	55.857	34.286	26.000	51.429	23.857	14.857	21.000	45.000	13.429
319	OTHER CHEM SCI	8	24.000	54.375	38.750	27.000	59.500	28.125	14.750	18.750	44.125	12.250
329	MD-OTHER	19	31.000	50.737	40.158	25.579	61.737	28.632	13.263	22.158	41.684	15.632
333	VETERINARIAN	4	31.250	52.500	40.000	25.000	58.500	29.500	12.000	13.750	30.000	14.000
335	PHARMACIST	16	27.750	41.563	35.250	27.188	51.188	23.250	10.313	24.188	43.688	14.563
337	RN	703	26.518	37.654	36.832	26.090	51.037	23.755	12.218	20.714	47.048	16.321
341	DENTAL HYGIENIST	28	24.607	33.179	37.857	25.750	47.000	22.000	12.679	20.857	50.607	13.214
343	PHYS THERAPIST	16	25.938	40.125	41.250	30.563	54.875	24.688	15.813	23.500	53.938	17.875
344	OCCUP THERAPIST	13	26.000	44.615	32.154	21.231	54.769	27.846	11.462	21.385	44.615	15.538
346	SPEC THERAPIST (MISC)	19	29.211	41.684	44.737	33.737	54.053	26.316	12.368	25.368	49.526	16.632
347	MED/DENT TECHNOL	101	26.723	38.525	37.149	26.277	51.713	23.931	10.683	18.446	47.614	16.109
348	MED/DENT TECHNICIAN	134	24.201	37.045	35.298	24.575	52.754	24.060	11.649	19.425	46.649	16.351
360	PSYCHOLOGIST	37	29.784	51.108	42.270	27.784	49.595	22.946	11.216	21.459	51.108	14.108
369	PSYCH RES ASST	2	32.000	64.500	55.000	37.000	83.500	39.000	11.000	32.000	38.000	18.000
370	SOCIAL WORKER	106	27.689	40.358	41.179	29.021	51.095	23.195	11.400	22.874	46.611	13.726
371	PSYCHIATRIC SOC WRKR	18	31.056	55.500	39.667	28.833	49.889	24.056	13.278	23.500	52.278	13.111
372	COUNSELING/GUIDANCE	16	30.250	45.313	43.750	29.750	49.875	21.063	13.000	19.250	44.938	11.938
373	VOC/ED GUIDANCE	32	29.281	36.719	36.031	25.875	43.594	21.375	11.781	20.563	50.125	14.656
382	ECONOMIST	4	29.750	57.000	30.750	21.000	56.750	22.000	12.000	19.250	50.000	15.000
383	SOCIOLOGIST	2	31.500	55.000	35.000	25.000	43.500	17.500	9.000	22.500	39.500	10.000
384	ANTHROPOLOGIST	5	31.600	42.200	42.000	32.200	61.000	28.600	12.400	26.400	42.000	12.000
389	SOCIAL SCI (MISC)	7	35.000	63.571	47.143	32.143	47.000	22.571	11.143	23.857	43.857	10.857
391	POLITICIAN	2	27.500	45.000	35.000	22.000	46.500	17.500	12.000	35.000	47.000	13.500
392	DIPLOMAT	8	33.500	57.000	47.500	33.625	55.500	26.500	12.625	13.750	51.250	18.375
393	LAWYER	13	29.769	52.462	43.846	30.923	53.462	25.385	11.923	21.615	49.846	11.769
397	PUBLIC ADM (NEC)	2	27.000	40.000	65.000	48.000	46.500	15.500	12.500	14.500	33.000	6.000
400	TEACHER (NEC)	1194	26.773	37.642	37.643	26.827	49.508	22.966	11.921	21.240	46.925	14.876
410	TCHNG YNG CHILDR	7	28.714	48.857	31.429	21.429	51.429	25.714	13.571	18.143	43.143	15.429
411	TCHNG PRESCH CHILDR	37	28.541	36.541	34.216	25.189	48.135	22.730	11.892	20.054	49.459	15.351
412	TEACHER-ELEM	752	26.241	36.622	38.782	27.858	51.697	24.331	11.636	21.559	46.557	15.114
420	TEACHER-HS (NEC)	89	28.236	41.169	36.112	25.843	49.056	22.629	11.708	21.888	46.562	13.483
421	TEACHER-HS MATH	62	24.242	38.258	39.355	28.065	55.790	25.758	12.210	20.903	49.452	15.032
422	TEACHER-HS SCI	41	29.537	49.439	34.488	24.512	52.098	24.610	12.732	25.854	43.024	15.293
423	TEACHER-HS SOC ST	68	29.044	42.676	37.118	25.794	46.118	21.882	11.995	21.603	47.765	14.618
424	TEACHER-ENGLISH	150	29.487	44.580	38.893	28.040	48.180	21.560	11.127	22.187	49.380	15.327
425	TEACHER-FOREIGN LANG	58	28.207	39.983	39.155	28.414	47.672	22.138	11.362	19.879	45.534	13.000
426	TEACHER-COMM ED	50	24.540	33.340	39.680	27.560	50.100	22.640	11.360	21.460	50.300	15.100
427	TEACHER-HS HOME EC	63	24.746	35.254	36.571	28.095	57.746	27.921	11.508	24.063	47.444	15.619
428	TEACHER-TRADES	2	26.000	22.000	55.000	38.500	63.500	36.500	13.500	32.000	42.000	15.500
429	TEACHER-PHYS ED	44	24.364	37.432	39.545	27.636	52.250	22.727	17.568	26.091	47.977	13.864
431	TEACHER-ART	51	25.961	36.804	38.431	28.706	58.745	31.647	12.569	20.686	47.490	14.725
432	TEACHER-MUSIC	58	26.362	32.310	42.017	32.897	50.603	23.638	10.362	24.259	49.017	15.034
433	TEACHER-SPEECH	4	31.750	34.750	37.500	25.250	40.500	19.250	11.250	26.500	41.500	11.250
440	TEACHER-HANDICAPPED	60	28.300	41.050	39.600	27.783	51.467	24.517	12.467	21.117	46.100	15.383
441	SPEECH THERAPIST	40	27.050	40.850	39.825	29.375	47.225	22.650	12.400	21.050	50.575	13.425
450	SCH ADM (EXC COLL)	9	30.556	41.111	50.000	38.000	55.556	26.333	13.667	30.889	51.556	18.333
460	COLL/UNIV TCHR (NEC)	90	29.500	46.411	40.011	28.567	54.633	26.400	12.389	20.333	45.967	15.167
461	COLL/UNIV TCHR-MATH	8	30.875	54.125	37.500	30.500	49.500	24.000	11.250	20.375	45.000	12.250
462	COLL/UNIV TCHR-SCI	20	29.850	55.450	35.600	22.700	48.350	20.900	10.600	24.400	38.500	13.800
463	COLL/UNIV TCHR-SOC SCI	25	33.400	57.320	38.000	28.560	49.280	22.440	11.200	24.520	45.760	14.040
464	COLL/UNIV TCHR-ENGLISH	49	31.143	51.082	36.163	26.837	47.531	22.163	10.265	24.918	46.000	13.245
465	COLL/UNIV TCHR-FOR LANG	21	30.048	43.190	41.429	29.381	52.190	25.714	12.524	19.905	47.000	13.619
470	COLL/UNIV TCHR-ADM	2	31.500	47.000	25.000	17.000	50.000	25.500	12.500	16.000	45.000	7.000
511	LIBRARIAN	54	29.648	52.278	33.889	22.444	49.796	21.463	9.889	19.500	43.148	15.778
521	CLERGYMAN	8	27.875	43.250	32.500	26.000	51.625	25.750	11.500	15.625	45.125	14.625
522	MONK, BROTHER, NUN	46	26.543	41.478	38.783	27.457	51.174	22.087	12.435	21.261	40.652	18.913
523	RELIG WRKR (OTHER)	36	27.056	39.611	29.806	22.056	50.528	23.833	11.444	19.583	39.444	15.889
531	WRITER (NEC)	31	29.806	49.645	37.419	26.871	54.548	26.129	11.516	20.968	48.903	16.194
532	FICTION WRITER	3	25.667	39.667	30.000	24.000	77.667	33.000	10.333	27.000	46.000	12.333
533	NONFIC WRTR (EXC JRNLST)	5	23.800	47.200	44.000	32.800	57.200	26.400	13.200	18.200	45.600	16.200

TABLE 1.4 (continued)

#	GROUP	N	STANDARD DEVIATIONS									
			STUDENT INFORMATION BLANK SCALES (CONTD.)									
			SELF-PERCEP OF RDNG SKILLS	AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			P-829	F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
000	NO ANSWER	1639	7.804	21.150	19.933	15.264	16.515	9.878	5.133	13.697	13.835	6.952
001	DON'T KNOW	262	8.121	21.557	18.586	14.837	16.606	9.709	5.150	13.564	14.015	7.138
010	HOUSEWIFE	4695	7.926	20.049	17.475	13.382	15.731	9.225	4.885	13.560	11.434	7.033
020	NO SPEC INCOME JOB	14	7.879	21.872	26.237	17.317	16.055	9.611	5.244	12.967	12.628	7.018
101	EXECUTIVE (NEC)	2	5.657	14.142	7.071	10.607	4.950	11.314	5.657	19.799	4.243	10.607
102	FOREMAN (NEC)	3	5.132	22.068	36.056	21.703	11.547	11.240	9.815	15.631	2.082	5.568
111	WORK FOR GOVT (NEC)	30	8.232	21.947	17.763	14.853	15.882	11.178	5.616	13.781	12.279	6.077
112	IN BUS FOR SELF (NEC)	13	7.677	23.796	20.073	17.574	11.899	7.517	4.382	10.988	16.574	6.039
120	IND, BUS, COMM	35	8.743	17.557	18.934	13.128	17.195	8.959	5.374	12.486	14.101	6.968
121	RETAIL (NEC)	7	4.488	17.066	13.973	13.537	10.722	6.414	5.381	6.130	9.651	7.458
122	TRANSPORTATION (NEC)	5	9.290	13.461	8.173	9.445	15.126	7.085	5.404	19.087	7.259	7.403
123	REAL ESTATE (NEC)	2	0.707	21.920	28.284	20.506	9.192	16.263	9.192	21.213	3.536	4.950
124	INSURANCE (NEC)	13	6.764	23.828	21.005	15.014	19.888	12.676	6.076	15.314	9.776	6.357
125	ELECTRONICS (NEC)	3	3.464	27.538	5.774	6.000	10.149	11.015	7.000	10.263	5.568	6.028
140	"WRK WTH PEOPLE" (NEC)	8	10.990	23.643	8.345	9.620	12.601	7.231	6.034	16.080	7.635	4.534
141	"WRK WITH CHILDR" (NEC)	14	10.458	22.141	20.719	18.207	18.556	14.345	6.936	13.801	20.971	6.407
150	RESEARCH	5	6.919	17.671	7.528	10.877	7.062	6.745	5.431	16.005	12.754	4.491
211	MATH, STAT	8	10.239	20.487	9.910	9.953	14.782	7.338	4.596	14.791	18.689	5.555
212	OTHER STATISTICS	5	10.015	31.879	12.247	14.560	15.834	14.910	2.121	10.015	18.393	7.085
221	SYSTEMS ANALYST	8	6.887	26.153	11.856	7.797	7.246	10.035	2.507	10.833	8.895	6.435
222	COMPUTER PROGRAMMER	45	8.113	25.303	19.722	16.495	13.392	8.416	6.345	12.794	13.725	6.525
229	COMPUTER SPEC (NEC)	7	10.657	12.109	16.036	13.496	9.878	3.645	4.786	16.975	9.967	6.047
231	CHEMIST	25	4.373	20.803	14.726	12.184	14.350	7.562	4.554	13.025	12.617	6.232
234	GEOLOGIST	2	0.707	47.376	21.213	16.971	0.0	1.414	2.828	0.707	1.414	4.950
241	CIVIL ENGINEER	2	0.0	10.607	28.284	25.456	28.284	11.314	2.121	11.314	11.314	4.243
245	CHEM ENGINEER	2	9.192	5.657	7.071	0.707	23.335	14.142	6.364	24.042	7.778	4.950
299	PHYS SCI, LAB TECH	23	6.784	27.211	16.986	13.954	16.992	8.628	5.107	15.572	11.229	6.788
310	BIOLOGIST, ZOOLOGIST	14	8.081	22.688	12.688	10.282	19.482	10.097	5.971	9.207	8.746	6.402
314	WLDLF/FOREST SPEC	2	3.536	0.707	14.142	2.121	4.950	7.778	1.414	4.243	26.870	6.364
315	PHARMACOLOGIST	2	0.707	15.556	14.142	7.071	14.142	15.556	6.364	20.506	11.314	0.707
316	MICROBIOLOGIST	15	6.034	20.507	17.593	14.395	17.690	11.044	4.964	11.090	8.501	6.457
317	BIOCHEMIST	7	6.414	17.893	9.759	7.394	7.323	5.610	4.634	16.523	14.271	7.068
319	OTHER CHEM SCI	9	8.401	25.790	14.577	13.596	21.085	9.687	4.062	12.372	5.817	6.944
329	MD-OTHER	19	7.180	21.194	12.518	11.379	17.317	8.952	6.261	13.022	14.724	6.273
333	VETERINARIAN	4	7.676	22.113	0.0	6.683	12.767	9.399	5.831	8.539	16.062	5.944
335	PHARMACIST	16	4.683	24.698	11.705	11.059	8.589	7.047	4.868	9.765	11.932	6.752
337	RN	703	7.283	20.187	16.079	13.511	15.396	8.919	4.547	12.396	11.478	6.673
341	DENTAL HYGIENIST	28	8.439	22.854	11.007	9.602	16.228	8.965	5.011	13.040	7.950	6.391
343	PHYS THERAPIST	16	6.608	15.500	14.549	12.005	13.326	6.447	5.868	14.765	7.496	6.582
344	OCCUP THERAPIST	13	7.461	23.779	12.922	12.208	15.849	10.098	4.539	9.786	12.128	8.618
346	SPEC THERAPIST (MISC)	19	5.769	19.163	19.255	17.981	15.079	10.478	5.649	14.139	7.919	8.064
347	MED/DENT TECHNOL	101	7.598	22.049	14.833	12.235	14.576	8.949	4.602	12.130	11.757	6.835
348	MED/DENT TECHNICIAN	134	7.804	21.021	18.514	14.577	16.647	9.200	4.197	14.125	13.292	7.265
360	PSYCHOLOGIST	37	6.378	23.682	16.181	12.277	14.041	7.692	5.391	13.541	10.684	5.938
369	PSYCH RES ASST	2	0.0	30.406	21.213	32.527	4.950	0.0	9.899	16.971	4.243	1.414
370	SOCIAL WORKER	190	7.363	20.455	14.186	11.307	14.794	8.226	5.075	12.748	12.976	6.537
371	PSYCHIATRIC SOC WRKR	18	6.494	21.446	15.930	14.626	15.488	9.440	4.873	12.687	8.456	6.712
372	COUNSELING/GUIDANCE	16	7.895	18.856	11.475	9.066	14.669	5.567	5.266	11.767	14.234	6.413
373	VOC/ED GUIDANCE	32	7.323	19.283	12.372	10.518	15.360	8.706	4.844	11.333	9.083	7.601
382	ECONOMIST	4	9.251	24.468	17.193	11.372	17.576	8.042	1.826	6.292	8.327	5.228
383	SOCIOLOGIST	2	12.021	21.213	7.071	1.414	4.950	2.121	5.657	0.707	12.021	1.414
384	ANTHROPOLOGIST	5	10.691	27.608	21.679	15.205	18.069	9.503	4.506	7.537	9.055	5.099
389	SOCIAL SCI (MISC)	7	3.830	16.236	12.536	7.515	10.017	7.850	2.911	12.562	12.130	6.309
391	POLITICIAN	2	7.778	8.485	7.071	2.828	9.192	10.607	8.485	7.071	1.414	3.536
392	DIPLOMAT	8	5.880	23.360	18.322	17.695	15.353	8.652	3.378	9.603	10.138	5.449
393	LAWYER	13	9.584	19.398	18.046	16.080	17.140	11.522	5.155	7.741	9.616	6.894
397	PUBLIC ADM (NEC)	2	12.728	42.426	7.071	8.485	19.092	0.707	2.121	6.364	24.042	4.243
400	TEACHER (NEC)	1194	7.076	20.401	15.419	13.033	14.587	9.054	5.009	12.685	11.998	6.700
410	TCHNG YNG CHILDR	7	5.529	13.347	15.736	13.151	14.258	9.304	4.614	13.789	13.005	5.192
411	TCHNG PRESCH CHILDR	37	4.981	21.992	15.739	12.862	16.603	7.167	4.909	13.505	7.574	6.705
412	TEACHER-ELEM	752	7.227	20.422	15.807	13.274	14.166	9.091	4.822	12.646	11.240	6.561
420	TEACHER-HS (NEC)	89	6.740	21.239	13.387	12.297	13.860	8.140	4.536	12.627	12.207	6.971
421	TEACHER-HS MATH	62	9.413	21.101	11.576	11.193	16.181	8.625	5.286	10.231	9.646	6.826
422	TEACHER-HS SCI	41	6.201	21.877	19.281	13.054	11.360	6.414	5.162	13.457	15.899	6.443
423	TEACHER-HS SOC ST	68	7.396	18.536	14.341	11.911	13.203	8.584	5.352	12.206	11.062	6.189
424	TEACHER-ENGLISH	152	6.707	21.549	16.856	12.417	14.713	8.082	4.617	12.198	11.001	6.048
425	TEACHER-FOREIGN LANG	58	8.819	20.785	14.502	13.131	14.981	9.480	4.997	13.445	12.253	7.479
426	TEACHER-COMM ED	50	7.749	19.914	12.298	9.245	12.050	9.073	3.543	10.765	11.750	5.894
427	TEACHER-HS HOME EC	63	7.756	21.557	16.099	13.127	12.001	7.629	4.680	12.510	13.605	6.736
428	TEACHER-TRADES	2	12.728	2.828	21.213	2.121	23.335	17.678	10.607	11.314	0.0	6.364
429	TEACHER-PHYS ED	44	8.353	24.746	13.969	12.164	15.573	8.303	4.117	11.291	12.020	7.014
431	TEACHER-ART	51	7.558	20.034	15.526	13.646	12.103	9.004	4.392	12.199	11.373	6.969
432	TEACHER-MUSIC	58	7.772	18.277	16.433	13.429	13.899	8.655	4.686	11.814	8.695	6.505
433	TEACHER-SPEECH	4	13.226	20.662	5.000	5.965	8.813	6.449	3.403	7.416	8.505	7.890
440	TEACHER-HANDICAPPED	60	7.139	19.591	16.492	13.425	17.834	8.871	4.959	12.626	10.452	6.156
441	SPEECH THERAPIST	40	8.762	16.054	17.133	14.327	15.433	9.410	5.118	12.736	7.089	7.383
450	SCH ADM (EXC COLL)	9	4.419	21.740	15.000	13.820	16.087	10.677	5.657	12.840	6.598	7.746
460	COLL/UNIV TCHR (NEC)	90	7.590	22.709	15.595	13.631	14.834	9.928	5.227	11.119	10.344	6.659
461	COLL/UNIV TCHR-MATH	9	4.883	28.866	18.322	17.944	9.040	7.483	4.950	14.784	13.617	5.825
462	COLL/UNIV TCHR-SCI	20	9.326	24.317	13.449	11.296	14.387	9.072	4.358	12.462	14.066	6.717
463	COLL/UNIV TCHR-SOC SCI	25	4.950	21.804	18.930	15.075	17.561	9.242	5.362	13.500	12.719	6.079
464	COLL/UNIV TCHR-ENGLISH	49	7.447	22.383	11.639	10.108	12.317	7.369	4.490	13.285	11.382	5.399
465	COLL/UNIV TCHR-FOR LANG	21	6.968	21.416	14.590	12.520	19.033	12.402	3.683	11.610	10.431	4.832
470	COLL/UNIV TCHR-ADM	2	2.121	25.456	7.071	7.071	4.243	0.707	2.121	8.485	0.0	5.657
511	LIBRARIAN	54	6.671	22.456	14.377	11.093	14.756	8.250	4.898	12.662	12.650	7.477
521	CLERGYMAN	8	7.338	18.653	12.817	9.134	14.162	6.042	2.563	10.783	9.761	5.236
522	MONK, BROTHER, NUN	46	6.914	19.504	13.943	11.899	16.343	9.328	4.627	13.773	11.214	6.428
523	RELIG WRKR (OTHER)	36	9.326	20.989	14.724	11.950	14.545	9.126	5.629	13.239	15.068	6.968
531	WRITER (NEC)	31	6.843	22.469	18.613	13.371	19.821	10.327	5.650	13.649	12.752	6.770
532	FICTION WRITER	3	6.351	35.360	10.000	8.718	23.587	10.817	4.041	9.644	1.000	3.512
533	NONFIC WRTR (EXC JRNLST)	5	11.713	14.856	5.477	8.643	20.717	14.775	8.643	15.205	12.915	6.221

TABLE 1.4 (continued)

#	GROUP	N	MEANS									
			STUDENT INFORMATION BLANK SCALES (CONTD.)									
			SELF-PERCEP OF RDNG SKILLS	AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			P-829	F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
534	JRNLST/RPRTER	20	32.350	51.650	35.500	25.850	52.550	23.150	11.950	17.350	51.350	12.250
536	PUBLISHER, ETC.	5	28.400	30.400	30.000	22.600	49.400	20.600	17.600	39.000	47.000	13.400
537	EDITOR	8	27.875	56.375	38.750	29.375	49.750	23.500	12.000	21.125	52.000	12.000
539	TRNSLTR, INTRPRTR, LINGST	9	24.889	46.000	41.111	29.667	63.222	24.889	9.444	26.111	41.778	13.000
541	FINE ARTS	31	26.355	43.355	39.290	25.516	64.032	33.484	13.516	22.613	49.387	13.452
545	COMM ARTIST	41	25.488	34.610	39.268	29.902	58.927	29.049	12.463	20.073	45.878	14.000
547	DESIGNER (CONS GDS)	5	24.600	36.400	36.000	16.800	65.400	35.600	9.400	8.000	53.200	11.000
551	MUSICIAN	11	28.000	52.818	35.455	26.545	55.091	27.273	11.727	30.545	44.909	12.273
552	SINGER	5	19.800	41.000	36.000	27.200	55.800	26.600	12.200	27.600	44.800	8.200
559	MUSIC-REL (MISC)	9	29.333	41.333	34.444	27.778	55.444	29.333	12.778	19.000	37.000	12.556
560	DANCER, CHOREOG	14	26.000	38.714	37.857	23.071	49.000	26.571	11.714	16.714	50.214	15.643
571	ACTOR	6	30.167	39.167	26.667	20.333	52.000	21.500	10.833	25.500	50.000	11.667
575	THEATRE ((OTHER)	14	30.214	43.857	40.000	25.357	49.429	25.000	13.786	21.429	47.786	10.929
579	MISC PERF ARTS	3	31.000	49.333	40.000	32.333	62.333	30.000	17.667	35.333	50.667	14.333
581	MODEL	4	21.000	48.500	52.500	38.750	50.000	28.750	10.750	30.250	48.500	20.250
621	RECREATION DIR	12	28.917	37.917	41.667	28.500	55.833	25.333	15.417	22.750	48.500	14.667
622	CMPNG, SCTNG, PRK GD	3	27.667	41.333	43.333	36.000	66.667	41.333	13.333	35.333	49.000	14.667
639	FARMING (OTHER)	6	18.000	35.000	41.667	26.000	64.167	29.500	15.000	13.833	37.833	17.167
711A	BANKING & FINANCE, I	30	26.100	35.133	37.133	26.667	53.133	24.967	12.267	25.500	50.833	16.967
711B	BANKING & FINANCE, II	4	27.750	31.000	35.000	22.000	45.000	24.250	9.750	9.250	53.250	19.000
712	INVSTMNT, STOCK CONSULT	2	20.000	22.000	25.000	17.000	50.000	22.000	13.500	9.500	48.500	14.000
716	CPA	25	26.080	34.120	33.600	23.920	51.240	23.080	12.680	20.120	48.320	16.440
717	ACCTANT (EXC CPA)	50	25.080	37.160	32.880	21.580	49.660	22.360	11.040	17.260	47.180	16.520
721	PURCHASING AGENT	4	23.250	22.750	33.250	20.500	53.250	23.000	14.750	29.250	50.250	21.000
722	RETAIL BUYER	24	25.083	37.083	38.083	25.333	47.250	22.500	11.333	20.583	49.500	15.333
724	ADVERTISING	32	26.094	39.313	38.312	27.281	45.125	22.563	12.000	21.031	47.938	15.656
725	PUBLIC RELATIONS	16	28.063	36.438	43.500	28.688	55.000	24.125	12.438	21.063	52.563	16.688
726	PERSONNEL ADMIN	25	26.040	41.120	40.920	28.000	51.960	23.880	13.400	25.320	49.880	16.040
727	APPRAISING, ESTIMATING	13	23.154	34.154	28.615	17.231	44.000	19.462	11.615	12.308	42.615	16.308
728	LOAN/CREDIT INVESTIG	11	21.273	33.182	35.455	23.455	52.000	22.182	9.636	13.727	48.455	15.727
730	BUS MGMT ADM (NEC)	19	24.368	30.632	38.421	26.842	52.632	22.789	11.526	19.737	49.105	14.105
732	WHSL/RET TRADE MGMT/MKTG	12	27.167	45.333	36.417	25.500	51.083	25.750	13.000	24.083	52.167	18.667
738	SUPERVISOR IN BUS	8	29.375	49.375	43.750	33.625	55.000	29.750	12.750	20.625	47.250	16.625
741	SALESCLERK	34	22.500	22.412	26.941	16.794	44.647	19.735	9.647	16.824	51.176	17.059
743	STOCKBROKER	4	26.750	45.000	37.500	21.500	45.000	21.500	13.250	19.000	50.750	14.250
745	REAL ESTATE SLSMAN	6	22.167	46.667	43.333	31.333	54.500	26.333	11.500	32.167	53.833	14.500
746	INSURANCE SLSMAN	5	18.600	22.200	36.000	23.800	52.000	20.400	12.200	21.600	58.400	19.000
748	OTHER SLSMAN (NEC)	13	22.077	35.154	38.462	25.231	50.000	18.769	12.154	24.385	52.538	15.154
749	SALES MGR	2	30.000	50.000	45.000	20.000	40.000	21.000	13.500	14.500	53.000	14.000
751	BOOKKEEPER	131	23.481	32.695	32.855	21.595	48.412	23.137	10.863	17.015	48.214	16.672
752	TELLER OR BANK CLRK	37	25.703	31.865	32.432	21.919	46.000	21.054	11.676	21.784	49.378	19.838
753	CASHIER	17	25.353	35.765	34.294	22.824	44.765	21.647	10.294	16.647	47.824	16.529
755	MISC ACCT RECDG	64	25.250	35.469	33.031	21.859	48.984	23.641	12.594	19.078	50.125	17.125
756	KEYPUNCH OP	83	21.976	29.108	30.759	19.084	48.133	21.759	10.627	18.024	48.229	15.518
757	KEYPUNCH INSTRUC	4	23.500	26.250	32.500	26.500	48.250	24.000	6.500	16.500	47.500	14.250
758	COMPUTER OP	65	23.508	28.015	33.708	21.138	49.077	22.062	10.600	17.138	48.062	15.123
761	SECRETARY (NEC)	997	25.151	30.703	34.115	22.766	48.209	21.894	10.866	18.442	48.507	15.891
762	SECRETARY-BOOKKEEPER	23	25.217	28.174	31.913	21.652	43.957	22.087	10.913	19.261	50.478	16.174
763	MED/DENT SECRETARY	47	25.149	33.319	36.234	24.851	50.894	24.511	12.596	19.234	48.851	16.298
764	LEGAL SECRETARY	61	26.574	35.918	35.623	24.836	47.672	22.787	11.967	23.377	49.361	16.770
765	STENO, CRT RPRTR	69	25.942	28.942	33.594	22.391	50.522	23.290	11.000	18.348	47.304	17.290
766	TYPIST, CLERK TYPIST	103	24.427	31.184	31.165	19.350	47.573	20.689	10.058	16.262	47.320	15.175
768	PROOFREADER	2	15.000	26.000	25.000	14.500	72.000	22.000	12.000	4.000	32.000	7.000
769	CLERK (MISC)	137	22.365	30.693	30.474	19.095	48.752	21.175	9.540	15.686	48.650	15.788
771	OFFICE SUPERVISOR	14	27.643	29.929	34.143	19.143	46.643	20.214	11.357	19.429	45.929	15.286
772	OFFICE MGR	5	23.800	31.400	22.000	6.600	45.600	19.000	11.400	8.200	42.600	12.000
781	PHONE, PBX OP	45	22.467	27.311	26.956	16.644	39.600	18.156	9.489	16.222	47.022	15.800
789	OTHER "PUB CONT" OCCS	58	23.345	28.086	32.586	21.017	44.603	20.621	11.448	18.086	47.897	15.345
791	RADIO, TELEGR, TTY OP	4	17.750	22.250	35.000	24.250	50.250	23.750	11.000	18.750	51.250	14.750
797	MISC CLERICAL	12	20.333	28.667	26.750	16.083	50.500	22.000	11.667	22.667	43.583	17.750
798	MISC ADMINISTRATIVE	17	29.118	35.059	33.706	23.765	56.235	25.118	14.412	16.941	44.235	18.235
833	METAL TRADES	2	16.000	42.000	35.000	21.500	63.500	29.500	13.500	18.500	50.000	13.500
861	PRINTING TRADES	6	26.167	50.833	28.333	24.000	60.833	27.833	16.000	16.667	54.667	15.167
864	DRAFTSMAN	4	29.500	57.750	35.000	17.750	54.750	24.250	12.750	17.000	39.250	10.250
865	PHOTOGRAPHY	4	16.250	42.500	22.500	19.500	63.250	27.250	18.000	29.000	44.500	15.500
866	INTERIOR DECORATOR	21	26.714	35.762	39.810	30.905	56.667	28.333	14.048	18.238	53.286	11.524
867	LANDSCAPE ARCHIT	2	25.500	29.000	40.000	32.000	83.500	47.500	19.500	17.500	39.500	20.000
868	CLTHNG & FASH TRADES	50	24.700	34.760	34.940	20.040	46.400	21.600	8.040	15.180	45.360	15.480
871	DIETITIAN	22	26.909	37.045	40.455	29.864	51.773	26.500	11.000	20.909	45.455	15.045
872	HOME ECONOMIST	30	26.100	39.033	34.667	28.167	52.400	26.433	10.867	21.833	48.533	13.867
873	AIRLN STEWRD, STEWRDESS	13	24.077	28.615	39.077	26.231	50.231	26.231	12.923	28.000	49.231	13.923
881	FOOD & BEVERAGE PREP	5	20.000	28.000	36.000	24.000	60.800	26.800	9.600	13.000	34.200	16.400
891	MISC PERSONAL SERV	28	22.750	33.571	20.857	12.321	43.464	18.393	9.393	10.500	45.500	17.536
893	HAIRDRESSER	196	21.551	27.628	33.342	21.209	50.148	23.306	10.949	18.857	49.163	16.607
894	PRACTICAL NURSE	118	23.432	33.746	36.551	22.347	51.542	23.508	10.356	18.076	44.161	16.025
895	NURSES' AIDE	23	24.913	38.174	32.348	19.870	52.348	24.348	11.435	17.739	44.130	17.870
896	DOMESTIC SERVICE	4	26.000	46.000	25.000	15.750	46.750	25.500	10.750	8.500	37.000	18.000
899	GENERAL LABORER	76	22.789	31.382	31.145	19.263	47.974	22.039	10.697	12.632	44.237	15.066
	TOTAL	14703	25.259	34.425	34.695	23.456	49.293	22.797	11.354	18.964	48.496	15.680

TABLE 1.4 (continued)

#	GROUP	N	STANDARD DEVIATIONS									
			STUDENT INFORMATION BLANK SCALES (CONTD.)									
			SELF-PERCEP OF RDNG SKILLS	AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			P-829	F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
534	JRNLST/RPRTER	20	4.511	18.297	16.051	15.374	13.193	8.106	4.236	10.348	7.916	6.727
536	PUBLISHER, ETC.	5	6.269	24.389	7.071	7.987	25.900	13.465	5.727	11.576	10.700	7.232
537	EDITOR	8	10.412	27.949	12.464	12.153	8.714	8.816	3.117	11.874	9.813	7.559
539	TRNSLTR, INTRPRTR, LINGST	9	10.313	29.833	18.333	15.922	15.595	8.724	2.068	7.672	21.394	5.723
541	FINE ARTS	31	7.477	21.963	20.742	17.066	15.211	9.313	5.932	14.089	11.468	6.994
545	COMM ARTIST	41	7.527	20.257	18.893	16.269	17.587	9.055	4.822	12.293	12.799	6.823
547	DESIGNER (CONS GDS)	5	7.092	8.620	11.402	7.120	15.176	7.092	2.074	7.778	7.396	6.633
551	MUSICIAN	11	9.252	22.719	12.136	7.751	13.671	7.115	4.628	13.743	10.568	4.735
552	SINGER	5	12.716	26.439	11.402	14.325	6.261	6.504	6.099	5.550	6.834	3.701
559	MUSIC-REL (MISC)	9	7.533	24.587	11.304	7.902	14.301	8.602	6.160	10.149	13.426	7.748
560	DANCER, CHOREOG	14	6.714	26.028	22.593	11.913	11.884	8.336	4.730	13.870	11.544	7.500
571	ACTOR	6	4.167	22.991	10.328	10.633	10.080	8.093	5.382	9.955	8.579	7.005
575	THEATRE ((OTHER)	14	6.796	16.714	18.009	13.765	18.110	10.763	5.618	13.888	8.920	6.866
579	MISC PERF ARTS	3	3.606	21.572	10.000	5.132	16.623	9.000	5.508	7.024	9.021	5.686
581	MODEL	4	6.272	30.425	9.574	11.236	8.524	1.708	6.292	8.958	1.915	9.708
621	RECREATION DIR	12	8.743	24.704	22.496	15.085	20.941	13.378	5.931	10.226	10.185	7.667
622	CMPNG, SCTNG, PRK GD	3	5.508	14.154	5.774	8.718	17.954	15.822	4.509	12.503	1.000	6.506
639	FARMING (OTHER)	6	7.899	25.915	19.408	18.232	23.147	11.692	4.382	8.353	16.690	4.665
711A	BANKING & FINANCE, I	30	5.868	23.787	16.846	14.243	16.554	10.183	6.512	14.832	12.435	7.582
711B	BANKING & FINANCE, II	4	6.344	22.539	5.773	9.522	6.272	3.500	1.500	8.846	8.057	4.967
712	INVSTMNT, STOCK CONSULT	2	4.243	11.314	21.213	12.728	4.243	4.243	3.536	13.435	3.536	4.243
716	CPA	25	7.963	21.117	17.531	14.899	18.767	9.652	5.984	14.481	13.862	4.691
717	ACCTANT (EXC CPA)	50	8.403	21.210	15.307	13.590	15.145	8.637	5.163	12.022	14.065	6.982
721	PURCHASING AGENT	4	2.500	12.038	12.473	6.807	14.198	9.695	2.217	9.287	17.746	3.366
722	RETAIL BUYER	24	7.529	16.378	11.474	9.854	14.537	8.418	4.815	10.782	9.055	6.302
724	ADVERTISING	32	6.382	23.486	18.893	16.524	17.074	10.029	5.149	12.491	10.638	7.982
725	PUBLIC RELATIONS	16	8.386	17.769	13.667	8.739	18.601	7.676	6.663	10.761	7.694	5.896
726	PERSONNEL ADMIN	25	6.586	21.640	13.735	10.488	14.604	7.955	4.619	13.168	7.732	5.280
727	APPRAISING, ESTIMATING	13	5.145	18.560	16.174	10.273	19.026	9.718	3.330	12.358	15.856	8.731
728	LOAN/CREDIT INVESTIG	11	7.799	20.904	12.933	7.891	14.029	8.232	3.529	11.577	17.438	7.551
730	BUS MGMT ADM (NEC)	19	6.414	15.955	17.405	15.363	12.829	6.188	5.571	14.375	10.208	5.384
732	WHSL/RET TRADE MGMT/MKTG	12	6.422	21.185	17.170	15.139	15.276	10.939	4.533	15.629	9.282	5.852
738	SUPERVISOR IN BUS	8	6.209	20.184	17.678	17.353	9.366	7.126	3.370	10.636	7.851	8.297
741	SALESCLERK	34	7.221	14.097	17.508	12.711	18.005	9.768	4.572	13.840	8.632	7.463
743	STOCKBROKER	4	10.243	25.179	15.000	16.902	22.920	9.883	6.994	13.784	1.500	6.652
745	REAL ESTATE SLSMAN	6	14.959	26.934	13.663	13.604	13.142	6.055	4.970	9.196	11.179	8.408
746	INSURANCE SLSMAN	5	8.905	20.620	13.416	9.757	17.292	4.722	3.768	9.370	4.506	7.616
748	OTHER SLSMAN (NEC)	13	11.139	26.542	15.730	12.498	13.994	6.978	2.478	12.494	7.859	8.275
749	SALES MGR	2	7.071	22.627	7.071	1.414	0.0	9.899	6.364	12.021	8.485	1.414
751	BOOKKEEPER	131	7.309	18.717	19.121	14.248	18.621	11.261	5.433	13.318	12.810	7.339
752	TELLER OR BANK CLRK	37	6.027	19.047	19.351	14.117	16.361	9.944	4.995	15.983	14.722	6.809
753	CASHIER	17	7.491	18.790	16.911	13.173	15.794	10.834	3.687	12.664	10.555	5.980
755	MISC ACCT RECDG	64	7.189	22.444	18.434	14.148	18.289	10.138	5.132	13.977	11.351	7.395
756	KEYPUNCH OP	83	7.201	19.490	22.317	14.896	16.222	9.431	5.167	13.969	12.537	6.510
757	KEYPUNCH INSTRUC	4	4.726	11.983	18.930	18.359	3.202	3.916	3.000	19.485	11.619	8.261
758	COMPUTER OP	65	8.447	20.227	21.269	12.622	19.849	9.989	4.905	13.413	14.308	7.617
761	SECRETARY (NEC)	997	7.324	18.970	18.276	14.011	15.540	9.541	5.000	13.616	13.151	7.105
762	SECRETARY-BOOKKEEPER	23	8.257	20.518	12.453	8.216	10.120	8.151	5.169	12.560	15.003	7.697
763	MED/DENT SECRETARY	47	8.688	18.511	16.473	12.516	16.654	9.811	5.625	11.951	10.482	6.672
764	LEGAL SECRETARY	61	8.413	19.242	16.269	13.373	12.837	8.428	5.010	14.380	13.567	6.596
765	STENO, CRT RPRTR	69	6.825	17.402	19.546	14.053	17.527	10.924	5.207	13.780	16.303	7.050
766	TYPIST, CLERK TYPIST	103	7.462	20.047	17.541	13.621	17.597	9.348	4.867	12.425	13.337	6.466
768	PROOFREADER	2	14.142	4.243	7.071	3.536	1.414	2.828	4.243	5.657	11.314	4.243
769	CLERK (MISC)	137	7.774	21.561	15.562	12.783	17.277	9.188	4.679	13.235	13.152	7.535
771	OFFICE SUPERVISOR	14	7.702	17.687	23.409	12.901	16.312	9.705	6.046	14.265	11.724	7.680
772	OFFICE MGR	5	6.017	14.639	13.038	5.771	14.484	9.138	4.827	7.727	19.308	6.519
781	PHONE, PBX OP	45	7.021	20.813	18.945	12.253	18.257	8.469	4.645	14.023	12.729	6.963
789	OTHER "PUB CONT" OCCS	59	8.177	21.781	19.805	13.291	19.186	9.163	5.789	13.969	14.204	7.430
791	RADIO, TELEGR, TTY OP	4	3.304	11.442	12.910	14.385	22.262	1.266	4.761	17.347	9.946	10.308
797	MISC CLERICAL	12	8.988	17.380	18.670	12.049	17.553	10.072	5.069	8.659	17.506	6.982
798	MISC ADMINISTRATIVE	17	6.855	24.519	19.962	14.940	19.058	11.224	4.287	10.311	11.708	7.685
833	METAL TRADES	2	5.657	32.527	35.355	27.577	23.335	17.678	14.849	26.163	21.213	19.092
861	PRINTING TRADES	6	8.542	21.179	19.408	19.183	29.123	12.123	6.512	20.334	18.522	7.600
864	DRAFTSMAN	4	9.678	26.588	30.000	18.733	13.623	10.468	6.801	17.185	19.155	5.315
865	PHOTOGRAPHY	4	14.221	27.671	9.574	8.226	20.532	12.527	4.546	19.613	10.909	3.512
866	INTERIOR DECORATOR	21	7.604	18.177	13.144	12.661	14.918	8.980	5.371	13.802	8.799	7.319
867	LANDSCAPE ARCHIT	2	10.607	8.485	42.426	33.941	4.950	7.778	2.121	24.749	6.364	4.243
868	CLTHNG & FASH TRADES	50	6.172	21.291	19.317	13.335	15.046	8.590	5.131	12.348	15.420	7.683
871	DIETITIAN	22	5.433	15.305	13.965	12.221	11.682	7.732	4.536	13.313	10.487	6.849
872	HOME ECONOMIST	30	6.525	23.022	16.344	14.278	12.505	7.309	4.265	13.078	9.569	6.296
873	AIRLN STEWRD, STEWRDESS	13	9.260	13.513	20.682	14.794	12.384	10.872	2.660	13.910	9.523	7.686
881	FOOD & BEVERAGE PREP	5	7.000	20.928	27.019	19.131	28.341	15.643	5.595	12.450	20.645	9.370
891	MISC PERSONAL SERV	28	7.648	19.271	17.834	13.022	18.099	9.792	5.587	13.914	17.500	7.988
893	HAIRDRESSER	196	7.598	17.969	18.869	13.866	17.127	9.786	5.287	14.036	12.887	7.060
894	PRACTICAL NURSE	118	7.460	20.372	19.919	16.025	17.892	9.609	5.589	13.095	14.315	6.609
895	NURSES' AIDE	23	8.146	23.710	21.815	14.793	15.976	7.906	4.813	13.488	12.857	7.307
896	DOMESTIC SERVICE	4	4.243	31.156	20.817	15.840	17.173	11.705	3.304	9.434	14.989	9.018
899	GENERAL LABORER	76	8.562	21.663	20.419	16.296	17.912	10.335	6.171	13.183	15.647	6.496
	TOTAL	14703	7.869	21.093	17.673	14.005	15.929	9.435	5.044	13.456	12.448	6.974

TABLE 2.1

MEDIAN OF d^2'S BETWEEN AN OCCUPATION AND THE OTHER OCCUPATIONS IN EACH OF TWELVE LONG RANGE GOAL CATEGORIES. DATA BASED ON 64 COGNITIVE VARIABLES FOR 11TH GRADE MALES

LRG 1: Engineering, Physical Science, Mathematics, and Architecture

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
211 Math, Stat	3.02	2.88	3.62	4.09	3.43	8.98	4.93	5.21	6.76	5.64	7.49	6.65
231 Chemist	1.78	1.78	2.48	3.16	2.43	7.25	3.24	3.55	4.87	4.92	5.89	5.00
232 Physicist	2.66	3.87	4.56	5.24	4.50	10.01	5.56	6.14	6.95	7.33	8.24	7.93
240 Engineer	1.82	1.78	1.99	3.05	2.63	7.04	2.87	2.88	4.30	4.52	5.34	4.89
241 Civil Engineer	2.08	2.02	2.26	3.45	2.82	7.47	2.97	3.36	4.24	4.37	5.46	4.91
242 Electrical Engineer	1.93	2.52	2.57	3.77	3.52	7.32	2.71	3.95	4.13	4.68	5.35	5.32
243 Mech Engineer	2.03	2.05	2.10	3.14	3.14	7.57	2.81	3.26	3.97	4.65	4.86	4.81
245 Chem Engineer	2.32	2.95	3.65	4.62	4.04	9.61	4.78	5.28	5.83	6.22	7.42	6.41
250 Architect	2.70	2.65	2.55	2.94	2.72	6.43	2.91	2.89	4.52	4.57	5.30	4.46
421 Teacher-HS Math	2.22	2.26	2.35	3.06	2.91	7.44	3.35	3.59	4.64	3.76	5.79	4.92
422 Teacher-HS Science	2.52	2.43	2.57	3.01	2.88	7.50	2.68	3.16	3.82	3.56	4.62	4.17
462 Coll/Univ Tchr-Sci	2.32	2.38	3.20	3.73	3.08	8.15	4.52	4.53	6.10	6.12	7.22	6.74

LRG 2: Medical and Biological Sciences

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
310 Biologist, Zoologist	2.91	2.81	2.65	3.41	2.09	6.62	3.18	3.00	3.80	4.50	4.61	4.32
329 MD-Other	2.29	2.02	2.56	3.11	1.92	6.83	4.63	3.97	6.06	5.49	6.98	6.47
332 Dentist	2.45	1.56	1.96	2.47	2.11	6.66	3.52	2.66	4.81	4.56	5.42	5.09
335 Pharmacist	2.09	2.02	1.67	2.44	2.38	6.36	2.72	2.32	3.77	3.38	4.72	4.32

LRG 3: Business Administration

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
120 Ind, Bus, Comm (NEC)	2.81	2.41	1.32	1.77	2.14	5.39	1.49	1.24	2.09	1.62	2.70	2.27
642 Military-Officer	1.91	2.04	1.78	2.69	2.23	6.36	2.96	2.52	3.98	3.89	4.94	4.58
711aBanking & Finance I	4.34	3.87	2.25	2.66	3.38	6.04	2.37	1.57	2.52	2.42	3.06	2.95
711bBanking & Finance II	2.57	2.01	1.29	1.70	1.81	6.13	2.45	1.65	3.49	2.98	3.96	3.80
716 CPA	2.44	1.94	1.35	1.67	2.07	5.54	2.21	1.70	3.46	2.58	4.54	4.01
717 Acctant (exc CPA)	2.71	2.50	1.19	1.67	2.12	5.69	1.65	1.72	2.74	1.66	3.39	2.81
723 Efficiency Expert	1.72	1.59	1.02	1.71	1.78	5.10	1.54	1.44	2.52	2.44	3.38	3.26
726 Personnel Admin	2.82	2.39	1.36	1.88	1.92	4.52	2.13	1.71	3.21	2.22	4.30	3.40
730 Bus Mgmt Adm (NEC)	2.27	1.81	0.89	1.27	1.52	4.61	1.46	0.77	2.38	1.77	3.04	2.50
731 Mfg Mgmt	3.19	2.94	2.02	2.95	2.94	7.09	2.67	2.17	3.31	3.41	4.49	4.12
732 Whsl/Ret Tr Mgt/Mktg	2.50	2.08	0.96	1.39	1.77	4.60	1.46	0.96	2.63	2.14	3.18	2.48
841 Pilot	1.92	2.12	1.40	2.48	2.21	6.21	1.74	1.91	2.70	2.95	3.70	3.18

LRG 4: Teaching

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
370 Social	3.31	2.79	1.74	1.79	1.96	5.08	2.95	2.25	3.99	2.57	4.65	4.13
400 Teacher (NEC)	2.13	1.62	0.93	1.31	1.52	4.88	1.93	1.17	2.76	2.11	3.46	3.01
420 Teacher-HS (NEC)	2.84	2.18	1.47	1.87	2.00	6.28	2.36	1.82	3.74	2.71	4.43	4.03
429 Teacher-Phys Ed	4.62	3.57	2.46	2.43	3.46	6.42	3.04	2.04	3.62	3.08	3.78	3.46
521 Clergyman	3.94	3.29	2.81	2.24	2.45	5.12	4.23	3.72	5.31	4.06	5.81	5.08

TABLE 2.1 (continued)

LRG 5: Humanities, Social Science, Behavioral Sciences, Law

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
360 Psychologist	2.85	2.18	2.17	2.14	1.67	4.29	3.46	3.02	4.95	3.99	5.77	4.68
393 Lawyer	2.49	1.61	1.62	1.89	1.46	5.53	3.73	2.72	5.33	4.20	6.13	5.23
423 Teacher-HS Soc Stud	3.38	2.89	1.82	1.71	2.00	5.88	2.77	1.97	3.59	2.49	4.33	3.52
460 Coll/Univ Tchr (NEC)	2.14	1.51	1.45	1.47	1.22	5.08	3.15	2.48	4.28	3.44	5.15	4.57
463 Coll/Univ Tchr-SocSc	3.34	2.36	2.36	2.36	1.67	5.23	4.40	3.40	5.98	4.61	7.18	5.76
464 Coll/Univ Tchr-Engl	4.44	3.06	3.54	3.12	2.07	5.93	5.71	4.37	6.86	5.79	6.68	6.42

LRG 6: Fine Arts, Performing Arts

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
432 Teacher-Music	6.87	5.67	5.62	4.24	5.32	5.85	6.02	5.68	7.50	6.33	7.96	7.27
551 Musician	9.36	8.20	7.47	7.84	7.57	7.63	7.97	7.55	9.37	8.23	9.88	8.82
575 Theatre (Other)	7.49	6.64	5.22	5.12	5.03	7.55	5.37	5.36	6.32	5.32	7.89	6.81

LRG 7: Technical Jobs

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
125 Electronics (NEC)	3.09	3.31	2.19	3.50	3.86	5.56	1.81	2.42	1.93	2.39	3.06	3.03
222 Computer Programmer	1.95	2.08	1.16	1.81	1.77	5.30	1.49	1.72	2.59	2.00	3.38	2.62
299 Phys Sci, Lab Tech	3.20	2.91	1.73	1.96	3.06	5.19	1.72	1.79	2.00	1.78	2.70	2.38
758 Computer Operator	4.27	4.06	2.17	2.87	2.61	6.12	1.93	2.13	2.38	1.55	3.03	2.54
811 Electronic Tech	2.78	2.78	1.90	3.02	3.50	6.02	1.53	1.97	1.57	2.24	2.83	2.27
864 Draftsman	3.17	3.03	1.96	2.70	3.74	6.13	1.42	1.85	1.60	1.79	2.40	1.84
865 Photographer	5.10	5.13	3.70	3.60	4.31	6.08	3.33	3.44	4.47	4.00	5.68	4.70

LRG 8: Business, Sales

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
112 In Bus for Self (NEC)	3.12	2.76	1.37	2.04	3.02	5.68	1.18	1.43	1.42	1.56	2.00	1.66
738 Supervisor in Bus	4.64	3.70	2.49	2.65	4.19	6.74	2.14	2.01	2.16	2.23	2.56	2.55
746 Insurance Slsman	3.91	3.32	1.74	2.25	2.87	6.13	2.67	1.63	2.70	2.25	3.60	3.06
748 Other Slsman (NEC)	3.07	2.65	1.26	1.74	2.39	4.68	1.42	1.03	1.92	1.67	2.47	2.03
749 Sales Mgr	3.52	2.64	1.60	1.87	2.18	4.40	2.31	1.50	3.12	2.76	3.71	3.15

LRG 9: Mechanics, Industrial Trades

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
810 Electrician	3.63	3.50	1.92	2.69	3.92	6.05	1.29	1.48	1.05	1.52	1.65	1.67
812 Appliance Repair	4.18	4.10	2.91	4.35	4.99	7.98	2.35	2.31	1.77	2.49	2.95	2.74
820 Mechanic (NEC)	4.70	4.68	1.84	3.92	5.68	7.50	2.18	2.04	1.13	2.34	1.73	2.25
821 Auto Mechanic	4.53	4.86	2.92	4.21	5.81	7.50	2.30	2.50	1.55	2.55	2.24	2.45
822 Airplance Mechanic	4.65	4.71	2.77	3.69	5.29	7.58	2.38	2.44	1.68	2.26	2.47	2.56
828 Machinist	3.68	3.40	1.83	2.66	4.04	6.24	1.56	1.40	1.13	1.89	1.79	1.86
833 Metal Trades	5.16	4.67	3.24	3.90	5.71	7.81	2.75	2.37	1.55	2.00	1.75	2.20
861 Printing Trades	4.49	3.92	2.37	2.55	4.31	6.10	1.76	1.71	1.64	1.37	2.38	2.08

TABLE 2.1 (continued)

LRG 10: Construction Trades

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
832 Carpenter	5.78	5.25	3.63	3.96	5.92	7.99	3.05	2.34	1.94	2.18	3.07	2.65
834 Brklr, Msn, Ptr, Rfr	5.77	5.52	3.83	4.78	6.36	8.09	3.14	2.61	1.93	2.46	2.73	2.90
835 Plumber, Pipeftr	5.04	4.67	2.90	3.98	4.89	7.82	2.49	2.52	1.71	2.46	1.94	2.51
837 Misc Bldg & Constr	5.47	4.93	3.50	4.18	5.98	8.14	2.98	3.09	2.70	3.40	3.28	3.56

LRG 11: Clerical Jobs

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
797 Misc Clerical	4.66	4.53	2.43	2.71	4.09	6.33	2.00	2.23	2.13	2.90		2.51

LRG 12: General, Commercial Service

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
631 Farm/Ranch Owner	6.01	5.52	3.86	4.93	6.84	9.24	3.80	3.01	2.51	3.57	3.42	2.93
639 Farming (Other)	5.69	5.54	3.91	4.80	6.30	8.23	3.86	3.10	2.75	3.27	3.38	2.77
640 Military (Rnk nt ind)	4.08	3.78	2.73	2.99	3.88	6.85	2.63	2.74	3.04	3.01	3.51	2.85
661 Police (Public)	3.94	3.46	1.71	2.19	2.96	6.12	1.58	1.46	1.34	1.22	2.67	2.32
666 Fireman	5.05	4.71	3.16	4.06	4.96	7.87	2.62	2.55	2.31	2.51	2.83	2.65
853 Auto, Bus Trk Drvr	5.31	4.98	3.26	4.03	5.49	7.90	2.54	2.03	1.53	2.03	2.07	2.34
899 General Laborer	4.55	4.23	2.59	3.46	4.52	6.72	1.98	1.51	1.16	1.32	1.56	1.74

TABLE 2.2

MEDIAN OF d^2'S BETWEEN AN OCCUPATION AND THE OTHER OCCUPATIONS IN EACH OF TWELVE LONG RANGE GOAL CATEGORIES DATA BASED ON 45 NON-COGNITIVE VARIABLES FOR 11TH GRADE MALES

LRG 1: Engineering, Physical Science, Mathematics, and Architecture

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
211 Math, Stat	2.12	3.61	3.24	3.85	3.29	9.87	3.72	5.45	6.08	5.06	6.44	5.80
231 Chemist	1.83	2.52	2.99	3.65	3.06	10.94	3.19	4.48	4.64	4.03	5.45	4.98
232 Physicist	2.58	4.40	4.84	5.74	5.17	11.62	5.04	7.40	6.95	6.58	7.77	7.74
240 Engineer	1.68	2.84	2.14	3.46	2.88	10.27	2.32	3.75	4.15	3.88	4.44	4.44
241 Civil Engineer	2.04	3.14	2.34	3.22	3.22	9.27	2.32	3.80	4.12	3.49	4.28	4.02
242 Electrical Engineer	1.72	3.26	2.61	3.98	3.54	9.53	2.22	4.19	3.91	3.95	4.61	4.72
243 Mech Engineer	1.75	3.44	2.72	3.83	3.53	10.64	2.30	4.18	3.98	4.05	4.56	4.71
245 Chem Engineer	2.12	3.00	3.79	4.75	3.94	12.82	3.92	5.58	5.87	5.58	6.48	6.49
250 Architect	3.39	3.51	3.09	3.77	3.81	8.93	3.39	3.62	5.12	4.55	5.55	5.50
421 Teacher-HS Math	2.32	3.39	2.57	2.91	3.32	10.36	3.43	3.78	4.99	3.97	5.16	4.34
422 Teacher-HS Science	2.51	2.11	2.14	2.03	2.73	7.40	2.33	2.89	3.66	2.90	3.97	3.62
462 Coll/Univ Tchr-Sci	2.69	2.58	3.78	3.48	3.21	8.47	4.22	5.07	6.39	5.15	7.03	6.66

LRG 2: Medical and Biological Sciences

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
310 Biologist, Zoologist	3.46	2.82	2.88	3.59	3.60	9.58	3.39	3.84	4.50	4.20	4.41	4.57
329 MD-Other	3.23	1.73	3.61	3.51	2.44	9.86	4.93	5.00	6.50	5.84	7.20	6.69
332 Dentist	3.21	1.56	2.80	3.48	2.98	10.22	4.40	3.89	5.54	4.96	5.78	5.63
335 Pharmacist	2.20	1.73	1.58	1.71	1.35	8.09	2.30	2.46	3.63	2.76	4.53	3.56

LRG 3: Business Administration

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
120 Ind, Bus, Comm (NEC)	2.94	2.84	1.06	1.69	2.15	7.27	1.40	0.90	2.25	1.38	2.43	2.01
642 Military-Officer	1.94	2.56	1.52	1.98	1.57	8.83	2.38	2.47	3.98	2.80	4.10	3.48
711aBanking & Finance I	4.66	4.81	1.95	2.70	3.18	8.22	2.01	1.22	2.30	1.27	2.51	1.96
711bBanking & Finance II	2.73	2.65	1.19	1.84	1.63	8.69	2.11	1.51	3.40	2.30	3.36	2.87
716 CPA	3.22	4.11	1.77	2.90	2.98	9.69	2.61	2.32	3.95	2.83	4.55	3.55
717 Acctant (exc CPA)	2.80	3.76	1.19	2.42	2.83	8.50	1.78	1.94	2.97	1.68	3.15	2.26
723 Efficiency Expert	1.96	2.83	1.09	2.31	2.02	8.96	1.84	1.75	3.23	2.32	3.28	3.12
726 Personnel Admin	3.21	2.51	1.39	1.91	2.05	7.92	2.51	1.56	3.93	2.86	4.24	3.51
730 Bus Mgmt Adm (NEC)	2.33	2.48	0.87	1.42	1.67	8.46	1.26	0.82	2.25	1.50	2.56	2.00
731 Mfg Mgmt	3.12	3.04	1.56	2.49	2.68	9.26	2.01	1.60	3.28	2.52	3.36	3.21
732 Whsl/Ret Tr Mgt/Mktg	3.03	3.24	1.00	1.74	2.20	8.05	1.64	0.95	2.51	1.61	2.80	2.20
841 Pilot	2.06	2.34	1.16	1.64	2.04	8.21	1.51	1.54	2.84	2.13	2.91	2.67

LRG 4: Teaching

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
370 Social Worker	3.71	3.50	1.94	1.75	1.86	6.65	2.89	2.27	4.03	2.48	4.33	3.43
400 Teacher (NEC)	2.68	2.30	1.22	1.09	1.50	7.13	1.96	1.41	2.47	1.92	3.12	2.53
420 Teacher-HS (NEC)	2.54	2.44	1.21	1.28	1.70	7.21	1.87	1.48	3.06	1.91	3.31	2.73
429 Teacher-Phys Ed	4.71	4.12	2.59	2.14	3.79	9.36	3.26	2.30	3.76	2.64	4.39	3.26
521 Clergyman	5.50	5.06	4.33	2.37	3.07	6.45	4.96	5.03	6.24	4.90	6.22	6.04

TABLE 2.2 (continued)

LRG 5: Humanities, Social Science, Behavioral Sciences, Law

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
360 Psychologist	2.96	2.23	3.17	1.56	1.78	6.71	2.82	2.92	4.63	3.47	5.26	4.34
393 Lawyer	3.68	2.45	1.97	1.84	1.53	9.30	3.98	2.62	5.54	4.00	6.01	5.25
423 Teacher-HS Soc Stud	3.18	3.12	1.53	1.09	1.81	8.31	2.24	1.64	3.44	1.89	3.54	2.87
460 Coll/Univ Tchr (NEC)	2.93	2.47	2.18	1.31	1.04	6.70	3.39	2.96	4.93	3.51	5.12	4.69
463 Coll/Univ Tchr-SocSc	4.46	2.98	2.85	2.54	1.78	8.66	4.50	3.82	6.28	4.69	6.69	5.99
464 Coll/Univ Tchr-Engl	5.10	4.76	4.03	3.54	2.28	8.62	5.28	5.27	7.43	5.95	7.43	7.80

LRG 6: Fine Arts, Performing Arts

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
432 Teacher-Music	10.07	9.72	8.48	7.13	8.46	4.96	8.40	8.58	10.07	7.71	10.12	9.40
551 Musician	12.00	11.25	10.23	9.45	10.34	6.12	11.18	10.31	12.13	9.48	12.25	10.72
575 Theatre (Other)	6.72	6.26	3.78	3.58	3.61	7.80	4.67	3.86	5.66	4.61	5.68	5.83

LRG 7: Technical Jobs

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
125 Electronics (NEC)	3.34	3.95	2.39	3.23	4.36	8.40	1.32	2.08	1.61	1.58	2.10	1.75
222 Computer Programmer	1.84	2.90	1.19	1.76	2.45	7.86	0.78	1.95	2.39	1.46	2.80	1.89
299 Phys Sci, Lab Tech	2.61	3.15	1.20	1.90	2.54	9.02	1.22	1.33	1.49	0.99	1.88	1.55
758 Computer Operator	3.58	3.81	1.62	2.44	3.13	7.32	1.41	1.55	1.93	1.27	1.98	1.49
811 Electronic Tech	2.75	3.66	1.86	2.89	3.67	8.50	0.92	1.72	1.36	1.27	1.65	1.55
864 Draftsman	3.58	4.39	2.28	3.26	4.76	8.67	1.44	17.17	1.65	1.63	1.76	2.12
865 Photographer	4.84	4.88	3.77	3.35	3.92	7.64	2.96	3.79	4.01	3.07	4.27	4.36

LRG 8: Business, Sales

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
112 In Bus for Self (NEC)	3.38	3.74	1.41	2.27	3.00	8.58	1.17	1.13	1.40	0.98	1.53	1.20
738 Supervisor in Bus	4.81	4.33	2.21	3.00	4.56	9.65	1.72	1.79	1.79	1.35	1.82	1.60
746 Insurance Slsman	4.54	3.72	1.52	1.93	2.76	8.29	2.31	1.20	2.76	1.90	2.82	2.04
748 Other Slsman (NEC)	3.52	3.65	1.21	1.73	2.39	7.84	1.67	0.65	2.33	1.40	2.60	1.88
749 Sales Mgr	4.61	4.33	1.74	2.76	3.01	9.44	2.65	1.62	3.99	2.87	4.30	3.65

LRG 9: Mechanics, Industrial Trades

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
810 Electrician	3.70	4.48	1.87	2.94	4.21	9.24	1.00	1.54	0.84	0.95	0.95	1.06
812 Appliance Repair	4.67	5.00	3.12	4.33	5.63	10.30	1.81	3.07	1.49	2.11	1.69	2.25
820 Mechanic (NEC)	5.00	5.60	3.29	4.29	5.76	10.29	2.00	2.66	0.94	1.56	0.99	1.88
821 Auto Mechanic	5.84	6.50	3.51	4.82	6.36	10.19	2.11	3.15	1.01	1.64	1.42	2.16
822 Airplane Mechanic	4.63	4.88	2.46	3.95	4.85	9.75	1.50	1.98	0.88	1.38	1.26	1.46
828 Machinist	4.07	4.75	2.34	3.58	4.78	9.57	1.21	2.01	0.94	1.35	1.09	1.35
833 Metal Trades	5.19	5.74	3.14	3.62	5.61	10.22	1.74	2.45	0.88	1.07	0.98	1.50
861 Printing Trades	4.93	4.95	3.07	3.67	4.86	9.95	1.76	2.22	1.42	1.02	1.46	1.69

TABLE 2.2 (continued)

LRG 10: Construction Trades

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
832 Carpenter	5.35	5.23	3.38	4.24	5.74	10.06	2.10	2.66	1.17	1.18	1.62	1.82
834 Brklr, Msn, Ptr, Rfr	5.62	5.91	3.34	4.19	5.78	10.18	1.87	2.54	1.19	1.25	1.45	1.62
835 Plumber, Pipeftr	4.76	4.85	2.59	3.27	4.78	9.90	1.51	1.75	1.10	1.25	1.40	1.37
837 Misc Bldg & Constr	5.20	5.62	3.21	4.54	5.72	11.82	2.29	2.72	1.41	1.47	2.12	2.26

LRG 11: Clerical Jobs

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
797 Misc Clerical	4.04	4.58	2.21	2.48	3.76	7.71	1.46	1.40	1.37	1.54		1.30

LRG 12: General, Commercial Service

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
631 Farm/Ranch Owner	6.91	7.08	4.95	5.26	7.61	12.56	4.53	4.49	3.28	3.63	3.09	3.16
639 Farming (Other)	6.50	6.89	4.65	5.34	7.19	11.25	4.50	4.36	3.07	3.17	3.01	2.89
640 Military (Rnk nt ind)	3.28	3.77	1.86	2.06	3.19	8.27	1.38	1.58	1.95	1.30	1.85	2.06
661 Police (Public)	3.77	3.92	1.65	1.87	2.92	8.14	1.33	1.29	1.45	0.81	1.79	1.53
666 Fireman	4.85	5.00	2.70	2.93	4.97	9.40	1.55	1.85	1.51	1.20	1.47	1.80
853 Auto, Bus, Trk Drvr	5.88	5.92	3.80	4.36	6.15	9.88	2.24	2.90	1.24	1.82	1.41	2.02
899 General Laborer	4.61	4.94	2.65	3.22	4.75	9.02	1.63	1.88	0.93	0.65	0.87	1.20

TABLE 2.3

MEDIAN OF d^2'S BETWEEN AN OCCUPATION AND THE OTHER OCCUPATIONS IN EACH OF TWELVE LONG RANGE GOAL CATEGORIES DATA BASED ON 64 COGNITIVE VARIABLES FOR 12TH GRADE MALES

LRG 1: Engineering, Physical Science, Mathematics, and Architecture

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
211 Math, Stat	2.50	2.96	4.05	4.36	3.19	6.90	4.62	4.92	6.63	5.57	7.08	7.25
231 Chemist	2.11	1.89	2.74	3.70	2.30	6.21	3.64	3.18	4.94	4.17	5.21	5.84
232 Physicist	2.69	3.41	4.46	5.39	4.20	8.20	3.90	5.23	6.28	5.91	6.92	6.89
240 Engineer	1.90	1.68	2.24	3.52	2.48	6.74	3.00	2.81	4.32	3.82	4.62	4.45
241 Civil Engineer	1.92	2.08	2.14	3.07	2.42	6.42	2.69	2.61	3.84	3.53	4.22	4.60
242 Electrical Engineer	2.00	2.36	3.16	4.53	3.14	7.33	3.12	3.53	4.87	4.55	5.16	5.69
243 Mech Engineer	1.76	2.06	2.86	3.93	3.03	6.30	2.79	2.92	4.50	4.06	4.70	5.25
245 Chem Engineer	2.44	2.08	3.15	4.31	3.00	7.35	6.00	3.92	6.24	4.90	6.42	6.99
250 Architect	3.26	3.36	2.94	3.89	2.96	6.24	3.30	3.12	5.08	5.04	5.34	5.34
421 Teacher-HS Math	2.98	2.82	2.64	3.34	3.46	7.59	3.62	3.48	5.28	4.47	5.58	4.65
422 Teacher-HS Science	3.19	3.00	2.84	3.81	3.25	6.27	2.85	3.43	4.74	4.16	4.58	4.82
462 Coll/Univ Tchr-Sci	2.50	2.20	3.12	3.92	2.44	7.30	4.30	3.54	5.58	5.05	6.03	6.32

LRG 2: Medical and Biological Sciences

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
310 Biologist, Zoologist	3.77	3.62	3.59	4.17	3.44	7.41	4.28	4.18	5.86	5.16	6.44	6.62
329 MD-Other	2.28	2.12	2.51	3.19	1.61	5.62	4.54	3.36	6.30	4.48	6.35	6.68
332 Dentist	2.01	1.79	1.97	3.05	2.28	5.73	2.86	2.63	4.37	3.77	4.58	5.42
335 Pharmacist	2.45	2.12	1.62	2.49	2.43	5.53	2.36	2.02	3.85	2.79	4.02	3.68

LRG 3: Business Administration

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
120 Ind, Bus, Comm (NEC)	3.00	2.64	1.33	1.89	2.44	4.85	1.62	1.18	2.13	1.18	2.25	2.67
642 Military-Officer	2.14	1.83	2.24	2.89	2.26	6.23	2.78	2.42	4.19	3.03	4.55	4.66
711aBanking & Finance I	5.46	5.16	2.64	3.52	4.40	6.22	3.40	2.44	3.52	2.74	3.62	3.75
711bBanking & Finance II	2.69	2.12	1.15	2.01	1.99	5.22	2.80	1.74	3.80	2.41	3.90	3.32
716 CPA	2.48	1.94	1.01	1.58	2.04	5.34	2.22	1.70	3.46	2.13	3.66	3.01
717 Acctant (exc CPA)	3.30	3.00	1.44	2.03	2.52	5.99	2.18	1.49	2.51	1.51	2.92	3.06
723 Efficiency Expert	2.12	2.05	1.24	2.27	2.37	5.63	1.84	1.63	3.26	2.38	3.44	3.60
726 Personnel Admin	2.97	2.69	1.36	2.12	2.40	5.22	2.72	2.28	3.80	2.73	3.71	3.73
730 Bus Mgmt Adm (NEC)	2.01	1.67	0.83	1.74	1.56	4.49	1.33	0.90	2.60	1.51	2.62	2.50
731 Mfg Mgmt	2.10	1.98	1.36	2.40	1.68	4.94	2.19	1.49	3.35	2.65	3.18	3.56
732 Whsl/Ret Tr Mgt/Mktg	2.96	2.36	1.05	1.80	1.99	5.02	1.82	1.18	2.64	1.63	2.34	2.36
841 Pilot	2.88	2.40	2.94	3.40	2.84	6.24	2.52	2.42	3.45	3.17	3.94	3.73

LRG 4: Teaching

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
370 Social Worker	3.92	3.16	2.59	2.56	2.36	4.87	3.23	2.78	4.22	2.51	4.57	4.66
400 Teacher (NEC)	2.50	2.47	1.02	2.20	1.77	4.95	2.20	1.56	3.16	1.87	3.14	3.31
420 Teacher-HS (NEC)	2.85	2.39	1.48	2.46	2.00	5.61	2.73	1.91	3.53	2.11	3.47	3.65
429 Teacher-Phys Ed	3.89	3.54	2.06	2.67	3.40	6.16	3.51	2.19	3.74	2.48	4.06	3.57
521 Clergyman	3.92	3.66	3.22	2.54	2.20	5.85	4.20	3.40	5.14	3.80	5.54	5.68

TABLE 2.3 (continued)

LRG 5: Humanities, Social Science, Behavioral Science, Law

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
360 Psychologist	2.40	1.94	2.07	2.36	1.50	4.40	3.36	2.52	4.96	3.45	5.22	4:75
393 Lawyer	2.81	1.70	1.36	2.09	1.12	4.55	3.37	2.25	4.78	3.07	4.77	4.31
423 Teacher-HS Soc Stud	3.75	3.13	1.98	2.01	1.97	5.69	3.35	2.21	4.54	2.82	4.35	4.08
460 Coll/Univ Tchr (NEC)	2.67	2.08	2.20	1.97	1.16	4.45	3.62	2.68	5.00	3.64	5.35	5.54
463 Coll/Univ Tchr-SocSc	3.25	2.68	2.29	2.04	1.50	4.60	4.10	2.62	5.56	3.66	5.62	5.47
464 Coll/Univ Tchr-Engl	4.39	3.98	4.22	3.62	1.77	4.96	6.13	5.13	7.18	5.41	8.12	7.81

LRG 6: Fine Arts, Performing Arts

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
432 Teacher-Music	6.30	5.52	5.22	4.87	4.38	6.06	5.68	4.84	6.28	4.91	6.91	7.36
551 Musician	7.95	7.57	6.48	7.05	6.30	6.36	6.88	6.19	7.76	6.18	8.63	8.95
575 Theatre (Other)	5.92	5.58	4.92	5.61	4.52	6.83	5.06	4.82	6.43	5.85	7.24	6.87

LRG 7: Technical Jobs

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
125 Electronics (NEC)	3.43	3.42	2.46	3.44	3.67	5.78	1.55	2.01	2.08	2.56	2.42	2.81
222 Computer Programmer	2.04	1.32	2.09	1.88	4.53	1.70	2.15	1.53	3.08	1.88	3.30	2.94
299 Phys Sci, Lab Tech	2.43	2.24	1.56	2.30	2.74	5.25	1.55	1.57	2.31	2.12	2.53	2.71
758 Computer Operator	3.88	3.73	1.76	2.52	3.02	5.67	2.40	2.01	2.92	1.94	2.97	3.43
811 Electronic Tech	3.16	3.11	2.25	3.22	3.53	5.88	1.55	2.06	2.09	2.29	2.47	3.19
864 Draftsman	3.41	3.58	2.10	2.57	3.76	5.67	1.55	1.71	1.82	1.83	2.10	2.78
865 Photographer	5.16	4.54	3.59	4.00	4.30	6.24	2.97	3.11	3.30	3.59	3.93	3.95

LRG 8: Business, Sales

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
112 In Bus for Self (NEC)	3.34	4.26	1.56	2.19	2.88	4.88	1.56	1.26	1.58	1.27	1.70	1.90
738 Supervisor in Bus	3.93	3.45	2.18	2.56	3.52	5.87	2.04	1.69	2.00	2.07	2.38	2.80
746 Insurance Slsman	3.32	3.00	1.93	2.30	2.57	5.62	2.17	1.41	2.56	2.05	2.91	3.30
748 Other Slsman (NEC)	3.12	2.68	0.99	1.64	2.36	4.82	1.57	0.98	2.01	1.15	1.93	2.14
749 Sales Mgr	2.95	2.80	1.26	1.92	2.22	4.84	2.08	1.36	2.92	1.66	2.77	2.75

LRG 9: Mechanics, Industrial Trades

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
810 Electrician	4.22	4.14	2.66	3.26	4.32	6.16	1.66	1.93	1.33	1.66	1.58	2.19
812 Appliance Repair	4.86	4.64	3.32	3.82	4.79	7.56	2.67	2.68	2.39	2.41	2.60	3.35
820 Mechanic (NEC)	4.93	5.54	3.51	4.12	5.18	6.41	2.30	2.15	1.55	2.40	1.80	2.45
821 Auto Mechanic	5.17	6.18	3.75	4.61	5.40	6.89	2.77	2.41	2.07	2.69	2.32	3.16
822 Airplane Mechanic	4.73	5.23	2.28	3.80	5.04	6.30	2.29	2.01	1.95	2.55	2.06	2.44
828 Machinist	4.02	4.42	2.48	3.04	4.18	6.49	1.63	1.25	1.34	1.63	1.36	2.22
833 Metal Trades	5.32	5.44	3.45	3.69	5.54	7.62	2.62	2.17	2.10	1.82	1.72	2.19
861 Printing Trades	5.13	4.84	2.32	2.95	4.58	7.59	2.14	1.60	2.10	1.75	2.29	2.58

TABLE 2.3 (continued)

LRG 10: Construction Trades

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
832 Carpenter	5.89	5.44	3.40	4.34	6.11	8.16	3.12	2.81	2.14	2.45	3.08	2.58
834 Brklr, Msn, Ptr, Rfr	5.14	5.67	3.30	4.40	5.55	7.32	2.43	2.49	2.08	2.19	2.52	2.72
835 Plumber, Pipeftr	5.11	5.26	3.43	3.66	5.01	7.10	2.60	2.27	1.82	1.97	1.85	2.41
837 Misc Bldg and Const	4.76	4.71	3.25	3.77	4.87	7.31	2.28	2.16	1.96	2.19	1.84	2.45

LRG 11: Clerical Jobs

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
797 Misc Clerical	4.17	4.12	2.27	2.48	3.54	5.85	2.20	1.66	2.11	2.18		2.74

LRG 12: General, Commercial Service

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
631 Farm/Ranch Owner	5.76	6.30	4.36	5.01	6.16	9.02	4.04	3.66	3.55	3.88	2.82	3.34
639 Farming (Other)	5.40	6.12	3.90	4.55	5.72	8.13	3.50	2.97	2.94	3.14	2.43	2.64
640 Military (Rnk nt ind)	4.18	4.25	2.79	3.13	3.38	5.62	2.72	2.50	2.64	2.69	3.12	3.20
661 Police (Public)	4.22	3.94	2.19	2.39	3.18	5.57	2.14	1.25	1.77	1.37	2.30	2.19
666 Fireman	5.85	6.05	3.16	3.65	5.16	7.36	3.00	2.75	2.89	2.74	3.14	3.04
853 Auto, Bus, Trk Drvr	5.43	6.48	4.03	4.40	6.16	7.86	3.62	2.80	2.12	2.60	2.12	2.42
899 General Laborer	4.56	4.38	2.78	2.73	4.57	6.87	2.08	1.48	1.30	1.37	1.32	1.85

TABLE 2.4

MEDIAN OF d^2'S BETWEEN AN OCCUPATION AND THE OTHER OCCUPATIONS IN EACH OF TWELVE LONG RANGE GOAL CATEGORIES DATA BASED ON 45 NON-COGNITIVE VARIABLES FOR 12TH GRADE MALES

LRG 1: Engineering, Physical Science, Mathematics, and Architecture

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
211 Math, Stat	2.64	4.61	4.60	5.23	2.81	8.81	4.56	5.56	6.36	5.34	6.72	7.94
231 Chemist	1.76	2.92	2.52	3.47	3.25	8.59	2.80	3.47	4.76	3.48	5.18	5.80
232 Physicist	1.77	3.52	3.99	4.95	4.12	8.96	3.31	4.48	5.42	4.79	5.97	6.97
240 Engineer	1.60	3.70	2.53	3.93	3.52	8.66	2.33	3.07	4.27	3.57	4.73	5.70
241 Civil Engineer	2.17	3.93	2.48	4.60	4.12	8.79	2.51	3.09	4.25	3.76	4.58	4.83
242 Electrical Engineer	1.74	4.49	3.33	4.49	4.78	9.31	2.50	3.90	4.65	4.24	5.17	6.33
243 Mech Engineer	1.93	4.67	3.34	4.71	4.89	9.91	2.28	3.62	4.28	4.19	4.62	5.51
245 Chem Engineer	2.11	4.20	3.98	6.10	5.32	11.57	4.12	5.32	6.43	5.72	7.01	7.76
250 Architect	4.14	4.37	3.35	4.55	4.46	8.42	3.70	4.10	5.66	5.26	5.20	6.25
421 Teacher-HS Math	2.57	4.44	2.22	2.86	3.26	7.87	2.67	3.09	4.49	3.10	4.68	5.42
422 Teacher-HS Science	3.16	2.12	2.15	2.16	3.07	8.32	2.82	2.75	4.50	3.07	4.15	5.10
462 Coll/Univ Tchr-Sci	3.16	2.68	4.30	3.81	3.71	8.05	4.99	5.10	5.72	4.51	6.29	7.48

LRG 2: Medical and Biological Sciences

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
310 Biologist, Zoologist	4.19	3.08	4.15	4.40	4.96	8.15	3.95	5.08	6.00	4.57	6.06	6.42
329 MD-Other	4.29	2.40	4.38	4.24	3.29	8.91	5.70	5.22	7.27	5.60	7.08	8.25
332 Dentist	4.06	1.43	2.99	3.31	3.80	9.28	4.37	3.57	5.87	4.20	5.50	6.57
335 Pharmacist	2.5	2.40	2.26	3.08	3.80	8.32	2.75	2.93	4.71	3.14	4.83	5.92

LRG 3: Business Administration

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
120 Ind, Bus, Comm (NEC)	3.36	3.44	1.18	1.82	2.80	6.60	1.67	0.89	2.22	0.91	2.39	2.63
642 Military-Officer	2.26	2.97	1.64	2.36	2.39	7.85	2.38	2.18	3.69	2.81	3.92	4.28
711aBanking & Finance I	5.46	5.87	2.72	3.50	4.72	6.95	2.47	2.10	2.58	1.44	2.93	3.05
711bBanking & Finance II	3.47	3.72	1.10	2.35	2.70	7.79	2.77	1.32	3.92	2.45	4.09	4.38
716 CPA	3.24	4.50	1.23	3.13	3.72	7.92	2.35	2.04	3.51	1.85	3.97	3.72
717 Acctant (exc CPA)	3.94	4.85	1.74	2.90	3.93	7.55	2.29	1.57	3.02	1.44	3.15	3.41
723 Efficiency Expert	2.18	3.70	1.02	2.32	2.93	8.37	1.81	1.65	3.32	2.20	3.68	3.75
726 Personnel Admin	3.95	3.60	1.41	2.12	3.02	7.35	2.86	1.44	4.16	2.18	4.38	4.50
730 Bus Mgmt Adm (NEC)	2.41	3.11	0.84	1.92	2.29	6.68	1.38	0.78	2.60	1.37	2.83	3.17
731 Mgf Mgmt	2.24	2.80	1.19	2.40	2.92	8.05	1.74	1.52	3.52	2.32	3.66	3.97
732 Whsl/Ret Tr Mgt/Mktg	3.42	3.49	0.91	2.05	2.96	7.32	1.98	0.97	2.86	1.47	3.06	3.35
841 Pilot	4.38	3.10	1.38	2.42	2.88	7.20	1.55	1.90	2.66	1.86	2.89	3.25

LRG 4: Teaching

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
370 Social Worker	4.26	3.40	2.34	2.13	2.16	7.06	3.16	2.27	3.94	2.32	4.11	4.36
400 Teacher (NEC)	3.32	2.98	1.26	1.46	1.74	6.47	2.44	1.73	3.39	1.66	3.47	3.96
420 Teacher-HS (NEC)	3.51	3.68	1.91	2.16	2.16	5.50	2.71	2.04	3.71	1.96	3.92	4.53
429 Teacher-Phys Ed	6.07	6.08	3.54	3.78	5.02	10.33	4.85	3.64	5.54	4.36	4.81	5.38
521 Clergyman	5.64	5.09	4.08	2.35	2.92	6.13	5.15	4.53	5.99	4.12	5.84	6.26

TABLE 2.4 (continued)

LRG 5: Humanities, Social Science, Behavioral Science, Law

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
360 Psychologist	3.99	2.95	2.80	2.26	1.71	6.65	3.86	3.15	5.51	3.86	5.59	6.60
393 Lawyer	4.12	3.06	1.99	2.05	1.75	7.59	4.05	2.19	5.39	3.60	5.41	5.73
423 Teacher-HS Soc Stud	4.18	3.92	2.17	1.51	1.86	6.29	3.70	2.31	4.17	2.32	4.46	4.34
460 Coll/Univ Tchr (NEC)	3.71	3.98	2.91	2.00	1.60	4.91	4.05	3.21	5.32	3.77	5.24	6.28
463 Coll/Univ Tchr-SocSc	4.52	4.58	3.39	2.49	1.58	7.22	4.89	4.18	6.02	4.51	6.34	6.54
464 Coll/Univ Tchr-Engl	6.53	7.00	6.46	4.92	2.93	7.21	7.55	6.90	9.22	7.26	8.60	10.32

LRG 6: Fine Arts, Performing Arts

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
432 Teacher-Music	8.73	8.68	7.45	6.47	6.94	4.59	7.74	7.29	8.66	6.00	8.50	10.34
551 Musician	9.81	9.50	9.04	7.56	7.40	5.04	8.04	8.27	9.22	7.05	9.19	10.61
575 Theatre (Other)	7.26	6.55	5.14	5.24	4.33	6.96	5.65	5.15	6.68	5.75	6.38	7.48

LRG 7: Technical Jobs

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
125 Electronics (NEC)	2.84	3.90	2.11	3.16	4.34	7.29	1.33	1.64	1.67	1.53	2.00	2.94
222 Computer Programmer	2.14	3.59	1.31	2.64	3.16	6.67	1.20	1.88	2.70	1.43	3.09	3.12
299 Phys Sci, Lab Tech	2.58	3.61	1.79	3.07	4.03	8.02	1.39	1.41	1.82	1.32	1.85	2.44
758 Computer Operator	3.41	4.97	1.61	3.12	3.84	7.05	1.78	1.39	2.51	1.13	2.57	3.02
811 Electronic Tech	2.60	4.16	2.03	2.92	4.04	7.82	1.11	1.70	1.62	1.50	2.05	2.56
864 Draftsman	3.45	4.73	2.46	3.65	4.89	8.67	2.01	1.96	1.83	2.06	2.04	2.40
865 Photographer	5.23	5.37	3.56	3.50	4.23	7.24	2.79	2.52	3.52	2.74	3.31	3.47

LRG 8: Business, Sales

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
112 In Bus for Self (NEC)	3.35	4.04	1.58	2.22	3.11	7.13	1.48	1.17	1.65	1.63	1.67	2.18
738 Supervisor in Bus	4.22	4.58	2.03	2.85	4.30	7.29	1.66	1.34	1.69	0.95	1.66	2.21
746 Insurance Slsman	3.76	4.28	1.45	2.27	3.17	8.05	2.14	1.28	2.90	1.62	2.99	3.11
748 Other Slsman (NEC)	3.65	4.05	1.23	1.85	3.07	6.66	1.64	0.74	2.16	1.11	2.19	2.74
749 Sales Mgr	4.78	4.95	1.84	2.53	3.54	8.28	3.36	1.62	4.43	2.82	4.23	4.36

LRG 9: Mechanics, Industrial Trades

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
810 Electrician	4.44	5.43	2.91	3.74	5.11	8.43	1.32	1.78	1.00	1.70	0.90	1.77
812 Appliance Repair	4.32	5.65	2.86	3.69	4.74	6.92	1.83	2.04	1.29	1.49	1.76	2.26
820 Mechanic (NEC)	5.13	6.22	3.70	4.43	5.99	8.71	2.25	1.67	1.04	2.02	1.13	2.05
821 Auto Mechanic	6.49	8.08	4.67	5.45	6.90	9.23	2.86	3.33	1.78	2.85	1.96	2.89
822 Airplane Mechanic	4.50	6.00	3.27	4.04	5.60	8.96	1.94	2.29	1.37	1.70	1.74	2.33
828 Machinist	4.18	5.57	2.76	3.84	5.21	8.62	1.42	1.89	0.88	1.64	0.93	2.18
833 Metal Trades	5.56	6.97	3.75	4.73	6.54	9.01	2.29	2.58	1.29	1.87	1.13	2.70
861 Printing Trades	5.03	5.94	2.95	3.63	5.20	7.57	2.04	1.57	1.36	1.51	1.09	2.32

TABLE 2.4 (continued)

LRG 10: Construction Trades

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
832 Carpenter	6.00	6.29	3.90	4.52	6.45	8.96	2.54	2.66	1.39	1.27	1.82	2.72
834 Brklr, Msn, Ptr, Rfr	6.63	6.80	3.80	4.78	5.98	8.90	2.37	2.44	1.45	1.56	2.50	2.09
835 Plumber, Pipeftr	4.64	5.28	3.14	3.71	5.01	8.09	1.80	1.94	1.20	1.27	1.78	2.44
837 Misc Bldg and Const	4.07	5.21	2.94	3.30	4.83	7.72	1.68	1.75	1.04	1.25	1.40	1.96

LRG 11: Clerical Jobs

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
797 Misc Clerical	4.22	4.39	1.85	2.32	3.81	6.00	1.50	1.62	1.70	1.80		2.18

LRG 12: General, Commercial Service

	LONG RANGE GOAL CATEGORY											
	1	2	3	4	5	6	7	8	9	10	11	12
631 Farm/Ranch Owner	6.94	7.25	4.49	5.88	7.47	11.60	4.91	4.34	3.47	4.22	3.33	3.44
639 Farming (Other)	6.70	6.76	4.25	5.13	6.90	10.57	4.08	3.53	2.77	3.35	2.62	2.66
640 Military (Rnk nt ind)	4.01	2.56	2.04	2.44	3.35	6.64	2.07	1.93	2.23	1.90	2.57	2.95
661 Police (Public)	4.32	3.77	1.91	2.35	3.09	6.72	1.85	1.24	1.67	1.05	1.59	2.11
666 Fireman	6.06	6.96	4.74	5.09	6.91	10.80	2.98	2.89	2.39	2.52	2.45	2.87
853 Auto, Bus, Trk Drvr	6.07	7.39	4.38	4.53	6.41	10.34	2.94	2.74	1.45	2.18	1.86	2.51
899 General Laborer	4.79	5.79	2.60	3.41	5.04	8.25	1.72	1.49	0.86	1.12	0.89	2.11

TABLE 3.1

d^2's AMONG 74 OCCUPATIONS. DATA BASED ON 64 COGNITIVE VARIABLES FOR 11TH GRADE MALES

#	GROUP	N	211	231	232	240	241	242	243	245	250	421	422	462	310	329	332
211	MATH, STAT	42	—														
231	CHEMIST	93	2.696	—													
232	PHYSICIST	53	3.254	1.777	—												
240	ENGINEER	249	2.502	1.171	1.849	—											
241	CIVIL ENGINEER	97	2.639	1.400	2.227	0.810	—										
242	ELECTRICAL ENGINEER	234	3.015	1.218	1.592	0.905	1.079	—									
243	MECHANICAL ENGINEER	139	2.836	1.675	2.282	0.784	0.942	1.097	—								
245	CHEMICAL ENGINEER	48	3.472	2.116	2.966	1.831	2.076	2.236	1.944	—							
250	ARCHITECT	64	3.716	2.064	3.322	1.814	2.366	2.444	2.034	3.743	—						
421	TEACHER-HS MATH	65	1.966	2.147	3.428	1.816	1.305	2.218	2.064	2.654	3.230	—					
422	TEACHER-HS SCI	68	3.966	1.683	3.714	2.034	2.156	1.932	2.293	3.667	2.697	2.556	—				
462	COLL/UNIV TCHR-SCI	48	4.140	2.002	2.656	1.886	2.189	2.163	2.127	2.319	3.055	3.191	2.524	—			
310	BIOLOGIST, ZOOLOGIST	48	5.214	2.464	4.609	2.523	2.849	2.974	2.600	3.616	2.755	3.774	2.441	3.005	—		
329	MD-OTHER	186	2.335	1.390	2.557	1.553	1.971	2.453	2.190	2.525	2.254	2.486	3.071	1.753	3.364	—	
332	DENTIST	92	2.778	1.908	4.021	1.710	1.779	2.591	1.920	3.082	2.538	2.027	2.417	2.481	2.800	1.538	—
335	PHARMACIST	89	2.973	1.652	3.725	1.845	2.072	2.111	1.838	2.816	2.796	1.818	2.013	2.280	2.642	2.023	1.564
120	IND, BUS, COMM (NEC)	161	3.819	2.641	4.931	2.305	2.603	2.860	2.751	4.094	2.969	2.499	2.695	4.055	2.710	2.965	2.069
642	MILITARY OFFICERS	111	3.337	1.764	3.140	1.076	1.319	1.734	1.426	2.995	1.980	2.205	1.847	2.077	2.080	2.113	1.572
711A	BANKING & FINANCE, I	66	5.697	4.534	6.641	3.595	4.174	4.455	3.784	5.080	3.632	3.945	4.225	5.235	4.195	4.326	3.544
711B	BANKING & FINANCE, II	114	3.499	2.221	4.520	2.174	2.483	2.941	2.264	3.629	2.652	2.112	2.391	3.304	2.872	2.247	1.770
716	CPA	167	2.919	2.334	4.001	1.722	1.871	2.428	1.837	3.190	2.451	1.794	2.535	3.062	3.077	2.182	1.703
717	ACCNT (EXC CPA)	329	3.015	2.757	4.853	2.125	2.284	2.669	2.152	3.351	2.963	1.753	2.646	3.647	2.988	2.939	2.163
723	EFFICIENCY EXPERT	130	3.345	1.525	3.344	1.275	1.547	1.568	1.298	3.053	1.874	1.899	1.449	2.378	1.750	2.057	1.433
726	PERSONNEL ADMIN	72	4.052	2.763	4.564	2.122	2.451	2.951	2.485	4.187	2.874	2.615	2.672	2.912	2.589	2.536	2.253
730	BUS, MGMT, ADM (NEC)	514	3.703	2.261	4.565	1.809	2.241	2.528	2.053	3.667	1.965	2.276	1.997	3.122	1.934	2.379	1.684
731	MFG MGMT	55	4.362	2.752	4.588	2.125	2.386	2.606	2.539	3.680	3.578	3.308	3.066	4.040	3.404	3.298	2.364
732	WHSL/RET TRADE MGMT/MKTG	204	3.547	2.623	4.721	1.862	2.224	2.541	1.967	3.784	2.383	2.432	2.460	3.276	2.398	2.765	1.858
841	PILOT	144	3.915	1.751	2.857	1.256	1.453	1.543	1.465	2.926	2.082	2.546	1.697	2.543	2.044	2.587	2.190
370	SOCIAL WORKER	65	4.091	3.160	5.241	3.048	3.451	3.774	3.137	4.685	2.939	3.065	3.008	3.895	3.581	3.109	2.470
400	TEACHER (NEC)	478	3.550	2.112	4.408	1.768	2.051	2.585	1.935	3.501	2.149	2.058	1.653	2.661	1.813	2.209	1.420
420	TEACHER-HS (NEC)	98	3.666	2.775	5.092	2.308	2.372	3.014	2.326	3.758	2.920	2.561	2.439	3.083	2.770	2.508	1.846
429	TEACHER-PHYS ED	57	5.901	4.732	7.522	3.987	4.218	5.194	4.516	6.761	4.066	4.044	3.677	5.683	3.407	5.325	3.701
521	CLERGYMAN	177	4.252	3.942	5.473	3.782	3.878	4.269	3.579	4.624	3.934	3.911	4.373	3.731	3.905	3.123	3.460
360	PSYCHOLOGIST	94	3.255	2.078	4.233	2.436	2.532	3.001	2.851	3.767	2.426	2.817	2.949	3.045	2.545	1.967	2.191
393	LAWYER	342	2.971	1.922	3.534	1.702	2.311	3.034	2.437	3.345	2.346	2.529	2.917	2.445	2.995	1.073	1.286
423	TEACHER-HS SOC ST	95	4.637	3.296	5.944	3.008	3.319	4.003	3.432	4.522	3.025	3.005	2.616	4.089	3.187	3.356	2.531
460	COLL/UNIV TCHR (NEC)	214	2.637	1.548	2.816	1.485	1.875	2.336	1.859	2.770	2.119	2.064	2.222	1.931	2.370	1.262	1.592
463	COLL/UNIV TCHR-SOC SCI	91	3.701	2.774	4.775	2.831	3.104	4.045	3.678	4.305	3.146	3.042	3.540	3.109	3.866	1.873	2.033
464	COLL/UNIV TCHR-ENGLISH	44	4.673	3.382	5.226	3.897	4.366	5.149	4.387	5.235	3.813	4.495	4.567	3.884	3.887	2.239	2.678
432	TEACHER-MUSIC	30	7.595	6.786	9.210	6.625	7.229	7.045	6.948	9.067	6.426	6.762	6.400	6.591	6.181	6.506	5.166
551	MUSICIAN	17	9.756	8.489	11.693	9.474	9.349	9.677	9.374	10.889	7.148	9.284	8.902	8.525	9.488	8.283	7.629
575	THEATRE (OTHER)	25	8.976	7.252	10.013	7.035	7.470	7.317	7.571	9.610	6.223	7.442	7.502	8.148	6.615	6.829	6.662
125	ELECTRONICS (NEC)	113	5.450	3.173	5.102	3.002	2.970	2.497	2.673	4.850	2.792	3.402	2.682	4.460	3.112	4.634	3.517
222	COMPUTER PROGRAMMER	173	3.013	2.044	3.768	1.485	1.678	1.858	1.586	3.184	1.679	1.836	2.115	2.995	2.241	2.542	1.922
299	PHYS SCI, LAB TECH	100	4.442	3.235	5.559	2.770	2.862	3.175	2.810	4.680	3.284	2.801	2.651	4.523	3.104	3.928	2.712
758	COMPUTER OPERATOR	97	5.128	4.530	7.060	3.780	4.124	4.346	3.889	6.041	4.187	3.786	3.683	5.931	4.005	4.989	4.107
811	ELECTRONIC TECH	259	4.928	2.728	3.977	2.221	2.345	1.756	2.068	3.940	2.833	3.034	2.456	3.896	2.145	4.167	3.191
864	DRAFTSMAN	134	4.853	3.494	5.567	2.867	2.091	2.711	2.857	4.779	2.913	3.347	2.712	4.868	3.177	4.848	3.586
865	PHOTOGRAPHY	37	6.705	4.394	6.336	4.537	5.315	4.200	5.008	7.084	3.932	6.029	4.228	5.200	5.175	5.255	5.088
112	IN BUS FOR SELF (NEC)	255	4.593	3.256	5.535	2.712	2.855	3.063	2.719	4.434	2.889	3.178	2.620	4.533	2.860	3.997	2.664
738	SUPERVISOR IN BUS	53	6.902	4.860	7.272	4.129	4.249	4.424	4.268	5.745	3.915	4.251	3.521	5.879	3.143	5.495	4.250
746	INSURANCE SLSMAN	69	5.207	3.701	6.631	3.593	3.985	4.429	3.829	5.346	3.049	3.573	3.755	4.948	3.492	3.986	3.147
748	OTHER SLSMAN (NEC)	327	4.704	3.159	5.618	2.769	2.979	3.189	2.877	4.995	2.666	2.968	2.779	4.287	2.885	3.591	2.410
749	SALES MGR	63	5.275	3.546	6.138	2.983	3.365	3.954	3.259	5.278	2.358	3.592	3.160	4.047	2.997	3.245	2.288
810	ELECTRICIAN	211	5.576	3.713	5.965	3.322	3.547	3.247	3.377	5.115	3.534	3.801	3.085	5.411	3.096	5.072	3.896
812	APPLIANCE REPAIR	51	6.406	[illegible]	[illegible]	3.968	3.736	3.372	3.547	5.165	4.462	4.351	3.443	5.839	3.434	5.735	4.635
820	MECHANIC (NEC)	133	7.193	[illegible]	[illegible]	4.373	4.173	4.016	3.878	5.897	4.620	4.783	4.081	6.538	3.950	6.632	5.316
821	AUTO MECHANIC	112	7.107	[illegible]	[illegible]	4.491	4.533	4.249	4.064	5.876	4.738	5.140	4.180	6.523	4.268	6.753	5.447
822	AIRPLANE MECHANIC	101	7.403	4.901	[illegible]	4.568	4.315	4.365	4.273	5.787	4.578	4.717	4.019	5.955	4.031	6.389	5.268
828	MACHINIST	276	5.893	3.955	6.123	3.312	3.314	3.502	3.046	5.060	3.273	3.862	3.153	5.163	2.985	5.207	3.825
833	METAL TRADES	119	7.195	5.516	8.002	4.875	4.851	5.205	4.687	6.737	4.781	5.114	4.334	6.965	4.344	6.714	4.987
861	PRINTING TRADES	104	6.052	4.839	7.566	4.230	4.379	4.419	4.141	6.278	4.055	4.564	3.633	6.235	3.658	5.568	4.192
797	MISC CLERICAL	108	5.637	4.915	7.331	4.519	4.370	4.678	4.648	6.222	4.566	3.760	3.562	6.117	4.501	5.493	4.557
832	CARPENTER	63	7.707	6.313	8.608	5.494	5.522	5.739	5.220	7.805	5.384	5.817	4.602	7.387	4.627	7.314	5.577
834	BRKLYR, MASON PTR, RFR	66	8.300	6.355	9.480	5.686	5.711	5.425	5.433	7.427	5.775	5.766	5.012	7.350	5.084	7.128	5.946
835	PLUMBER, PIPEFTR	81	6.464	5.461	7.859	4.580	4.254	4.859	4.361	6.456	5.224	4.515	4.630	7.090	4.600	6.604	4.748
837	MISC BLDG & CONST	43	7.268	5.535	7.996	5.197	5.408	5.284	4.491	7.408	4.882	5.937	4.434	6.862	4.595	6.832	5.267
631	FARM/RANCH OWNER	123	7.902	6.427	8.318	5.601	5.485	5.572	5.124	7.056	6.445	5.586	4.790	7.079	5.372	7.150	5.659
639	FARMING (OTHER)	204	7.011	6.204	7.933	5.519	5.461	5.508	5.089	7.544	5.855	4.920	4.697	6.969	5.406	6.960	5.676
640	MILITARY (RANK NOT IND)	51	5.705	3.905	5.898	3.961	3.713	4.103	4.057	6.406	3.407	4.319	3.318	5.209	3.681	4.675	3.872
661	POLICE (PUBLIC)	188	5.478	4.105	6.607	3.601	3.696	4.111	3.777	5.438	3.683	3.653	3.420	5.263	3.358	4.589	3.568
666	FIREMAN	68	6.652	4.999	8.204	4.893	4.911	5.445	4.996	6.050	4.361	5.092	4.167	6.743	4.319	6.471	5.087
853	AUTO, BUS, TRUCK DRVR	91	7.705	5.746	8.036	5.209	4.923	5.315	4.806	6.832	4.966	5.307	4.890	6.930	4.356	6.754	5.460
899	GENERAL LABORER	314	6.281	4.769	7.045	4.464	4.243	4.647	4.403	6.265	4.457	4.099	3.568	5.970	3.869	5.857	4.584

TABLE 3.1 (continued)

#	GROUP	N	335	120	642	711	711	716	717	723	726	730	731	732	841	370	400
335	PHARMACIST	89	—														
120	IND, BUS, COMM (NEC)	161	2.107	—													
642	MILITARY OFFICERS	111	1.971	2.137	—												
711A	BANKING & FINANCE, I	66	3.179	1.652	3.634	—											
711B	BANKING & FINANCE, II	114	1.710	1.220	1.991	2.248	—										
716	CPA	167	1.536	1.352	1.784	2.392	1.290	—									
717	ACCNT (EXC CPA)	329	1.347	1.011	2.122	1.672	1.190	0.821	—								
723	EFFICIENCY EXPERT	130	1.397	0.939	0.947	1.961	1.016	1.032	1.126	—							
726	PERSONNEL ADMIN	72	1.772	1.325	1.652	2.470	1.592	1.363	1.244	1.171	—						
730	BUS, MGMT, ADM (NEC)	514	1.443	0.500	1.298	1.521	0.915	0.888	0.704	0.491	0.775	—					
731	MFG MGMT	55	2.576	1.611	2.170	2.826	2.024	2.262	2.205	1.556	2.182	1.665	—				
732	WHSL/RET TRADE MGMT/MKTG	204	1.565	0.713	1.581	1.649	1.187	0.803	0.668	0.690	0.956	0.304	1.766	—			
841	PILOT	164	1.974	1.386	1.040	2.617	1.784	1.735	1.705	0.780	1.403	0.916	1.675	1.197	—		
370	SOCIAL WORKER	65	2.444	1.770	2.694	2.661	1.704	1.667	1.673	1.706	1.884	1.270	2.954	1.393	2.478	—	
400	TEACHER (NEC)	478	1.303	0.948	1.320	1.899	0.987	0.921	0.943	0.629	0.883	0.342	1.713	0.566	1.230	0.936	—
420	TEACHER-HS (NEC)	98	1.793	1.604	2.073	2.027	1.452	1.361	1.387	1.044	1.487	1.000	2.027	1.116	1.858	1.602	0.757
429	TEACHER-PHYS ED	57	3.438	2.058	3.475	2.813	2.619	2.739	2.199	2.309	2.236	1.645	3.579	1.678	2.832	2.727	1.679
521	CLERGYMAN	177	3.125	2.981	3.336	3.792	3.008	2.913	2.706	2.533	2.511	2.509	4.277	2.545	3.734	1.977	2.134
360	PSYCHOLOGIST	94	2.166	2.376	2.503	3.659	1.992	2.017	2.328	1.947	2.005	1.795	3.167	1.929	2.460	2.035	1.722
393	LAWYER	342	1.931	1.914	1.642	3.104	1.351	1.324	1.905	1.416	1.600	1.250	2.534	1.452	1.957	1.889	1.310
423	TEACHER-HS SOC ST	85	2.594	1.814	2.169	2.118	1.627	2.126	1.553	1.620	1.831	1.026	2.720	1.609	1.914	1.472	1.037
460	COLL/UNIV TCHR (NEC)	214	1.431	1.876	1.520	2.857	1.284	1.245	1.501	1.109	1.396	1.116	2.383	1.298	1.535	1.251	0.928
463	COLL/UNIV TCHR-SOC SCI	81	2.689	2.524	2.297	3.755	2.120	2.272	2.608	2.202	2.418	1.908	3.534	2.188	2.728	2.029	1.765
464	COLL/UNIV TCHR-ENGLISH	44	3.449	3.611	3.139	5.217	3.354	3.791	3.932	3.102	3.222	3.073	4.410	3.480	3.860	3.117	2.977
432	TEACHER-MUSIC	30	5.101	5.386	6.070	6.037	6.109	5.544	5.686	5.102	4.523	4.610	6.529	4.605	6.210	4.235	4.132
551	MUSICIAN	17	8.119	7.440	8.050	8.299	7.505	7.147	7.505	7.443	7.377	6.563	9.745	6.837	8.315	6.290	6.621
575	THEATRE (OTHER)	25	6.357	4.794	6.365	5.682	6.129	5.273	5.165	5.020	4.326	4.278	7.089	4.375	5.741	5.080	4.883
125	ELECTRONICS (NEC)	113	2.719	2.011	2.909	2.890	2.827	2.268	2.119	1.543	2.495	1.692	2.757	2.001	1.843	3.503	2.089
222	COMPUTER PROGRAMMER	173	1.625	1.144	1.624	2.166	1.549	1.077	0.889	0.921	1.290	0.703	2.013	0.853	1.180	1.812	0.907
299	PHYS SCI, LAB TECH	100	2.240	1.172	2.140	1.982	1.937	1.718	1.277	1.135	1.760	0.925	2.457	1.152	1.735	1.962	1.086
758	COMPUTER OPERATOR	97	3.201	1.495	3.552	2.035	2.447	2.206	1.389	2.264	2.129	1.465	3.191	1.520	2.394	2.871	1.926
811	ELECTRONIC TECH	258	2.367	1.492	2.052	2.653	2.389	2.056	1.746	1.118	2.056	1.364	2.159	1.463	1.208	3.023	1.735
864	DRAFTSMAN	134	2.883	1.418	2.955	2.371	2.496	2.368	1.646	1.657	2.256	1.480	2.674	1.465	1.648	2.951	1.932
865	PHOTOGRAPHY	37	4.280	3.584	4.499	3.893	4.010	3.810	4.037	3.277	3.220	3.011	4.719	3.325	3.274	3.389	3.447
112	IN BUS FOR SELF (NEC)	255	2.325	0.614	2.517	1.420	1.840	1.668	1.119	1.207	1.820	0.741	1.707	0.813	1.327	2.251	1.170
738	SUPERVISOR IN BUS	53	3.050	2.148	3.859	2.096	3.184	3.130	2.051	2.394	2.730	1.801	3.663	1.875	2.597	3.376	2.128
746	INSURANCE SLSMAN	69	2.676	1.443	3.256	1.901	1.492	2.336	1.764	1.773	1.706	1.192	2.743	1.627	2.298	2.486	1.643
748	OTHER SLSMAN (NEC)	327	1.792	0.617	2.316	1.572	1.337	1.319	0.980	1.046	1.203	0.449	1.910	0.509	1.572	1.740	0.899
749	SALES MGR	63	2.181	1.237	2.344	1.562	1.648	1.702	1.722	1.441	1.301	0.767	2.167	0.961	1.906	1.872	1.075
810	ELECTRICIAN	211	2.831	1.034	3.134	2.053	2.695	2.586	1.648	1.696	2.285	1.291	2.365	1.409	1.784	3.007	1.831
812	APPLIANCE REPAIR	51	3.563	2.109	3.924	3.389	3.397	3.195	2.756	2.345	3.060	2.340	3.271	2.647	2.350	4.528	2.790
820	MECHANIC (NEC)	133	4.040	2.343	4.289	2.440	4.007	3.792	2.734	2.700	3.375	2.609	3.357	2.620	2.947	4.289	2.967
821	AUTO MECHANIC	112	3.984	2.352	4.485	2.716	3.816	3.817	2.825	2.946	3.847	2.739	3.490	2.817	2.891	4.758	3.112
822	AIRPLANE MECHANIC	101	4.158	2.138	4.041	2.600	3.575	3.725	2.844	2.688	3.369	2.412	2.982	2.497	2.594	3.689	2.730
828	MACHINIST	276	2.863	1.363	3.141	1.826	2.613	2.718	1.794	1.726	2.602	1.388	2.430	1.458	1.939	3.419	1.884
833	METAL TRADES	119	4.348	2.071	4.456	2.663	3.924	4.073	3.035	3.130	3.518	2.604	3.580	2.916	3.360	4.503	3.023
861	PRINTING TRADES	104	3.474	1.655	3.771	1.957	2.691	2.821	1.620	2.272	2.471	1.656	3.089	1.734	2.814	2.783	1.904
797	MISC CLERICAL	108	3.378	1.615	3.893	2.418	2.979	2.577	1.659	2.439	2.224	1.768	3.406	2.141	2.952	2.567	2.112
832	CARPENTER	63	4.934	2.683	5.193	2.826	4.865	4.603	3.399	3.398	4.321	2.987	4.497	3.045	3.864	4.663	3.446
834	BRKLYR, MASON PTR, RFR	66	5.018	2.707	5.310	3.294	4.390	4.759	3.692	3.702	4.279	3.322	4.488	3.528	3.959	4.797	3.801
835	PLUMBER, PIPEFTR	81	4.322	1.777	4.283	2.539	3.540	3.307	2.243	2.871	3.062	2.354	2.934	2.091	2.949	3.984	2.947
837	MISC BLDG & CONST	43	4.508	3.436	4.696	3.441	4.875	4.478	3.380	3.353	4.664	3.092	4.694	3.316	3.526	4.634	3.476
631	FARM/RANCH OWNER	123	4.639	3.046	4.912	3.668	4.552	4.928	3.679	3.583	4.512	3.374	4.409	3.545	4.046	5.121	3.521
639	FARMING (OTHER)	204	4.317	3.209	4.928	3.490	4.646	5.071	3.391	3.696	4.133	3.369	5.050	3.539	4.304	4.801	3.394
640	MILITARY (RANK NOT IND)	51	3.557	2.190	2.978	3.223	2.451	3.093	2.773	2.207	2.974	1.920	3.728	2.186	2.681	2.989	2.245
661	POLICE (PUBLIC)	188	3.013	0.914	2.932	1.664	1.765	2.204	1.185	1.760	1.667	0.905	2.164	1.109	1.774	1.989	1.431
666	FIREMAN	48	4.324	2.271	4.516	2.954	3.846	4.012	2.892	3.145	3.774	2.505	4.394	2.854	3.180	4.360	3.214
853	AUTO, BUS, TRUCK DRVR	91	4.503	2.315	4.584	2.663	3.795	4.145	2.309	3.263	3.405	2.515	4.115	2.483	3.263	4.131	3.014
899	GENERAL LABORER	314	3.483	1.592	3.968	2.040	2.971	3.213	2.046	2.483	2.700	1.916	3.430	2.014	2.776	3.428	2.182

TABLE 3.1 (continued)

#	GROUP	N	420	429	521	360	393	423	460	463	464	432	551	575	125	222	299
420	TEACHER-HS (NEC)	98	—														
429	TEACHER-PHYS ED	57	2.135	—													
521	CLERGYMAN	177	2.352	4.680	—												
360	PSYCHOLOGIST	94	2.140	3.523	2.373	—											
393	LAWYER	342	1.850	3.296	2.520	1.460	—										
423	TEACHER-HS SOC ST	85	1.708	2.162	2.939	2.391	2.000	—									
460	COLL/UNIV TCHR (NEC)	214	1.473	3.139	1.775	1.215	0.668	1.484	—								
463	COLL/UNIV TCHR-SOC SCI	81	2.522	4.285	2.363	1.671	0.998	1.844	1.072	—							
464	COLL/UNIV TCHR-ENGLISH	44	3.993	5.944	2.869	2.189	1.908	3.785	1.939	2.070	—						
432	TEACHER-MUSIC	30	4.839	6.421	4.144	4.290	5.530	5.885	4.621	5.228	5.414	—					
551	MUSICIAN	17	7.836	8.012	8.025	6.507	7.564	7.578	7.117	7.603	8.321	5.933	—				
575	THEATRE (OTHER)	25	6.276	6.325	5.115	4.062	5.335	4.980	5.081	4.906	5.928	5.774	9.332	—			
125	ELECTRONICS (NEC)	113	2.365	3.639	4.581	3.541	4.180	3.142	3.220	5.136	6.086	5.433	9.047	5.558	—		
222	COMPUTER PROGRAMMER	173	1.462	2.363	2.767	1.754	1.772	1.761	1.375	2.726	3.615	5.297	7.287	5.021	1.578	—	
299	PHYS SCI, LAB TECH	100	1.679	2.002	2.969	3.077	3.039	1.653	2.110	3.411	4.379	5.193	7.106	5.155	2.049	1.394	—
758	COMPUTER OPERATOR	97	2.927	3.043	4.226	3.483	3.734	2.171	3.135	3.969	5.710	6.122	7.973	4.786	2.234	1.746	1.787
811	ELECTRONIC TECH	259	2.309	3.307	3.938	3.356	3.648	2.846	2.699	4.401	5.388	6.072	9.399	5.441	0.756	1.406	1.658
864	DRAFTSMAN	134	2.701	2.609	4.431	3.458	4.012	2.769	3.151	4.880	6.009	6.126	7.830	5.374	1.348	1.245	1.648
865	PHOTOGRAPHY	37	3.602	4.800	4.949	4.148	4.471	3.745	3.902	5.279	6.430	6.081	8.266	5.668	3.179	3.240	3.807
112	IN BUS FOR SELF (NEC)	255	1.805	2.037	3.866	3.178	2.864	1.972	2.485	3.707	4.625	5.685	7.549	5.360	1.432	1.185	1.073
738	SUPERVISOR IN BUS	53	2.556	2.651	4.709	3.973	4.410	2.793	3.719	5.269	6.026	6.736	9.208	6.096	2.422	2.144	2.080
746	INSURANCE SLSMAN	69	2.017	2.248	3.717	3.016	2.724	2.133	2.620	3.400	4.377	6.128	7.916	5.670	2.836	1.205	1.917
748	OTHER SLSMAN (NEC)	327	1.541	1.759	3.058	2.603	2.169	1.923	1.949	2.996	3.922	4.675	7.183	4.669	1.563	1.080	1.085
749	SALES MGR	63	1.921	1.965	3.149	2.339	1.813	1.702	2.022	2.554	3.700	4.403	6.730	4.234	2.565	1.720	1.786
810	ELECTRICIAN	211	2.689	2.613	4.290	3.693	4.140	2.671	3.251	4.806	5.278	6.048	8.386	5.116	1.291	1.471	1.262
812	APPLIANCE REPAIR	51	3.570	4.352	5.359	4.855	5.117	3.884	4.371	6.103	7.069	7.982	10.407	7.205	1.683	2.354	2.439
820	MECHANIC (NEC)	133	3.923	3.859	5.269	5.366	5.992	4.094	4.779	6.839	7.178	7.495	9.654	6.499	2.193	2.857	1.956
821	AUTO MECHANIC	112	3.942	4.211	5.497	5.608	6.019	4.332	4.827	6.976	7.497	7.502	9.557	7.325	1.673	2.880	2.426
822	AIRPLANE MECHANIC	101	4.016	3.530	5.450	5.047	5.552	3.296	4.191	5.864	6.847	7.582	9.982	6.145	2.382	2.897	2.039
828	MACHINIST	276	2.662	2.618	4.470	3.992	4.182	2.903	3.374	4.862	5.787	6.245	8.238	6.076	1.395	1.721	1.562
833	METAL TRADES	119	3.901	3.719	5.472	5.660	5.759	4.075	4.958	6.902	6.880	7.809	9.873	7.434	2.746	2.934	2.208
861	PRINTING TRADES	104	2.518	2.553	4.129	4.206	4.414	2.624	3.618	4.997	6.025	6.097	8.474	5.646	2.206	1.841	1.580
797	MISC CLERICAL	108	2.711	3.081	4.055	3.987	4.195	2.493	3.444	4.614	5.786	6.330	9.232	5.321	2.394	2.003	1.775
832	CARPENTER	63	3.964	3.667	5.589	5.611	6.231	4.721	5.321	7.295	6.912	7.266	10.007	7.988	3.052	3.437	2.556
834	BRKLYR, MASON PTR, RFR	66	4.683	4.793	5.923	6.236	6.495	4.862	5.713	7.620	6.555	8.092	10.490	7.934	3.059	3.768	3.143
835	PLUMBER, PIPEFTR	81	4.031	3.548	5.706	4.648	4.933	3.906	4.605	5.960	6.556	7.824	9.757	6.278	2.744	2.590	2.499
837	MISC BLDG & CONST	43	4.181	3.887	6.202	5.935	6.030	3.944	4.980	7.059	7.830	8.142	9.197	7.940	3.087	3.315	2.850
631	FARM/RANCH OWNER	123	3.979	4.929	5.782	6.990	6.681	4.737	5.786	7.184	8.301	8.264	12.045	9.237	3.613	4.409	2.852
639	FARMING (OTHER)	204	4.168	4.931	5.080	6.200	6.404	4.563	5.317	6.689	7.419	7.268	11.297	8.228	3.860	3.996	2.933
640	MILITARY (RANK NOT IND)	51	2.905	3.402	4.379	3.928	3.634	3.157	3.256	4.475	4.817	6.852	7.979	6.814	3.031	2.292	2.378
661	POLICE (PUBLIC)	188	2.104	2.367	3.533	2.932	2.991	1.474	2.382	3.151	4.444	6.125	7.715	4.451	2.139	1.576	1.477
666	FIREMAN	48	4.060	3.531	5.784	4.682	5.232	3.515	4.574	5.760	6.423	7.866	7.976	7.119	3.036	2.624	2.241
853	AUTO, BUS, TRUCK DRVR	91	4.031	3.459	5.498	5.306	5.673	3.792	4.793	6.498	7.051	7.895	9.146	6.090	2.864	2.893	2.362
899	GENERAL LABORER	314	3.115	2.725	4.439	4.402	4.642	3.119	3.938	5.350	5.903	6.715	8.815	6.423	2.421	2.188	1.723

TABLE 3.1 (continued)

#	GROUP	N	758	811	864	865	112	738	746	748	749	810	812	820	821	822	828
758	COMPUTER OPERATOR	97	—														
811	ELECTRONIC TECH	258	2.079	—													
864	DRAFTSMAN	134	1.484	1.053	—												
865	PHOTOGRAPHY	37	3.736	3.188	3.422	—											
112	IN BUS FOR SELF (NEC)	255	1.251	1.178	0.929	3.437	—										
738	SUPERVISOR IN BUS	53	2.482	1.974	1.848	4.352	1.517	—									
746	INSURANCE SLSMAN	69	2.288	2.667	2.130	3.144	1.620	2.677	—								
748	OTHER SLSMAN (NEC)	327	1.591	1.424	1.292	2.983	0.643	1.626	1.221	—							
749	SALES MGR	63	2.129	2.553	2.314	3.308	1.350	2.399	1.642	0.843	—						
810	ELECTRICIAN	211	1.406	0.942	0.719	3.637	0.480	1.477	2.050	1.010	2.244	—					
812	APPLIANCE REPAIR	51	2.647	1.265	1.730	4.434	1.747	2.310	3.190	2.225	3.441	1.419	—				
820	MECHANIC (NEC)	133	2.762	1.509	1.502	4.774	1.390	2.008	3.134	2.041	3.221	0.950	1.655	—			
821	AUTO MECHANIC	112	2.304	1.629	1.701	4.994	1.455	2.502	3.312	2.222	3.388	1.025	1.771	1.134	—		
822	AIRPLANE MECHANIC	101	2.450	1.825	1.724	4.506	1.461	2.443	3.153	1.997	3.014	1.152	2.492	1.087	1.856	—	
828	MACHINIST	276	1.774	1.136	0.909	4.228	0.601	1.399	2.065	0.989	2.085	0.528	1.581	0.881	0.926	1.228	—
833	METAL TRADES	119	2.846	2.321	1.809	4.794	1.606	2.369	2.701	1.920	3.294	1.243	2.274	1.145	1.553	1.676	1.126
861	PRINTING TRADES	104	1.478	1.759	1.228	3.955	1.050	1.710	2.401	1.302	2.335	1.054	2.479	1.642	1.864	1.983	1.183
797	MISC CLERICAL	108	1.547	2.243	1.790	3.996	1.557	2.233	2.254	1.669	2.758	1.520	2.489	2.344	2.551	2.264	1.892
832	CARPENTER	63	3.330	3.023	2.415	5.928	1.914	2.313	3.515	2.340	3.660	1.620	3.057	1.708	2.178	2.571	1.567
834	BRKLYR, MASON PTR, RFR	66	3.168	2.684	2.556	4.744	2.096	2.611	3.691	2.607	3.767	1.676	2.838	1.754	1.831	2.365	2.022
835	PLUMBER, PIPEFTR	81	2.134	2.414	1.777	5.570	1.313	2.515	3.081	1.707	2.955	1.351	2.772	1.669	2.309	1.645	1.425
837	MISC BLDG & CONST	43	2.893	2.984	2.392	5.797	2.337	3.029	4.086	3.091	4.128	2.353	3.757	2.974	2.812	2.833	2.042
631	FARM/RANCH OWNER	123	4.430	2.957	3.800	6.705	2.599	2.985	4.273	3.013	4.344	2.569	2.962	2.251	2.450	3.159	2.134
639	FARMING (OTHER)	204	4.159	3.322	3.650	6.612	2.910	2.781	4.228	3.100	4.266	2.705	3.449	2.402	2.795	3.517	2.296
640	MILITARY (RANK NOT IND)	51	3.341	2.274	2.631	3.689	2.137	2.745	3.057	1.993	2.914	2.378	2.887	3.308	3.598	3.327	2.691
661	POLICE (PUBLIC)	188	1.103	1.677	1.424	3.449	0.866	1.681	1.455	0.858	1.631	0.985	2.283	2.032	2.136	1.643	1.137
666	FIREMAN	48	2.319	2.996	1.839	4.701	1.625	2.549	2.959	2.447	3.149	1.673	2.737	2.425	2.571	2.562	1.856
853	AUTO, BUS, TRUCK DRVR	91	2.540	2.146	1.841	4.934	1.656	1.720	3.198	2.030	3.250	1.286	2.348	1.322	1.739	1.248	1.187
899	GENERAL LABORER	314	1.983	1.927	1.575	4.186	1.157	1.508	2.062	1.424	2.601	0.926	1.767	1.152	1.400	1.493	0.928

TABLE 3.1 (continued)

#	GROUP	N	833	861	797	832	834	835	837	631	639	640	661	666	853	899
833	METAL TRADES	119	—													
861	PRINTING TRADES	104	1.577	—												
797	MISC CLERICAL	108	1.998	1.368	—											
832	CARPENTER	63	1.470	2.514	3.072	—										
834	BRKLYR, MASON PTR, RFR	66	1.747	2.356	2.726	2.186	—									
835	PLUMBER, PIPEFTR	81	1.758	1.949	1.943	2.104	2.463	—								
837	MISC BLDG & CONST	43	2.592	2.411	3.276	2.295	3.847	3.397	—							
631	FARM/RANCH OWNER	123	2.283	2.963	3.574	2.649	3.288	3.542	4.299	—						
639	FARMING (OTHER)	204	2.215	2.872	3.269	2.492	3.365	3.401	4.058	0.969	—					
640	MILITARY (RANK NOT IND)	51	3.199	2.603	3.012	3.530	3.487	3.682	4.513	4.269	4.143	—				
661	POLICE (PUBLIC)	198	2.037	1.355	1.217	2.672	2.666	1.505	3.241	3.299	3.214	2.395	—			
666	FIREMAN	48	2.200	2.082	2.514	2.765	2.897	2.507	3.565	4.782	4.472	2.952	2.246	—		
853	AUTO, BUS, TRUCK DRVR	91	1.177	1.313	2.032	2.199	1.932	1.688	2.466	2.557	2.323	2.740	1.652	2.354	—	
899	GENERAL LABORER	314	0.819	1.165	1.316	1.419	1.602	1.528	2.736	2.061	1.741	2.055	1.314	1.738	0.787	—

TABLE 3.2

d^2's AMONG 74 OCCUPATIONS. DATA BASED ON 45 NON-COGNITIVE VARIABLES FOR 11TH GRADE MALES

#	GROUP	N	211	231	232	240	241	242	243	245	250	421	422	462	310	329	332
211	MATH, STAT	42	—														
231	CHEMIST	93	1.833	—													
232	PHYSICIST	53	2.496	2.086	—												
240	ENGINEER	249	1.695	1.290	2.105	—											
241	CIVIL ENGINEER	97	2.070	1.446	2.692	0.597	—										
242	ELECTRICAL ENGINEER	234	1.725	1.168	2.101	0.448	0.869	—									
243	MECHANICAL ENGINEER	139	1.855	1.542	2.901	0.517	0.914	0.643	—								
245	CHEMICAL ENGINEER	48	2.121	1.545	2.584	1.131	2.105	1.315	1.397	—							
250	ARCHITECT	64	3.983	2.975	4.643	2.185	2.371	2.692	2.889	3.975	—						
421	TEACHER-HS MATH	65	2.190	2.215	4.490	1.698	1.488	2.315	1.754	2.759	4.091	—					
422	TEACHER-HS SCI	68	3.217	2.161	4.495	2.333	2.039	2.270	2.576	3.029	3.390	2.510	—				
462	COLL/UNIV TCHR-SCI	48	2.878	2.231	2.157	2.483	2.692	2.603	3.040	3.087	4.474	3.147	2.359	—			
310	BIOLOGIST, ZOOLOGIST	48	4.986	2.781	5.018	3.261	3.078	3.419	3.536	4.276	3.395	3.865	1.886	3.003	—		
329	MD-OTHER	186	3.391	2.347	3.787	2.834	3.212	3.247	3.539	2.862	4.268	3.645	2.412	1.663	2.943	—	
332	DENTIST	92	3.835	2.689	5.292	2.837	3.357	3.281	3.355	3.133	3.616	3.136	2.343	2.883	2.442	1.270	—
335	PHARMACIST	89	2.491	1.642	3.436	1.614	1.875	1.958	2.166	2.231	2.931	2.265	1.548	2.269	2.822	1.729	1.562
120	IND, BUS, COMM (NEC)	161	3.484	2.925	5.232	2.413	2.379	2.619	2.818	4.304	2.950	3.053	1.797	4.033	2.825	3.875	2.865
642	MILITARY OFFICERS	111	2.237	1.710	2.905	1.203	1.504	1.657	1.965	2.311	2.799	1.920	2.024	1.904	2.714	2.511	2.616
711A	BANKING & FINANCE, I	66	5.211	4.703	6.816	4.070	3.791	4.431	4.634	6.312	4.514	4.676	4.028	5.739	4.747	5.447	4.876
711B	BANKING & FINANCE, II	114	3.051	2.562	4.669	2.076	2.347	2.683	2.783	3.470	2.963	2.387	2.396	3.853	2.838	2.896	2.464
716	CPA	167	3.399	3.433	4.790	2.364	2.542	2.868	2.928	3.990	4.767	2.605	3.040	4.149	4.494	4.401	3.826
717	ACCNT (EXC CPA)	329	2.762	3.064	4.992	2.376	2.412	2.609	2.730	3.842	3.932	2.304	2.849	4.345	4.000	4.496	3.521
723	EFFICIENCY EXPERT	130	2.311	1.971	3.648	1.031	1.483	1.267	1.426	2.583	2.475	1.986	1.943	2.901	2.927	3.300	2.728
726	PERSONNEL ADMIN	72	3.595	3.259	5.598	2.808	2.738	3.107	3.166	4.288	3.377	2.761	2.090	3.705	2.710	3.590	2.310
730	BUS, MGMT, ADM (NEC)	514	3.089	2.433	4.742	1.638	1.769	2.022	2.116	3.202	2.702	2.232	1.815	3.469	2.594	3.216	2.365
731	MFG MGMT	55	3.860	3.228	5.001	2.101	2.069	2.297	2.144	4.067	3.334	3.015	2.533	3.549	3.073	3.631	3.017
732	WHSL/RET TRADE MGMT/MKTG	204	3.464	3.149	5.416	2.188	2.344	2.597	2.711	3.736	3.219	2.903	2.189	4.095	3.486	3.968	2.995
841	PILOT	164	2.862	1.909	3.769	1.537	1.575	1.571	1.852	2.966	2.752	2.201	1.190	2.765	2.004	3.130	2.679
370	SOCIAL WORKER	65	3.852	3.654	5.739	3.465	3.216	3.979	3.830	4.749	3.768	3.012	2.030	3.477	3.596	3.512	3.485
400	TEACHER (NEC)	478	3.025	2.539	5.157	2.286	2.159	2.809	2.555	3.524	3.237	1.703	1.170	2.926	2.444	2.555	2.152
420	TEACHER-HS (NEC)	98	3.028	2.461	4.958	2.052	1.865	2.612	2.257	3.365	3.036	1.605	1.275	2.974	2.467	3.142	2.423
429	TEACHER-PHYS ED	57	5.347	4.449	7.955	4.293	3.714	4.913	4.370	6.042	4.978	2.908	2.855	5.586	4.534	5.157	3.706
521	CLERGYMAN	177	5.110	5.724	7.172	5.494	5.422	6.074	5.514	5.897	6.369	4.393	3.707	4.879	5.212	5.136	4.974
360	PSYCHOLOGIST	94	2.929	2.436	3.758	2.390	2.558	2.612	3.034	3.342	3.290	2.995	2.173	2.002	2.786	1.914	2.554
393	LAWYER	342	3.231	3.138	4.970	2.911	3.591	3.750	3.777	3.913	3.712	3.645	3.111	3.112	3.997	2.301	2.591
423	TEACHER-HS SOC ST	95	3.354	2.915	5.366	2.951	2.625	3.335	3.058	3.974	3.901	2.115	1.727	3.310	3.040	3.665	3.207
460	COLL/UNIV TCHR (NEC)	214	2.874	2.991	4.249	2.604	2.850	3.327	3.290	3.548	3.107	2.859	2.350	2.229	3.195	2.180	2.763
463	COLL/UNIV TCHR-SOC SCI	81	3.704	3.594	5.542	4.090	4.625	4.780	4.884	4.684	4.723	4.291	3.679	3.640	4.259	2.590	3.374
464	COLL/UNIV TCHR-ENGLISH	44	4.536	4.137	5.433	4.739	5.217	5.213	5.709	5.512	4.449	5.546	4.984	4.757	5.869	4.282	5.244
432	TEACHER-MUSIC	30	9.872	10.944	11.615	10.269	9.271	9.528	10.638	12.822	8.933	10.357	7.400	8.467	9.582	9.855	10.223
551	MUSICIAN	17	12.201	12.561	12.331	11.805	11.166	11.727	13.079	14.803	10.753	12.320	10.312	9.635	11.762	11.195	11.298
575	THEATRE (OTHER)	25	6.736	6.719	7.641	6.381	6.574	6.728	7.503	8.073	5.671	7.381	5.173	6.108	5.883	6.644	6.834
125	ELECTRONICS (NEC)	113	3.973	3.193	4.688	2.323	2.318	2.221	2.301	3.923	3.604	3.480	2.333	4.222	3.391	5.135	4.514
222	COMPUTER PROGRAMMER	173	2.212	1.773	3.493	1.449	1.402	1.662	1.702	2.735	2.784	1.720	1.898	3.000	2.761	3.478	3.040
299	PHYS SCI, LAB TECH	109	3.563	2.561	5.045	1.035	1.918	2.184	1.948	3.491	3.283	2.555	1.942	3.744	2.927	3.917	3.370
758	COMPUTER OPERATOR	97	3.719	3.940	5.628	3.049	3.181	3.256	3.434	4.878	3.934	3.431	2.697	4.673	3.613	4.932	4.009
811	ELECTRONIC TECH	258	3.514	2.449	4.305	2.024	2.075	1.801	2.012	3.629	3.392	3.048	2.193	4.010	2.911	4.934	4.399
864	DRAFTSMAN	134	4.906	3.893	6.240	2.948	2.878	2.936	3.012	4.842	2.812	4.041	3.273	5.752	3.914	6.302	4.866
865	PHOTOGRAPHY	37	5.930	4.463	6.246	4.707	4.390	4.484	5.114	6.347	3.424	6.165	3.629	4.977	4.317	5.585	5.450
112	IN BUS FOR SELF (NEC)	255	4.433	3.668	5.803	2.537	2.450	2.930	2.987	4.676	3.453	3.312	2.461	4.946	3.590	5.000	3.893
738	SUPERVISOR IN BUS	53	6.076	4.858	7.713	4.196	4.234	4.566	4.178	5.787	4.917	4.768	3.281	5.877	3.910	6.070	4.758
746	INSURANCE SLSMAN	69	5.450	4.723	7.465	3.893	3.799	4.437	4.477	6.306	4.707	3.783	2.832	5.073	3.840	4.826	3.595
748	OTHER SLSMAN (NEC)	327	4.645	3.833	6.477	2.951	2.933	3.419	3.579	5.091	3.265	3.456	2.410	4.683	3.714	4.651	3.578
749	SALES MGR	63	5.543	4.476	7.402	3.746	4.098	4.192	4.542	5.583	3.619	4.242	3.663	5.864	4.676	5.175	3.993
810	ELECTRICIAN	211	4.573	3.797	5.850	2.945	2.825	2.931	2.979	4.812	4.227	3.606	2.785	5.301	3.962	5.896	5.005
812	APPLIANCE REPAIR	51	5.582	4.493	6.159	3.838	4.093	3.517	3.399	4.841	5.005	5.471	3.515	6.523	4.361	6.533	5.639
820	MECHANIC (NEC)	133	6.281	4.919	7.603	4.467	4.141	4.269	4.352	6.159	5.804	5.080	3.913	6.957	4.850	7.143	6.357
821	AUTO MECHANIC	112	6.432	5.619	7.871	4.929	4.993	4.512	4.487	6.778	6.397	6.057	4.373	7.477	5.877	8.245	7.119
822	AIRPLANE MECHANIC	101	5.872	4.513	6.543	3.578	3.740	3.555	3.615	5.587	4.991	4.739	3.258	5.593	4.526	6.109	5.232
828	MACHINIST	276	5.272	4.168	6.424	3.144	3.129	3.384	3.023	5.448	4.395	3.977	3.434	5.932	4.065	6.336	5.433
833	METAL TRADES	119	6.589	5.372	8.094	4.511	4.410	4.484	4.536	6.411	5.717	5.007	4.179	7.101	5.153	7.382	6.335
861	PRINTING TRADES	104	6.475	4.763	7.357	4.524	4.575	4.879	4.722	6.365	5.227	4.982	4.256	6.251	4.475	6.477	5.429
797	MISC CLERICAL	108	5.059	4.032	6.583	3.880	3.488	3.950	4.050	5.584	4.546	3.971	2.902	5.153	4.202	5.835	4.965
832	CARPENTER	63	6.208	5.569	7.884	4.707	4.437	4.773	4.855	6.639	5.460	5.239	3.855	4.995	4.545	7.106	5.916
834	BRKLYR, MASON PTR, RFR	66	6.588	5.644	8.190	4.859	4.741	4.963	4.899	6.809	5.591	5.645	4.397	7.543	5.104	7.796	6.708
835	PLUMBER, PIPEFTR	81	6.018	5.165	7.660	4.017	4.041	4.330	4.235	6.036	5.515	4.361	3.518	6.151	4.264	6.758	5.436
837	MISC BLDG & CONST	43	7.172	5.323	7.594	4.182	4.130	4.449	4.257	6.328	5.693	5.085	4.085	7.091	4.270	7.304	6.637
631	FARM/RANCH OWNER	123	8.275	7.165	9.470	6.303	5.540	6.658	6.385	8.471	8.054	6.505	5.307	8.733	6.216	8.443	7.936
639	FARMING (OTHER)	204	7.866	6.520	9.150	6.308	5.388	6.432	6.472	8.735	7.779	6.306	5.219	8.316	5.819	8.108	7.874
640	MILITARY (RANK NOT IND)	51	4.175	3.423	5.348	2.822	2.708	3.209	3.312	4.787	3.246	3.236	2.581	4.108	3.376	4.875	4.162
661	POLICE (PUBLIC)	188	4.927	3.767	6.516	3.338	3.281	3.774	3.641	5.012	4.420	3.432	2.574	4.941	3.731	4.877	4.051
666	FIREMAN	48	5.903	4.984	7.739	4.425	4.024	4.719	4.706	6.125	5.375	4.243	3.615	6.659	4.566	6.642	5.433
853	AUTO, BUS, TRUCK DRVR	91	7.178	6.033	9.568	5.099	4.860	5.341	5.256	7.732	6.273	5.722	4.448	7.595	5.130	7.757	6.714
899	GENERAL LABORER	314	5.698	4.655	7.523	4.439	3.980	4.563	4.508	6.499	5.593	4.341	3.366	6.268	4.249	6.691	5.626

TABLE 3.2 (continued)

#	GROUP	N	335	120	642	711	711	716	717	723	726	730	731	732	841	370	400
335	PHARMACIST	89	—														
120	IND, BUS, COMM (NEC)	161	1.660	—													
642	MILITARY OFFICERS	111	1.515	1.522	—												
711A	BANKING & FINANCE, I	66	2.790	1.171	2.980	—											
711B	BANKING & FINANCE, II	114	1.373	0.972	1.447	1.733	—										
716	CPA	167	1.868	1.720	2.193	1.952	1.454	—									
717	ACCNT (EXC CPA)	329	1.814	1.097	2.060	1.188	1.145	0.651	—								
723	EFFICIENCY EXPERT	130	1.471	1.058	0.947	2.348	1.093	1.773	1.502	—							
726	PERSONNEL ADMIN	72	1.939	0.902	1.726	2.349	1.392	2.351	1.852	1.359	—						
730	BUS, MGMT, ADM (NEC)	514	1.224	0.391	1.107	1.125	0.642	1.264	0.887	0.663	0.867	—					
731	MFG MGMT	55	2.307	1.360	1.757	2.288	1.882	2.509	2.216	1.193	1.564	0.976	—				
732	WHSL/RET TRADE MGMT/MKTG	204	1.573	0.437	1.421	1.084	1.003	1.441	0.968	0.999	1.068	0.329	1.298	—			
841	PILOT	164	1.577	0.683	0.857	2.261	1.192	1.909	1.603	0.767	1.167	0.582	1.155	0.981	—		
370	SOCIAL WORKER	65	1.709	1.686	1.977	2.679	1.844	2.897	2.418	2.314	1.913	1.416	2.486	1.743	1.636	—	
400	TEACHER (NEC)	478	1.307	0.899	1.292	2.180	1.001	1.998	1.590	1.396	1.144	0.737	1.697	1.065	0.989	0.800	—
420	TEACHER-HS (NEC)	98	1.434	0.953	1.235	2.407	1.191	2.071	1.623	1.266	0.920	0.790	1.880	1.135	0.890	1.051	0.365
429	TEACHER-PHYS ED	57	3.461	1.865	3.088	3.002	2.500	3.222	2.672	2.801	2.052	1.921	2.733	2.061	2.311	2.783	1.382
521	CLERGYMAN	177	3.874	4.080	4.350	5.415	3.928	5.276	4.373	4.731	3.437	4.075	5.446	4.305	4.303	2.453	2.293
360	PSYCHOLOGIST	94	1.414	2.040	1.355	3.071	1.653	2.786	2.708	1.968	1.966	1.563	2.017	2.111	1.492	1.412	1.332
393	LAWYER	342	1.857	1.938	1.598	3.049	1.318	2.822	2.804	1.729	1.995	1.584	2.551	1.927	2.022	1.814	1.665
423	TEACHER-HS SOC ST	85	1.850	1.244	1.547	2.501	1.202	2.118	1.829	1.619	1.421	1.078	1.941	1.507	1.278	1.093	0.548
460	COLL/UNIV TCHR (NEC)	214	1.617	2.252	1.511	3.283	1.613	3.145	2.848	2.069	2.107	1.759	2.810	2.294	2.062	0.936	1.115
463	COLL/UNIV TCHR-SOC SCI	81	2.492	3.051	2.472	4.094	1.971	4.340	3.947	3.059	3.075	2.639	3.809	3.239	3.013	1.899	1.985
464	COLL/UNIV TCHR-ENGLISH	44	3.759	4.022	3.540	5.172	3.146	5.703	5.217	3.672	3.946	3.899	5.258	4.466	4.046	3.443	3.409
432	TEACHER-MUSIC	30	8.087	7.272	8.826	8.222	8.688	9.690	8.505	8.955	7.920	8.455	9.263	8.046	8.206	6.647	7.133
551	MUSICIAN	17	9.892	9.196	9.940	9.908	10.353	10.978	10.147	10.702	9.447	10.358	10.471	10.035	10.310	9.288	9.331
575	THEATRE (OTHER)	25	4.498	3.209	3.754	3.552	3.811	5.508	4.631	4.502	3.563	3.662	5.352	3.487	4.081	3.019	3.564
125	ELECTRONICS (NEC)	113	2.623	1.817	2.375	2.664	2.805	3.163	2.412	1.838	2.868	1.737	2.638	1.950	1.680	3.233	2.364
222	COMPUTER PROGRAMMER	173	1.344	1.127	1.270	1.850	1.185	1.553	0.903	1.191	1.661	0.796	1.645	1.193	0.881	1.764	1.165
299	PHYS SCI, LAB TECH	100	1.797	0.928	1.711	1.342	1.331	1.829	1.332	1.075	1.761	0.481	1.022	0.905	0.878	1.905	1.208
758	COMPUTER OPERATOR	97	2.295	0.815	2.448	1.078	1.733	1.899	0.850	1.838	1.889	1.025	2.014	1.032	1.508	2.439	1.628
811	ELECTRONIC TECH	258	2.299	1.395	2.125	2.012	2.111	2.607	1.777	1.296	2.511	1.261	1.948	1.640	1.138	2.889	1.956
864	DRAFTSMAN	134	3.130	1.843	3.072	2.293	2.849	3.723	2.488	2.164	2.836	1.734	2.277	1.930	2.229	3.722	2.575
865	PHOTOGRAPHY	37	3.610	2.871	4.107	3.254	3.462	4.996	4.075	3.424	4.167	2.824	4.075	3.444	3.019	2.990	3.248
112	IN BUS FOR SELF (NEC)	255	2.234	0.688	2.069	1.066	1.432	1.961	1.465	1.389	1.820	0.619	1.534	0.781	1.240	2.272	1.409
738	SUPERVISOR IN BUS	53	3.008	1.967	3.506	2.025	3.057	3.344	2.507	3.055	3.147	1.808	2.791	1.728	2.606	3.004	2.193
746	INSURANCE SLSMAN	69	2.463	0.897	2.468	1.222	1.514	2.325	1.935	1.917	1.362	0.817	1.604	0.954	1.535	1.952	1.277
748	OTHER SLSMAN (NEC)	327	2.009	0.512	1.865	0.949	1.151	1.845	1.462	1.215	1.206	0.496	1.473	0.415	1.215	1.726	1.120
749	SALES MGR	63	2.737	1.529	2.836	1.834	1.556	2.693	2.233	1.748	1.563	1.239	2.342	1.238	2.317	2.764	2.114
810	ELECTRICIAN	211	2.927	1.343	2.583	1.787	2.618	3.003	2.048	1.873	2.815	1.343	1.955	1.644	1.603	2.943	2.043
812	APPLIANCE REPAIR	51	3.722	2.452	4.346	3.049	3.462	4.054	3.059	3.190	4.063	2.532	3.608	2.825	2.697	4.415	3.283
820	MECHANIC (NEC)	133	4.153	2.581	4.196	2.737	3.595	4.642	3.374	3.272	4.604	2.679	3.312	2.890	3.107	4.432	3.050
821	AUTO MECHANIC	112	4.894	2.767	4.936	3.102	4.492	4.683	3.518	3.506	4.780	3.132	3.796	3.395	3.565	5.071	3.828
822	AIRPLANE MECHANIC	101	3.356	1.874	3.130	2.344	3.279	3.855	3.074	2.552	3.577	1.918	2.372	2.216	2.200	3.646	2.682
828	MACHINIST	276	3.421	1.760	3.179	2.152	2.913	3.622	2.622	2.184	3.417	1.785	2.478	2.092	2.199	3.653	2.499
833	METAL TRADES	119	4.312	2.275	4.069	2.261	3.334	4.103	2.878	3.297	4.178	2.321	3.378	2.536	2.993	4.391	3.016
861	PRINTING TRADES	104	3.536	2.230	3.891	1.815	3.076	3.677	2.568	3.404	3.794	2.173	3.258	2.476	3.071	3.671	2.927
197	MISC CLERICAL	108	2.757	1.378	2.804	1.269	2.298	2.827	1.683	2.320	2.861	1.498	2.521	1.611	2.131	2.485	1.925
832	CARPENTER	63	4.314	2.381	4.228	2.692	3.473	4.527	3.299	3.554	4.143	2.602	3.488	2.906	3.153	4.476	2.985
834	BRKLYR, MASON PTR, RFR	66	4.469	2.473	4.493	2.319	3.563	4.584	3.020	3.390	4.346	2.524	3.431	2.693	3.284	4.186	3.357
835	PLUMBER, PIPEFTR	81	3.786	1.817	3.536	2.048	2.991	3.397	2.431	2.745	3.274	1.726	2.891	1.846	2.313	3.271	2.371
837	MISC BLDG & CONST	43	4.595	2.698	3.972	3.082	3.253	4.637	3.826	3.175	4.414	2.633	3.293	3.066	2.669	4.734	3.263
631	FARM/RANCH OWNER	123	6.179	3.787	5.617	4.324	5.086	5.506	4.814	5.363	5.872	4.369	5.513	4.697	4.633	6.332	4.236
639	FARMING (OTHER)	204	5.905	3.648	5.375	3.625	4.818	5.372	4.365	5.371	5.607	4.238	5.381	4.678	4.631	6.004	4.083
640	MILITARY (RANK NOT IND)	51	2.518	1.481	1.758	1.958	2.216	2.966	2.009	1.756	2.370	1.271	2.152	1.440	1.534	2.056	1.688
661	POLICE (PUBLIC)	188	2.302	0.980	2.364	1.284	1.587	2.302	1.716	2.020	2.242	1.011	2.393	1.190	1.442	1.873	1.282
666	FIREMAN	49	3.220	2.008	3.478	1.734	2.721	3.110	2.113	3.125	3.507	2.002	3.211	2.054	2.674	3.429	2.527
853	AUTO, BUS, TRUCK DRVR	91	4.796	2.539	4.742	2.689	3.904	4.692	3.637	3.939	4.465	2.899	3.971	3.239	3.376	4.810	3.425
899	GENERAL LABORER	314	3.558	1.672	3.456	1.697	2.972	3.548	2.265	2.949	3.275	1.885	2.960	2.203	2.419	3.225	2.293

TABLE 3.2 (continued)

#	GROUP	N	420	429	521	360	393	423	460	463	464	432	551	575	125	222	299
420	TEACHER-HS (NEC)	99	—														
429	TEACHER-PHYS ED	57	1.505	—													
521	CLERGYMAN	177	2.285	4.873	—												
360	PSYCHOLOGIST	94	1.560	3.494	3.569	—											
393	LAWYER	342	1.941	3.677	4.137	1.533	—										
423	TEACHER-HS SOC ST	95	0.609	1.975	2.665	1.911	1.677	—									
460	COLL/UNIV TCHR (NEC)	214	1.310	3.908	7.139	1.038	0.981	1.481	—								
463	COLL/UNIV TCHR-SOC SCI	91	2.544	4.606	3.568	1.779	0.833	2.123	0.934	—							
464	COLL/UNIV TCHR-ENGLISH	44	3.542	6.275	4.417	2.577	2.278	3.702	2.039	2.078	—						
432	TEACHER-MUSIC	30	7.214	9.358	6.453	6.707	9.305	8.307	6.695	8.655	8.617	—					
551	MUSICIAN	17	9.447	10.909	9.449	8.490	10.890	10.849	8.732	10.899	9.924	3.280	—				
575	THEATRE (OTHER)	25	3.575	6.108	3.986	3.731	3.487	3.851	2.550	3.372	3.742	6.646	8.954	—			
125	ELECTRONICS (NEC)	113	2.133	3.549	5.489	3.423	4.738	2.889	3.972	5.832	6.514	8.397	11.502	5.444	—		
222	COMPUTER PROGRAMMER	173	1.034	2.479	4.018	1.459	2.726	1.463	2.167	3.525	4.390	7.862	9.374	4.643	1.394	—	
299	PHYS SCI, LAB TECH	100	1.143	2.138	4.696	2.178	2.605	1.364	2.472	3.605	5.199	9.024	11.167	4.669	1.240	0.802	—
758	COMPUTER OPERATOR	97	1.927	2.730	4.631	2.825	3.191	2.154	3.065	4.004	5.280	7.316	9.992	3.724	1.857	1.173	1.190
811	ELECTRONIC TECH	258	1.872	3.389	4.962	2.754	3.978	2.239	3.400	4.773	5.459	8.497	11.175	4.766	0.543	0.885	0.815
864	DRAFTSMAN	134	2.594	3.260	6.162	3.759	5.120	3.101	4.408	5.982	6.591	8.669	11.175	5.247	1.103	1.671	1.356
865	PHOTOGRAPHY	37	3.348	5.208	5.860	3.303	4.305	3.531	3.391	4.504	4.441	7.640	11.358	4.217	2.969	3.084	2.756
112	IN BUS FOR SELF (NEC)	255	1.436	2.299	5.029	2.920	3.036	1.636	2.956	4.321	5.318	8.575	10.307	3.939	1.246	1.242	0.608
738	SUPERVISOR IN BUS	53	2.405	3.584	5.231	4.041	4.922	2.633	4.306	5.678	7.194	9.650	12.200	5.412	1.796	2.237	1.607
746	INSURANCE SLSMAN	69	1.484	1.934	4.605	2.446	2.623	1.613	2.903	3.691	5.266	8.288	9.999	3.774	2.908	1.947	1.326
748	OTHER SLSMAN (NEC)	327	1.195	1.959	4.472	2.347	2.087	1.276	2.439	3.490	4.438	7.839	9.850	3.155	2.081	1.524	0.967
749	SALES MGR	63	2.130	3.243	5.273	2.919	2.504	2.200	3.108	3.818	4.411	9.438	11.537	3.858	3.582	2.415	2.120
810	ELECTRICIAN	211	2.136	3.073	5.380	3.502	4.488	2.366	3.928	5.452	6.265	9.235	11.458	4.924	0.948	1.502	0.852
812	APPLIANCE REPAIR	51	3.369	4.333	5.931	4.970	5.989	3.870	5.264	6.776	7.503	10.299	13.258	6.418	1.474	2.468	1.772
820	MECHANIC (NEC)	133	3.492	4.293	6.501	5.193	6.233	3.558	5.279	6.523	7.539	10.292	12.576	5.699	2.002	2.781	1.862
821	AUTO MECHANIC	112	3.949	4.822	6.718	5.995	6.709	4.127	6.021	7.545	8.185	10.186	12.388	6.158	1.761	3.158	2.109
822	AIRPLANE MECHANIC	101	2.905	3.585	6.302	4.272	5.102	3.272	4.602	6.045	7.096	9.749	11.421	5.192	1.256	2.315	1.190
828	MACHINIST	276	2.580	3.620	6.188	4.297	5.089	3.092	4.482	5.880	6.485	9.574	11.993	5.618	0.925	1.986	1.208
833	METAL TRADES	119	3.139	3.676	6.513	5.083	5.960	3.554	5.252	6.710	7.359	10.219	12.258	5.892	1.745	2.619	1.517
861	PRINTING TRADES	104	2.972	3.838	6.148	4.264	5.126	3.324	4.601	5.973	6.757	9.954	11.138	5.539	1.947	2.133	1.460
797	MISC CLERICAL	108	1.911	2.636	4.902	3.468	4.004	1.894	3.512	4.691	5.953	7.709	9.483	4.606	1.583	1.463	0.991
832	CARPENTER	63	3.367	4.235	6.178	5.184	6.288	3.577	5.143	6.876	7.431	10.056	11.882	5.855	2.168	2.864	1.997
834	BRKLYR, MASON PTR, RFR	66	3.642	4.596	6.252	5.418	6.037	3.840	5.098	6.695	7.585	10.175	12.328	5.300	2.465	2.735	1.874
835	PLUMBER, PIPEFTR	91	2.543	3.461	5.707	4.284	5.104	2.946	4.455	6.219	7.247	9.897	12.166	5.501	1.394	2.025	1.304
837	MISC BLDG & CONST	43	3.246	4.543	7.051	5.335	5.989	3.503	5.442	6.691	7.430	11.823	14.200	6.368	2.030	2.999	1.890
631	FARM/RANCH OWNER	123	4.473	5.261	6.973	7.941	7.387	4.691	6.658	8.121	9.740	12.563	14.640	7.159	4.578	5.361	3.784
639	FARMING (OTHER)	204	4.296	5.341	6.543	7.141	7.239	4.572	6.205	7.386	8.818	11.246	13.086	5.991	4.497	4.837	3.883
640	MILITARY (RANK NOT IND)	51	1.779	2.828	4.607	2.875	3.509	2.063	2.877	4.350	5.288	8.268	10.215	3.972	1.333	1.376	1.249
661	POLICE (PUBLIC)	138	1.397	2.261	4.278	2.816	3.025	1.542	2.749	3.910	5.193	8.141	10.059	4.202	1.674	1.310	0.836
666	FIREMAN	49	2.733	2.932	6.035	4.053	5.246	2.873	4.693	5.988	7.803	9.395	11.756	5.082	1.822	1.825	1.548
853	AUTO, BUS, TRUCK DRVR	91	3.551	4.359	6.956	5.880	6.419	4.102	5.572	6.966	8.236	9.884	11.479	5.831	2.240	3.217	2.037
899	GENERAL LABORER	314	2.468	3.265	5.536	4.341	5.100	2.578	4.392	5.602	6.807	9.020	10.725	4.979	1.747	1.890	1.302

TABLE 3.2 (continued)

#	GROUP	N	758	811	864	865	112	738	746	748	749	810	812	820	821	822	828
758	COMPUTER OPERATOR	97	—														
811	ELECTRONIC TECH	258	1.297	—													
864	DRAFTSMAN	,134	1.523	0.946	—												
865	PHOTOGRAPHY	37	3.447	2.604	2.957	—											
112	IN BUS FOR SELF (NEC)	255	1.006	1.001	1.172	2.950	—										
738	SUPERVISOR IN BUS	53	1.652	1.724	1.603	4.099	1.304	—									
746	INSURANCE SLSMAN	69	1.547	2.311	2.537	3.791	0.953	1.930	—								
748	OTHER SLSMAN (NEC)	327	1.296	1.674	1.717	2.951	0.481	1.658	0.502	—							
749	SALES MGR	63	2.408	2.896	2.653	3.949	1.783	2.981	1.449	0.801	—						
810	ELECTRICIAN	211	1.193	0.633	1.003	3.434	0.664	1.312	1.884	1.540	3.069	—					
812	APPLIANCE REPAIR	51	2.205	1.378	1.814	4.034	1.917	1.980	3.722	3.072	4.498	1.321	—				
820	MECHANIC (NEC)	133	2.228	1.343	1.644	4.055	1.447	1.945	3.094	2.664	4.253	0.843	1.629	—			
821	AUTO MECHANIC	112	2.327	1.434	1.989	4.449	1.807	2.318	3.306	3.149	4.902	0.893	1.288	0.832	—		
822	AIRPLANE MECHANIC	101	1.956	1.108	1.496	3.548	1.024	1.840	2.265	1.975	3.854	0.593	1.492	0.945	0.868	—	
828	MACHINIST	276	1.555	0.827	1.136	3.480	0.991	1.444	2.401	2.010	3.547	0.493	1.541	0.938	1.056	0.758	—
833	METAL TRADES	119	1.905	1.484	1.653	4.037	1.374	1.749	2.903	2.446	4.121	0.815	1.439	0.830	1.009	0.879	0.878
861	PRINTING TRADES	104	1.716	1.746	1.763	3.987	1.432	1.351	2.623	2.222	3.499	1.172	1.954	1.760	1.757	1.423	1.179
797	MISC CLERICAL	108	1.268	1.267	1.627	3.070	0.975	1.348	1.908	1.397	2.874	0.952	2.107	1.555	1.645	1.385	1.346
832	CARPENTER	63	2.096	1.911	1.806	4.337	1.464	1.795	2.900	2.661	4.416	0.901	1.505	0.759	1.272	1.192	1.164
834	BRKLYR, MASON PTR, RFR	66	1.874	1.726	1.838	4.209	1.616	1.843	2.932	2.542	4.071	1.001	1.563	0.914	1.188	1.333	1.186
835	PLUMBER, PIPEFTR	91	1.513	1.238	1.709	3.694	0.928	1.290	2.027	1.750	3.401	0.800	1.826	1.314	1.564	1.138	0.808
837	MISC BLDG & CONST	43	2.719	1.579	2.292	4.701	1.593	2.126	3.059	2.719	4.139	1.380	1.846	1.072	1.961	1.440	1.015
631	FARM/RANCH OWNER	123	4.094	4.218	4.812	7.062	3.296	4.306	4.749	4.497	6.742	2.964	3.499	2.769	3.277	3.277	3.355
639	FARMING (OTHER)	204	3.818	3.814	4.646	6.500	3.339	4.329	4.495	4.364	6.293	2.993	3.978	2.487	3.053	3.091	3.200
640	MILITARY (RANK NOT IND)	51	1.493	1.205	1.532	2.999	1.168	1.580	1.799	1.418	2.992	1.018	2.547	2.258	2.401	1.465	1.349
661	POLICE (PUBLIC)	188	1.320	1.326	2.117	3.340	0.679	1.482	1.291	1.021	2.426	1.061	1.996	1.885	2.158	1.456	1.318
666	FIREMAN	48	1.427	1.546	1.474	4.441	1.203	1.602	2.045	1.954	3.337	0.994	2.202	1.401	2.035	1.660	1.519
853	AUTO, BUS, TRUCK DRVR	91	2.206	1.950	2.358	4.360	1.498	2.582	3.210	2.897	5.027	1.330	2.250	1.183	1.307	1.065	1.110
899	GENERAL LABORER	314	1.297	1.270	1.630	3.715	0.994	1.406	1.949	1.878	3.651	0.644	2.008	0.894	1.129	0.960	0.823

TABLE 3.2 (continued)

#	GROUP	N	833	861	797	832	834	835	837	631	639	640	661	666	853	899
833	METAL TRADES	119	—													
861	PRINTING TRADES	104	0.963	—												
797	MISC CLERICAL	108	1.072	1.024	—											
832	CARPENTER	63	0.713	1.471	1.625	—										
834	BRKLYR, MASON PTR, RFR	66	1.044	1.450	1.451	0.868	—									
835	PLUMBER, PIPEFTR	81	0.912	1.069	1.397	1.182	1.247	—								
837	MISC BLDG & CONST	43	1.096	2.064	2.125	1.360	1.800	1.474	—							
631	FARM/RANCH OWNER	123	2.620	4.029	3.632	2.213	3.356	3.660	2.824	—						
639	FARMING (OTHER)	206	2.511	3.594	3.170	2.344	3.190	3.787	2.837	0.709	—					
640	MILITARY (RANK NOT IND)	51	2.038	1.855	1.296	2.096	1.596	1.489	2.669	4.653	4.409	—				
661	POLICE (PUBLIC)	138	1.439	1.247	0.809	1.823	1.762	0.999	1.847	3.505	3.486	1.332	—			
666	FIREMAN	48	1.499	1.339	1.198	1.534	1.413	1.367	2.255	3.964	3.713	1.531	1.186	—		
853	AUTO, BUS, TRUCK DRVR	31	0.984	1.690	1.817	1.107	1.617	1.262	1.563	2.165	1.965	2.589	1.721	2.067	—	
899	GENERAL LABORER	314	0.845	0.921	0.652	0.873	0.873	0.862	1.606	2.807	2.299	1.338	1.054	1.024	0.793	—

TABLE 3.3

d^2's AMONG 45 OCCUPATIONS. DATA BASED ON 64 COGNITIVE VARIABLES FOR 11TH GRADE FEMALES

#	GROUP	N	231	421	422	337	426	716	717	722	724	726	370	400	412	420	427
231	CHEMIST	15	—														
421	TEACHER-HS MATH	36	4.612	—													
422	TEACHER-HS SCI	30	4.806	3.715	—												
337	RN	591	4.254	3.928	2.197	—											
426	TEACHER-COMM ED	57	8.089	6.505	5.027	1.984	—										
716	CPA	8	14.046	12.734	14.679	11.100	13.399	—									
717	ACCTANT (EXC CPA)	87	5.539	4.922	4.001	1.434	1.703	11.789	—								
722	RETAIL BUYER	27	9.409	9.878	7.279	4.407	5.046	14.431	5.089	—							
724	ADVERTISING	23	9.130	8.549	5.606	4.014	5.165	14.576	4.955	5.835	—						
726	PERSONNEL ADMIN	21	6.294	4.955	3.828	2.618	5.104	13.638	4.089	6.508	5.929	—					
370	SOCIAL WORKER	177	5.002	4.315	3.042	0.810	2.386	10.772	2.045	3.925	3.913	3.303	—				
400	TEACHER (NEC)	1326	4.392	3.797	2.389	0.370	1.931	10.907	1.474	3.785	3.607	3.052	0.467	—			
412	TEACHER-ELEM	616	4.677	4.065	2.712	0.460	1.738	11.122	1.359	3.602	3.717	3.065	0.580	0.162	—		
420	TEACHER-HS (NEC)	81	4.463	4.176	2.799	1.053	3.506	11.269	2.338	5.668	4.168	3.291	1.502	1.030	1.295	—	
427	TEACHER-HS HOME EC	68	5.708	5.372	4.014	1.464	3.133	12.201	2.484	4.911	6.051	4.268	2.157	1.664	1.548	2.997	—
440	TEACHER-HANDICAPPED	70	6.071	5.542	4.061	1.502	3.106	13.280	2.880	4.582	3.402	4.259	1.484	1.201	1.267	2.445	2.698
423	TEACHER-HS SOC ST	54	6.318	5.405	4.654	2.488	4.348	12.632	3.199	5.754	5.486	4.643	2.272	2.183	2.429	3.116	4.243
424	TEACHER-ENGLISH	132	4.956	5.315	3.218	1.369	3.156	11.894	2.652	4.716	3.592	4.134	1.146	0.767	1.070	1.478	2.687
425	TEACHER-FOR LANG	46	[illegible].956	5.010	3.956	2.671	4.785	13.736	4.410	5.729	4.914	5.353	2.634	2.096	2.539	2.818	4.503
460	COLL/UNIV TCHR (NEC)	107	4.545	3.799	2.409	1.596	3.837	11.544	2.828	5.195	3.713	2.874	1.386	1.203	1.408	1.675	2.803
511	LIBRARIAN	77	5.572	4.376	3.336	1.322	2.982	11.380	3.222	5.201	4.497	3.694	1.420	1.008	1.202	1.419	3.278
431	TEACHER-ART	50	6.791	5.632	3.903	2.730	4.745	13.625	3.897	4.925	4.864	3.625	2.772	2.443	2.390	2.910	3.434
432	TEACHER-MUSIC	65	7.103	6.498	5.030	2.406	3.737	11.735	3.557	5.737	5.565	4.891	2.357	1.917	1.841	2.758	3.753
551	MUSICIAN	7	17.007	15.465	13.939	13.753	17.459	21.949	15.384	15.253	15.488	15.839	12.594	13.082	13.409	14.495	14.749
222	COMPUTER PROGRAMMER	53	5.351	3.293	3.460	2.675	4.919	12.453	3.070	5.077	5.312	4.480	2.622	2.422	2.557	3.222	4.101
347	MED/DENT TECHNOL	93	4.138	3.967	2.596	0.945	3.052	11.516	2.543	5.716	4.864	3.483	1.828	1.203	1.310	1.784	2.766
348	MED/DENT TECHNICIAN	138	6.850	6.713	4.196	1.445	1.988	12.345	2.067	4.112	4.154	4.092	1.752	1.579	1.223	2.671	2.524
741	SALESCLERK	36	11.352	9.190	7.597	4.506	3.883	14.368	4.302	7.336	8.250	7.363	5.793	4.873	4.563	6.727	6.114
711A	BANKING & FINANCE, I	13	11.298	10.639	9.569	5.054	4.784	17.777	4.747	8.971	9.696	7.798	5.803	5.625	5.272	6.715	5.461
711B	BANKING & FINANCE, II	3	26.335	25.731	25.954	24.908	27.770	34.242	26.773	27.217	25.148	24.383	25.028	25.082	24.458	23.737	26.944
751	BOOKKEEPER	100	7.594	6.266	5.009	2.171	1.749	11.744	1.800	4.015	5.517	4.921	2.742	2.188	2.025	3.447	3.109
755	MISC ACCT RECDG	46	8.608	9.435	5.927	3.088	3.265	14.835	2.840	5.009	5.749	5.720	3.461	2.988	2.846	4.032	3.912
756	KEYPUNCH OP	69	8.220	7.011	5.449	2.458	2.592	12.073	2.361	5.178	5.139	4.965	3.325	2.652	2.253	3.383	3.621
758	COMPUTER OP	57	8.079	6.855	5.302	2.297	1.913	12.786	2.100	4.996	5.448	5.035	2.651	2.449	2.353	3.291	3.906
761	SECRETARY (NEC)	951	7.468	6.426	4.616	1.356	0.976	12.101	1.240	4.082	4.031	4.155	1.799	1.317	1.111	2.490	2.655
764	LEGAL SECRETARY	45	8.692	7.688	6.350	3.081	2.223	13.446	2.686	4.936	5.373	6.259	3.382	2.806	2.597	4.537	3.893
765	STENO, COURT REPRTR	48	7.958	6.771	5.470	2.188	1.758	11.339	1.989	5.530	4.752	4.746	2.803	2.340	2.324	3.587	3.773
766	TYPIST, CLRK TYPST	68	8.721	6.931	5.635	2.858	2.559	12.256	2.473	5.655	6.377	5.818	3.130	2.676	2.435	3.800	4.111
769	CLERK (MISC)	99	9.029	7.840	5.762	2.690	2.655	12.437	2.263	5.271	6.102	5.916	3.235	2.729	2.480	3.800	3.267
789	OTHER "PUB CONT" OCCS	38	7.953	7.025	5.618	2.738	2.760	13.515	2.369	4.737	4.831	4.644	2.677	2.511	2.224	3.537	3.695
120	IND, BUS, COMM (NEC)	26	12.283	9.740	6.925	5.147	5.022	14.304	5.189	6.873	8.252	8.353	5.027	4.888	4.760	5.800	6.608
868	CLTHNG & FASH TRADES	41	8.753	7.428	5.902	3.350	3.479	13.252	3.480	6.330	7.499	5.488	3.661	3.441	3.178	3.904	4.269
893	HAIRDRESSER	201	8.052	7.020	5.577	2.465	2.364	11.524	2.017	4.959	5.978	5.135	3.073	2.689	2.329	3.847	3.286
894	PRACTICAL NURSE	168	7.223	6.991	5.100	1.816	2.556	12.698	2.183	5.022	6.217	4.489	2.605	2.245	1.978	3.295	3.047
899	GENERAL LABORER	62	9.752	8.995	7.163	4.422	4.214	13.309	4.254	7.686	8.987	8.290	4.805	4.593	4.343	5.667	5.327

TABLE 3.3 (continued)

#	GROUP	N	440	423	424	425	460	511	431	432	551	222	347	348	741	711	711
440	TEACHER-HANDICAPPED	70	—														
423	TEACHER-HS SOC ST	54	2.657	—													
424	TEACHER-ENGLISH	132	2.031	2.878	—												
425	TEACHER-FOR LANG	46	3.010	4.378	2.402	—											
460	COLL/UNIV TCHR (NEC)	107	2.394	2.985	1.459	2.884	—										
511	LIBRARIAN	77	2.512	2.695	1.503	3.013	2.027	—									
431	TEACHER-ART	50	3.398	4.221	3.004	4.495	2.777	2.999	—								
432	TEACHER-MUSIC	65	3.436	5.222	2.019	4.178	2.888	3.301	4.914	—							
551	MUSICIAN	7	15.714	14.134	13.001	14.215	12.316	14.726	14.232	13.797	—						
222	COMPUTER PROGRAMMER	53	3.615	4.066	3.484	3.642	2.111	3.380	4.163	4.812	11.682	—					
347	MED/DENT TECHNOL	93	2.381	3.337	2.388	4.021	2.187	2.065	3.994	3.015	13.651	2.776	—				
348	MED/DENT TECHNICIAN	138	2.156	4.006	2.784	4.885	2.934	2.693	3.053	3.468	15.334	4.363	2.405	—			
741	SALESCLERK	36	6.187	6.945	6.675	8.581	7.480	5.976	6.825	7.133	20.231	7.367	5.768	4.179	—		
711A	BANKING & FINANCE, I	13	6.102	8.969	6.402	10.604	7.920	7.249	7.893	8.215	19.891	8.666	6.054	3.849	6.929	—	
711B	BANKING & FINANCE, II	3	24.131	25.669	25.870	28.205	23.693	23.706	27.819	29.163	45.129	24.936	22.822	23.769	28.323	29.299	—
751	BOOKKEEPER	100	3.471	4.385	3.530	5.491	4.075	3.250	4.900	4.446	16.768	4.670	3.561	2.105	3.325	4.387	25.310
755	MISC ACCT RECDG	46	3.335	4.461	4.084	6.705	4.995	4.446	4.602	5.019	17.517	6.148	3.935	2.093	5.339	4.180	25.715
756	KEYPUNCH OP	69	3.570	4.007	4.148	6.337	3.982	3.831	4.363	4.653	17.035	5.318	3.382	1.843	2.634	5.530	22.850
758	COMPUTER OP	57	3.185	4.451	3.850	5.736	4.669	3.207	3.921	4.708	17.775	4.717	3.382	1.868	3.304	4.092	27.756
761	SECRETARY (NEC)	851	2.391	3.876	2.460	4.529	3.256	2.429	3.571	2.910	17.105	4.654	2.798	1.108	2.978	4.264	25.341
764	LEGAL SECRETARY	45	3.495	5.760	3.630	5.700	4.467	4.573	5.969	4.422	18.796	5.574	4.761	2.759	5.092	4.739	25.857
765	STENO, COURT REPRTR	48	3.307	4.246	3.672	6.091	4.211	3.448	4.519	4.305	18.045	5.327	3.329	1.918	3.956	4.403	26.720
766	TYPIST, CLRK TYPST	68	4.286	5.241	3.830	5.404	4.751	3.947	4.926	3.413	16.315	5.611	3.923	2.207	3.321	5.577	28.454
769	CLERK (MISC)	99	4.335	5.645	3.759	6.644	4.683	3.979	5.100	3.743	16.949	5.566	4.062	2.166	3.301	4.765	26.441
789	OTHER "PUB CONT" OCCS	38	2.771	5.126	3.460	5.015	4.525	3.934	4.382	4.697	17.063	5.129	4.393	2.159	5.006	3.959	27.667
120	IND, BUS, COMM (NEC)	26	6.030	7.246	5.884	7.473	7.067	5.515	7.384	6.236	21.397	8.063	6.558	4.739	6.417	7.350	31.231
868	CLTHNG & FASH TRADES	41	4.439	5.767	4.923	6.669	5.208	4.552	5.430	4.826	17.684	6.061	4.635	3.333	4.236	6.239	30.905
893	HAIRDRESSER	201	3.644	5.004	4.109	5.979	4.591	4.092	4.226	4.080	17.389	5.299	3.871	1.550	2.855	4.802	27.074
894	PRACTICAL NURSE	168	3.236	3.974	3.780	6.274	4.312	3.347	3.349	4.053	16.524	5.589	2.871	1.374	2.612	5.034	25.561
899	GENERAL LABORER	62	5.909	6.927	6.333	8.782	7.018	5.899	6.988	6.559	17.915	7.502	5.552	3.223	3.076	5.101	28.143

TABLE 3.3 (continued)

#	GROUP	N	751	755	756	758	761	764	765	766	769	789	120	868	893	894	899
751	BOOKKEEPER	100	—														
755	MISC ACCT RECDG	46	2.153	—													
756	KEYPUNCH OP	69	1.774	2.404	—												
758	COMPUTER OP	57	.979	2.141	2.489	—											
761	SECRETARY (NEC)	851	.064	1.847	1.378	1.307	—										
764	LEGAL SECRETARY	45	.349	3.485	3.445	3.630	1.642	—									
765	STENO, COURT REPRTR	48	1.740	2.462	2.278	1.951	0.941	2.491	—								
766	TYPIST, CLRK TYPST	68	2.727	2.808	2.301	1.956	1.623	3.841	2.919	—							
769	CLERK (MISC)	99	1.733	2.546	1.911	2.407	1.292	3.276	2.348	2.350	—						
789	OTHER "PUB CONT" OCCS	38	2.189	2.543	3.039	2.130	1.711	3.158	2.468	2.883	2.854	—					
120	IND, BUS, COMM (NEC)	26	4.204	5.235	5.912	4.743	3.987	5.959	5.194	4.145	4.783	4.579	—				
868	CLTHNG & FASH TRADES	41	3.008	3.433	3.528	2.882	2.874	4.786	3.753	2.734	3.336	3.172	5.615	—			
893	HAIRDRESSER	201	1.658	2.310	1.439	1.776	1.183	3.137	2.081	1.113	1.497	2.453	4.205	2.604	—		
894	PRACTICAL NURSE	168	2.076	2.335	1.322	1.843	1.232	3.973	2.173	1.681	1.893	3.016	4.795	2.786	1.082	—	
899	GENERAL LABORER	62	3.000	3.800	2.930	3.080	3.364	5.825	4.172	2.754	2.651	4.352	5.513	3.357	2.067	2.520	

TABLE 3.4

d^2's AMONG 45 OCCUPATIONS. DATA BASED ON 45 NON-COGNITIVE VARIABLES FOR 11TH GRADE FEMALES

GROUP	N	231	421	422	337	426	716	717	722	724	726	370	400	412	420	427
231 CHEMIST	15	—														
421 TEACHER-HS MATH	36	3.493	—													
422 TEACHER-HS SCI	30	5.306	4.741	—												
337 RN	591	6.414	6.510	3.147	—											
426 TEACHER-COMM ED	57	8.371	5.602	7.028	4.449	—										
716 CPA	8	11.468	9.865	11.715	10.796	10.237	—									
717 ACCTANT (EXC CPA)	87	6.718	4.682	6.106	3.105	1.632	8.151	—								
722 RETAIL BUYER	27	7.550	7.478	6.622	4.656	4.945	9.436	3.887	—							
724 ADVERTISING	23	8.209	9.264	8.074	5.813	4.398	11.400	4.513	4.249	—						
726 PERSONNEL ADMIN	21	5.776	6.179	4.684	4.403	5.066	11.877	4.440	4.950	4.178	—					
370 SOCIAL WORKER	177	5.325	4.820	3.942	2.138	2.845	9.269	2.730	2.843	3.298	2.874	—				
400 TEACHER (NEC)	1326	5.170	4.428	3.718	1.700	2.344	9.402	2.231	2.971	3.376	3.069	0.362	—			
412 TEACHER-ELEM	616	5.915	4.569	3.924	1.882	2.586	9.243	2.275	3.258	4.191	3.486	0.734	0.202	—		
420 TEACHER-HS (NEC)	81	4.853	4.537	3.410	2.416	3.149	10.147	3.020	3.293	3.751	3.224	0.860	0.611	1.121	—	
427 TEACHER-HS HOME EC	68	6.371	5.897	6.200	3.394	3.368	12.185	3.026	3.514	4.067	4.219	2.014	1.344	1.408	2.432	—
440 TEACHER-HANDICAPPED	70	6.444	5.443	3.856	1.702	3.473	9.215	3.043	3.260	3.620	3.042	0.690	0.686	0.892	1.220	2.594
423 TEACHER-HS SOC ST	54	7.690	6.293	6.079	4.005	4.830	10.157	4.200	4.786	4.379	5.201	1.893	1.944	2.486	1.868	3.665
424 TEACHER-ENGLISH	132	5.802	6.259	5.049	2.916	3.543	11.305	3.683	4.219	3.070	[illegible]	0.958	0.943	1.500	0.968	2.479
425 TEACHER-FOR LANG	46	5.900	4.982	4.350	4.418	3.957	10.003	4.065	5.530	4.262	4.392	1.981	1.746	2.139	1.925	4.020
460 COLL/UNIV TCHR (NEC)	107	4.289	4.441	4.049	3.089	4.059	9.789	3.627	3.814	3.053	3.436	1.144	1.405	1.975	1.753	2.851
511 LIBRARIAN	77	5.476	5.489	4.893	3.518	3.981	11.376	3.286	4.761	4.226	3.603	1.685	1.406	1.688	1.446	2.657
431 TEACHER-ART	50	7.614	8.010	6.521	4.608	5.436	11.089	4.451	2.881	3.628	5.672	2.746	2.660	2.924	3.384	2.865
432 TEACHER-MUSIC	65	6.708	7.098	6.945	4.487	4.602	10.459	4.466	6.240	4.983	5.755	3.265	2.708	2.679	3.868	3.557
551 MUSICIAN	7	10.280	11.424	16.049	13.200	12.610	16.539	10.579	12.273	10.975	11.354	10.190	10.594	10.902	12.392	10.557
222 COMPUTER PROGRAMMER	53	4.580	3.024	3.451	4.729	4.879	7.190	3.580	4.685	6.481	4.537	3.590	3.307	3.516	3.286	5.419
347 MED/DENT TECHNOL	93	3.963	3.797	2.901	1.340	3.723	9.742	3.104	4.672	6.093	3.360	2.309	1.995	2.317	2.761	3.259
348 MED/DENT TECHNICIAN	138	7.197	6.621	4.332	1.429	3.298	10.120	2.996	3.231	4.576	3.591	2.190	1.949	2.052	2.695	2.887
741 SALESCLERK	36	10.100	9.888	7.046	4.508	3.624	11.413	2.917	4.884	6.052	6.347	3.836	3.561	3.502	3.755	5.003
711A BANKING & FINANCE, I	13	9.011	7.350	9.025	6.127	4.685	11.382	3.505	6.674	8.081	6.930	6.172	5.575	5.619	6.474	6.143
711B BANKING & FINANCE, II	3	29.937	30.244	26.113	24.125	24.980	30.901	23.408	18.134	23.067	25.710	22.565	22.121	22.809	21.694	21.460
751 BOOKKEEPER	100	7.697	6.364	6.531	4.092	1.624	10.929	1.316	4.480	4.310	4.630	3.426	2.961	2.964	3.756	3.801
755 MISC ACCT RECDG	46	8.603	6.999	5.772	3.356	2.686	10.951	2.453	3.907	5.350	4.314	3.153	2.820	2.898	3.257	4.220
756 KEYPUNCH OP	69	7.608	6.297	6.078	4.202	2.173	9.315	1.639	3.946	4.509	4.354	3.116	2.956	2.832	3.772	3.740
758 COMPUTER OP	57	8.219	7.232	6.664	3.961	2.212	8.645	1.899	5.062	5.331	5.638	3.243	2.993	3.012	3.479	4.625
761 SECRETARY (NEC)	851	7.748	6.581	5.906	3.176	1.316	10.651	1.177	3.390	3.866	3.568	2.220	1.812	1.865	2.378	2.879
764 LEGAL SECRETARY	45	8.617	7.403	6.921	4.479	1.891	11.504	2.467	3.781	4.309	4.727	3.012	2.314	2.252	3.092	3.035
765 STENO, COURT REPRTR	48	7.492	6.857	6.532	3.856	1.676	11.516	1.469	5.109	4.856	4.595	3.336	2.693	2.858	3.173	[illegible]
766 TYPIST, CLRK TYPST	68	8.728	6.907	6.322	3.622	1.918	9.734	1.415	4.647	5.240	5.005	2.755	2.419	2.193	3.148	[illegible]
769 CLERK (MISC)	99	8.210	6.532	6.124	3.346	1.820	10.218	1.455	4.285	4.962	4.726	2.774	2.369	2.309	2.878	[illegible]
789 OTHER "PUB CONT" OCCS	38	9.294	8.473	7.921	4.361	2.816	10.413	2.395	3.686	4.571	5.883	2.731	2.639	2.587	3.633	[illegible]
120 IND, BUS, COMM (NEC)	26	8.341	6.624	7.121	4.463	2.587	9.893	1.989	5.035	4.749	4.447	2.719	2.642	2.609	3.519	4.040
868 CLTHNG & FASH TRADES	41	6.708	7.179	6.717	4.017	3.376	10.986	2.504	2.999	3.882	4.485	2.550	2.620	2.635	3.183	3.066
893 HAIRDRESSER	201	9.115	7.656	6.777	3.304	2.936	10.532	2.125	3.783	4.745	5.030	3.102	2.874	2.668	3.609	3.599
894 PRACTICAL NURSE	168	8.124	7.634	4.811	1.445	4.300	10.391	3.294	4.687	6.229	4.897	2.982	2.900	2.778	3.606	4.381
899 GENERAL LABORER	62	9.950	9.470	7.344	4.722	3.993	12.134	2.719	5.682	6.052	6.032	4.017	4.141	4.106	4.599	5.436

TABLE 3.4 (continued)

#	GROUP	N	440	423	424	425	460	511	431	432	551	222	347	348	741	711	711
440	TEACHER-HANDICAPPED	70	—														
423	TEACHER-HS SOC ST	54	2.321	—													
424	TEACHER-ENGLISH	132	1.562	2.005	—												
425	TEACHER-FOR LANG	46	2.701	3.595	2.212	—											
460	COLL/UNIV TCHR (NEC)	107	1.766	2.690	1.376	2.550	—										
511	LIBRARIAN	77	2.455	2.681	1.350	2.777	2.212	—									
431	TEACHER-ART	50	3.132	4.180	2.972	4.176	2.313	3.690	—								
432	TEACHER-MUSIC	65	3.552	5.939	2.992	3.844	2.915	3.350	4.427	—							
551	MUSICIAN	7	11.137	12.999	9.943	10.507	8.251	11.196	10.578	7.847	—						
222	COMPUTER PROGRAMMER	53	3.988	4.455	4.629	3.895	3.634	4.353	5.702	6.456	10.733	—					
347	MED/DENT TECHNOL	93	2.742	4.820	3.447	3.866	2.743	3.499	4.758	4.531	10.522	2.943	—				
348	MED/DENT TECHNICIAN	138	2.054	4.296	3.691	5.009	3.562	4.288	4.393	4.884	14.196	4.603	2.092	—			
741	SALESCLERK	36	3.869	6.410	5.056	6.107	6.236	4.788	6.543	6.112	17.752	6.695	5.720	2.907	—		
711A	BANKING & FINANCE, I	13	6.878	8.125	7.754	7.920	7.317	7.795	9.743	8.614	15.370	7.584	5.281	5.593	6.842	—	
711B	BANKING & FINANCE, II	3	21.532	24.544	23.144	26.050	23.828	23.757	21.182	26.101	41.167	27.762	25.983	21.553	20.080	24.000	—
751	BOOKKEEPER	100	3.888	5.608	4.715	5.276	4.823	4.210	5.915	5.873	13.447	4.926	3.898	2.634	2.214	3.530	24.714
755	MISC ACCT RECDG	46	3.410	5.782	4.472	5.521	5.418	4.473	6.094	5.859	14.851	5.357	3.527	1.852	2.410	4.886	23.908
756	KEYPUNCH OP	69	4.049	5.642	4.404	4.860	4.487	4.358	4.678	4.950	12.337	4.754	3.783	2.485	2.202	4.726	25.053
758	COMPUTER OP	57	3.767	4.947	4.324	4.898	4.561	4.336	5.441	5.397	13.625	5.253	4.198	2.727	2.252	5.468	25.497
761	SECRETARY (NEC)	851	2.757	4.308	2.956	4.071	3.751	2.825	4.427	4.370	13.072	4.770	3.345	2.031	1.595	4.225	22.720
764	LEGAL SECRETARY	45	3.489	5.228	3.679	4.067	4.393	4.111	4.979	4.568	13.364	5.600	4.567	3.326	2.642	4.858	21.744
765	STENO, COURT REPRTR	48	3.991	5.332	4.017	4.990	4.779	3.928	6.060	4.869	14.089	5.490	3.614	2.669	2.392	3.819	24.895
766	TYPIST, CLRK TYPST	68	3.325	4.297	3.628	4.630	4.364	3.371	5.390	5.088	13.564	4.603	4.086	2.627	1.982	5.330	26.761
769	CLERK (MISC)	99	3.207	4.585	3.692	4.773	4.377	3.421	5.262	4.344	13.828	4.939	3.727	1.909	1.213	4.344	22.127
789	OTHER "PUB CONT" OCCS	38	3.267	4.463	3.831	4.818	4.471	3.921	5.010	5.176	12.865	5.383	5.084	3.137	2.483	6.373	23.978
120	IND, BUS, COMM (NEC)	26	3.400	4.917	3.743	4.551	3.948	3.514	5.430	4.959	11.352	5.131	3.996	3.291	3.008	5.265	25.675
868	CLTHNG & FASH TRADES	41	3.674	5.160	3.730	4.811	3.873	3.578	3.930	5.017	12.365	5.407	4.027	2.684	2.736	6.004	26.281
893	HAIRDRESSER	201	3.291	5.068	4.430	5.075	4.637	4.567	4.612	4.893	12.999	5.587	3.927	1.575	1.776	5.366	23.772
894	PRACTICAL NURSE	168	2.920	5.063	4.617	5.715	4.575	4.795	5.469	5.456	14.466	5.626	2.813	1.172	2.831	6.140	26.221
899	GENERAL LABORER	62	4.753	6.356	5.669	5.952	6.054	5.429	6.768	6.644	15.125	6.742	5.341	3.114	1.601	6.356	26.228

TABLE 3.4 (continued)

#	GROUP	N	751	755	756	758	761	764	765	766	769	789	120	868	893	894	899
751	BOOKKEEPER	100	—														
755	MISC ACCT RECDG	46	1.846	—													
756	KEYPUNCH OP	69	1.136	1.957	—												
758	COMPUTER OP	57	1.807	2.434	1.651	—											
761	SECRETARY (NEC)	851	0.820	1.195	1.109	1.243	—										
764	LEGAL SECRETARY	45	1.909	2.734	2.312	2.340	1.039	—									
765	STENO, COURT REPRTR	48	1.127	1.810	1.724	1.570	0.622	1.731	—								
766	TYPIST, CLRK TYPST	68	1.336	2.224	1.549	0.968	0.727	2.092	1.375	—							
769	CLERK (MISC)	99	1.093	1.354	1.255	1.085	0.570	1.595	1.134	0.878	—						
789	OTHER "PUB CONT" OCCS	38	1.972	2.995	2.481	2.210	1.391	1.892	2.270	1.524	1.887	—					
120	IND, BUS, COMM (NEC)	26	2.288	2.795	2.240	1.956	1.501	2.640	2.202	1.558	1.646	2.656	—				
868	CLTHNG & FASH TRADES	41	2.021	2.926	1.883	2.671	1.543	2.864	2.482	1.877	2.202	2.652	2.787	—			
893	HAIRDRESSER	201	1.775	1.653	1.403	1.727	1.247	2.439	2.117	1.501	0.956	2.070	2.257	1.774	—		
894	PRACTICAL NURSE	168	2.955	2.124	2.405	2.446	2.217	3.833	2.999	2.261	2.020	3.073	3.455	2.663	1.285	—	
899	GENERAL LABORER	62	1.917	2.674	1.690	1.794	1.706	3.127	2.221	1.522	1.452	2.202	2.487	2.274	1.125	1.974	—

TABLE 3.5

d^2's AMONG 74 OCCUPATIONS. DATA BASED ON 64 COGNITIVE VARIABLES FOR 12TH GRADE MALES

#	GROUP	N	211	231	232	240	241	242	243	245	250	421	422	462	310	329	332
211	MATH, STAT	46	—														
231	CHEMIST	81	2.125	—													
232	PHYSICIST	64	1.952	2.399	—												
240	ENGINEER	167	1.869	1.543	1.809	—											
241	CIVIL ENGINEER	105	2.314	1.959	2.649	0.360	—										
242	ELECTRICAL ENGINEER	243	1.654	1.599	1.399	0.783	1.536	—									
243	MECHANICAL ENGINEER	143	1.574	1.519	1.719	0.828	1.071	1.098	—								
245	CHEMICAL ENGINEER	58	2.512	1.950	2.732	1.451	1.493	2.104	1.740	—							
250	ARCHITECT	58	4.064	3.417	3.854	2.398	2.332	2.677	2.449	3.617	—						
421	TEACHER-HS MATH	62	2.923	3.034	3.866	2.301	1.752	2.549	2.191	3.373	3.182	—					
422	TEACHER-HS SCI	50	4.713	2.615	4.196	3.055	2.693	2.736	2.713	3.554	3.761	4.216	—				
462	COLL/UNIV TCHR-SCI	68	2.489	1.537	2.518	1.864	2.728	2.244	2.179	1.765	3.533	2.344	3.439	—			
310	BIOLOGIST, ZOOLOGIST	32	5.496	2.894	4.873	3.424	3.771	4.119	3.841	3.493	4.330	4.794	3.012	2.898	—		
329	MD-OTHER	229	2.165	1.433	2.953	1.555	2.151	2.284	2.289	1.613	3.297	3.105	3.766	1.576	3.869	—	
332	DENTIST	97	2.701	1.843	3.102	1.587	1.728	2.086	1.678	1.378	2.253	2.525	2.703	1.756	3.199	1.488	—
335	PHARMACIST	91	3.227	1.944	3.721	1.767	2.011	2.449	1.829	2.549	3.413	2.454	2.977	2.647	3.617	2.117	1.794
120	IND, BUS, COMM (NEC)	141	4.494	2.974	5.023	2.769	2.199	3.339	3.002	3.554	[illegible]	3.057	2.587	3.620	3.448	3.236	2.034
642	MILITARY OFFICERS	108	3.065	2.092	3.255	1.464	1.526	2.115	1.813	2.375	2.362	2.821	2.835	2.435	2.925	2.280	2.006
711A	BANKING & FINANCE, I	63	6.941	5.464	7.507	5.121	4.582	5.759	5.071	6.221	5.810	5.529	4.325	5.800	6.591	5.669	4.636
711B	BANKING & FINANCE, II	116	3.895	2.671	4.301	2.174	2.072	3.111	2.764	3.047	2.693	2.404	2.773	2.798	3.173	2.294	1.941
716	CPA	280	3.134	2.478	3.935	1.751	1.589	2.623	2.070	3.072	2.743	1.652	3.124	3.041	4.191	2.083	1.792
717	ACCNT (EXC CPA)	202	4.199	3.477	4.960	2.678	2.366	3.514	3.094	4.259	3.725	2.923	3.304	3.937	4.713	3.271	2.742
723	EFFICIENCY EXPERT	111	3.049	2.190	3.131	1.390	1.390	2.061	1.785	2.649	2.174	2.123	2.793	2.668	3.281	2.208	1.887
726	PERSONNEL ADMIN	81	4.403	3.090	4.930	2.576	2.120	3.896	2.971	3.696	3.144	2.741	2.898	3.204	3.295	3.094	2.293
730	BUS, MGMT, ADM (NEC)	511	3.050	1.940	3.431	1.418	1.534	2.014	1.701	2.573	2.137	2.179	2.245	2.339	2.947	2.013	1.331
731	MFG MGMT	95	3.585	1.880	3.403	1.783	1.717	2.352	1.934	3.107	2.323	2.527	2.103	2.756	2.793	2.216	1.726
732	WHSL/RET TRADE MGMT/MKTG	195	4.347	2.819	4.617	2.308	2.242	3.199	2.957	3.660	3.203	4.073	2.942	3.279	3.693	2.730	1.099
841	PILOT	99	4.462	2.927	3.473	2.171	2.473	2.530	2.509	3.374	2.363	[illegible]	3.573	3.708	3.701	3.325	2.450
370	SOCIAL WORKER	60	4.714	3.824	5.644	3.719	3.068	4.615	4.073	4.313	4.210	4.130	3.807	3.925	4.174	3.190	3.120
400	TEACHER (NEC)	423	3.782	2.377	4.286	2.335	2.091	3.173	2.875	3.338	3.172	2.256	2.496	2.784	3.366	2.170	1.764
420	TEACHER-HS (NEC)	69	3.999	2.428	4.072	2.538	2.185	3.417	2.949	3.124	3.326	2.817	2.306	2.807	3.344	2.389	2.335
429	TEACHER-PHYS ED	57	5.718	3.787	5.995	3.524	3.317	4.686	3.927	5.303	3.882	3.342	4.177	4.484	5.609	4.327	3.049
521	CLERGYMAN	176	4.358	3.703	5.388	3.763	3.399	4.533	4.308	4.670	4.764	4.343	3.851	3.921	4.260	3.456	3.594
360	PSYCHOLOGIST	106	2.444	1.706	3.214	1.979	2.436	2.394	2.358	2.400	2.465	3.413	2.947	2.136	3.595	1.187	1.612
393	LAWYER	393	2.980	2.000	3.882	1.397	2.091	2.834	2.808	2.659	2.307	3.335	3.228	2.013	3.364	1.101	1.680
423	TEACHER-HS SOC ST	94	4.572	3.540	5.545	3.541	3.301	4.442	4.394	4.558	4.144	4.038	3.750	3.375	3.742	3.054	3.313
460	COLL/UNIV TCHR (NEC)	179	2.563	2.061	3.392	2.180	2.399	2.671	2.746	2.772	2.782	3.421	3.270	2.112	3.336	1.255	1.735
463	COLL/UNIV TCHR-SOC SCI	85	3.402	2.531	4.512	2.748	2.806	3.539	3.249	3.428	4.345	3.808	3.387	2.744	3.278	1.074	2.743
464	COLL/UNIV TCHR-ENGLISH	57	3.668	3.505	5.333	4.145	4.126	4.554	4.827	4.394	4.514	5.429	5.418	3.791	5.529	2.371	3.722
432	TEACHER-MUSIC	38	6.714	5.871	8.201	6.736	6.419	7.329	6.361	7.354	6.227	7.594	6.267	6.068	7.362	5.298	5.727
551	MUSICIAN	24	7.844	7.168	8.720	8.059	7.854	7.931	7.831	9.647	9.226	5.329	7.665	9.134	9.249	7.460	7.684
575	THEATRE (OTHER)	23	6.901	6.210	6.641	5.923	5.636	5.774	5.996	6.632	5.765	7.432	5.878	7.297	7.405	5.617	5.067
125	ELECTRONICS (NEC)	156	4.586	3.591	4.307	2.768	2.716	2.923	2.682	4.442	3.431	3.059	2.966	4.253	3.914	4.323	2.919
222	COMPUTER PROGRAMMER	121	2.607	2.179	3.472	1.644	1.594	1.386	1.773	2.901	2.502	2.115	2.782	2.710	3.855	2.255	1.812
299	PHYS SCI, LAB TECH	78	4.050	2.435	3.747	1.399	1.820	2.450	2.179	3.075	2.147	2.222	2.693	3.263	3.339	3.293	2.175
758	COMPUTER OPERATOR	78	4.642	3.984	5.101	3.398	3.055	3.814	3.692	5.228	4.160	3.633	4.092	4.524	4.919	3.972	3.473
811	ELECTRONIC TECH	212	4.076	3.160	3.652	2.182	2.410	1.983	2.128	3.713	3.174	3.661	2.571	3.744	3.633	4.304	2.542
864	DRAFTSMAN	140	5.015	3.689	4.949	3.237	2.617	3.415	2.897	4.749	3.128	3.462	3.521	4.344	4.664	4.768	2.815
865	PHOTOGRAPHY	39	6.506	5.496	5.826	4.366	4.564	5.093	5.007	6.798	4.157	6.116	5.164	5.361	5.792	5.667	4.415
112	IN BUS FOR SELF (NEC)	278	5.188	3.337	4.988	2.806	2.613	3.529	2.917	4.352	2.717	3.094	3.472	4.127	4.314	3.902	2.632
738	SUPERVISOR IN BUS	87	5.005	4.235	5.512	3.752	3.283	4.123	3.262	5.135	3.334	3.477	3.626	4.555	5.435	4.777	3.121
746	INSURANCE SLSMAN	61	4.917	3.178	5.227	2.953	2.384	3.711	3.101	3.702	3.319	4.157	3.426	3.536	3.845	3.356	2.638
748	OTHER SLSMAN (NEC)	350	4.525	2.977	4.726	2.498	2.399	3.331	2.841	3.924	3.123	3.316	3.107	3.522	4.024	3.052	2.322
749	SALES MGR	73	4.600	3.052	5.244	2.606	2.273	3.359	2.843	3.643	2.075	2.955	2.953	3.412	4.178	3.226	2.384
810	ELECTRICIAN	168	5.939	4.272	5.625	3.522	3.395	3.685	3.819	5.515	4.266	5.016	4.219	5.302	5.343	5.598	3.926
812	APPLIANCE REPAIR	55	5.839	4.814	5.736	4.396	3.814	4.864	4.383	5.987	5.459	5.260	5.247	5.575	6.662	6.076	4.198
820	MECHANIC (NEC)	116	6.705	5.160	6.455	4.799	4.510	4.875	4.527	6.977	5.666	5.743	4.926	6.091	6.526	6.528	4.541
821	AUTO MECHANIC	74	7.626	6.230	6.907	4.772	4.742	5.170	5.014	7.540	5.271	6.423	5.110	6.685	6.935	7.239	5.429
822	AIRPLANE MECHANIC	68	6.902	4.733	6.111	4.595	4.433	4.818	4.460	6.360	4.879	5.902	4.546	5.486	5.761	6.632	4.699
828	MACHINIST	176	5.656	4.240	5.784	3.437	3.027	4.021	3.267	5.266	4.103	4.458	3.879	4.952	5.484	5.400	3.455
833	METAL TRADES	92	7.237	5.444	6.901	4.935	4.494	5.321	5.103	6.633	5.472	5.257	4.737	6.264	5.947	6.728	4.919
861	PRINTING TRADES	106	6.557	5.137	6.632	4.255	3.876	5.240	4.602	6.125	4.544	5.307	5.127	5.680	5.374	5.526	4.297
797	MISC CLERICAL	112	5.570	4.173	5.911	3.316	3.533	4.545	4.063	4.902	5.039	4.467	4.155	5.050	5.159	4.479	3.774
832	CARPENTER	55	8.012	6.376	7.200	5.629	4.984	5.892	5.508	7.937	5.608	5.911	4.982	7.317	6.879	7.518	5.465
834	BRKLYR, MASON PTR, RFR	62	7.499	5.492	7.058	4.534	4.323	5.234	4.725	6.403	5.135	5.672	4.969	6.304	6.595	6.512	4.831
835	PLUMBER, PIPEFTR	72	6.652	4.927	6.776	4.703	4.127	5.106	4.677	6.436	5.540	5.502	4.189	5.758	6.276	6.194	4.328
837	MISC BLDG & CONST	71	6.191	4.777	5.726	4.113	3.629	4.523	4.213	5.620	4.765	4.743	4.192	5.148	5.370	5.705	4.147
631	FARM/RANCH OWNER	128	7.249	5.275	7.204	4.973	4.614	5.757	5.551	7.423	6.145	4.648	5.285	6.932	6.815	7.204	5.794
639	FARMING (OTHER)	244	7.481	5.843	7.143	4.870	4.596	5.696	5.395	7.083	6.521	4.602	4.818	6.517	6.624	6.691	5.615
640	MILITARY (RANK NOT IND)	54	5.481	4.204	5.687	3.852	3.603	4.502	4.176	5.091	3.782	4.629	4.138	4.361	4.942	4.918	3.563
661	POLICE (PUBLIC)	151	5.856	3.898	5.995	3.939	3.736	4.589	4.215	5.183	4.682	5.131	4.066	4.340	4.647	4.271	3.624
666	FIREMAN	41	7.907	5.851	6.886	4.691	5.219	5.343	5.246	6.986	5.339	6.145	5.717	6.319	6.877	6.684	5.420
853	AUTO, BUS, TRUCK DRVR	85	8.593	6.394	8.019	5.714	5.431	6.573	5.887	7.515	6.664	6.783	6.189	7.021	7.581	7.237	5.715
899	GENERAL LABORER	277	6.793	4.875	6.747	4.449	3.996	5.082	4.524	6.274	4.998	4.562	4.216	5.536	5.567	5.861	4.195

TABLE 3.5 (continued)

#	GROUP	N	335	120	642	711	711	716	717	723	726	730	731	732	841	370	400
335	PHARMACIST	91	—														
120	IND, BUS, COMM (NEC)	141	1.798	—													
642	MILITARY OFFICERS	108	1.805	2.305	—												
711A	BANKING & FINANCE, I	63	3.760	2.449	4.187	—											
711B	BANKING & FINANCE, II	116	1.674	1.368	1.827	3.093	—										
716	CPA	280	1.128	1.261	1.775	2.756	1.008	—									
717	ACCNT (EXC CPA)	202	1.981	1.159	2.256	2.093	1.554	0.807	—								
723	EFFICIENCY EXPERT	111	1.265	1.328	1.443	3.548	0.988	0.817	1.440	—							
726	PERSONNEL ADMIN	81	1.656	1.540	1.848	4.062	1.288	1.322	1.826	1.291	—						
730	BUS, MGMT, ADM (NEC)	511	1.073	0.828	1.171	2.489	0.828	0.555	0.908	0.687	1.242	—					
731	MFG MGMT	95	1.556	1.517	1.311	3.364	1.347	1.358	1.832	1.190	1.744	0.730	—				
732	WHSL/RET TRADE MGMT/MKTG	195	1.566	0.835	1.329	2.042	0.881	0.833	1.049	1.238	1.359	0.594	1.362	—			
841	PILOT	99	2.313	2.363	2.038	4.290	2.500	2.433	2.770	1.792	2.566	1.565	1.663	1.928	—		
370	SOCIAL WORKER	60	2.561	2.111	3.132	3.818	2.532	2.349	2.646	2.857	2.616	2.084	2.662	2.106	3.398	—	
400	TEACHER (NEC)	423	1.191	0.962	1.829	2.636	1.052	0.739	0.990	1.044	1.181	0.718	1.137	0.763	2.258	1.930	—
420	TEACHER-HS (NEC)	69	1.879	1.593	1.875	3.007	1.421	1.550	1.371	1.614	1.650	1.027	1.400	1.407	2.596	2.366	0.906
429	TEACHER-PHYS ED	57	2.485	1.893	3.602	3.516	2.007	1.581	2.026	2.268	2.115	1.737	2.556	1.803	3.542	3.237	1.446
521	CLERGYMAN	176	3.727	3.143	2.891	4.177	4.408	3.199	2.903	3.503	3.375	2.566	2.397	2.747	3.780	2.740	2.479
360	PSYCHOLOGIST	106	2.284	2.199	2.272	4.560	2.015	1.770	2.718	2.134	2.494	1.433	1.718	1.989	2.916	2.362	1.911
393	LAWYER	393	1.698	1.897	1.790	4.108	1.294	1.169	1.912	1.363	1.495	1.075	1.357	1.332	2.383	2.039	1.032
423	TEACHER-HS SOC ST	94	2.477	1.845	2.613	3.959	1.974	1.992	2.100	2.390	1.730	1.611	2.177	1.529	3.291	2.007	1.111
460	COLL/UNIV TCHR (NEC)	179	2.378	2.693	2.262	4.243	2.127	2.092	2.494	2.367	2.832	1.502	1.658	2.114	2.765	2.363	1.743
463	COLL/UNIV TCHR-SOC SCI	85	2.591	2.772	1.933	4.222	1.380	2.274	2.561	2.373	2.305	1.737	1.648	1.993	2.847	2.578	1.450
464	COLL/UNIV TCHR-ENGLISH	57	4.754	4.426	3.715	6.315	3.981	4.130	4.716	4.392	4.443	3.557	3.214	4.139	4.301	4.008	3.620
432	TEACHER-MUSIC	38	5.111	4.588	6.233	6.220	5.220	5.338	5.208	5.630	5.160	4.493	4.937	5.023	6.247	4.865	4.768
551	MUSICIAN	24	7.100	6.463	7.997	7.475	7.764	6.406	6.507	6.295	6.484	5.763	6.491	6.466	7.216	7.281	6.261
575	THEATRE (OTHER)	23	5.526	4.955	5.538	5.493	4.930	4.962	5.989	4.896	5.221	4.166	4.274	4.361	4.133	4.490	4.953
125	ELECTRONICS (NEC)	156	2.259	1.581	2.762	3.051	2.651	2.459	2.498	1.953	2.700	1.498	2.373	2.004	2.414	3.443	2.355
222	COMPUTER PROGRAMMER	121	1.394	1.336	1.565	2.680	1.449	0.740	1.188	1.146	1.853	0.546	1.095	1.298	2.000	2.091	1.150
299	PHYS SCI, LAB TECH	78	1.470	1.207	2.316	3.762	1.564	1.494	1.849	1.173	1.996	0.930	1.621	1.507	2.282	2.957	1.477
758	COMPUTER OPERATOR	78	2.467	1.706	2.997	2.078	2.134	1.520	1.616	1.802	2.723	1.301	2.384	1.487	3.009	3.123	1.663
811	ELECTRONIC TECH	212	2.039	1.655	2.334	3.834	2.341	2.449	2.629	1.872	2.608	1.362	1.974	2.051	1.754	3.222	2.444
864	DRAFTSMAN	140	2.496	1.223	2.814	2.855	2.597	1.978	1.818	2.096	2.745	1.285	2.110	1.646	2.645	3.262	2.035
865	PHOTOGRAPHY	39	4.143	2.867	5.074	4.443	4.083	3.722	3.697	3.194	4.182	2.355	3.422	3.414	3.594	3.544	3.456
112	IN BUS FOR SELF (NEC)	278	2.261	0.851	2.564	2.443	1.767	1.701	1.494	1.634	2.276	0.895	1.488	1.016	2.067	2.778	1.633
738	SUPERVISOR IN BUS	87	2.746	1.434	3.424	3.269	2.585	2.000	2.069	2.301	2.502	1.376	2.291	1.819	3.216	3.247	2.072
746	INSURANCE SLSMAN	61	2.025	1.544	2.420	3.081	1.735	1.750	1.957	1.901	2.451	1.019	1.821	1.463	2.333	2.311	1.563
748	OTHER SLSMAN (NEC)	350	1.600	0.767	2.122	1.471	1.159	0.944	0.949	1.026	1.615	0.557	1.209	0.472	1.708	2.154	2.314
749	SALES MGR	73	1.806	1.177	2.037	2.372	1.519	1.130	1.257	1.321	1.602	0.823	1.252	1.178	2.422	2.478	1.176
810	ELECTRICIAN	168	2.931	1.457	3.606	2.835	2.934	2.745	2.284	2.596	3.423	1.732	2.712	1.924	2.723	2.726	2.671
812	APPLIANCE REPAIR	55	3.997	2.335	4.606	3.734	4.286	3.330	2.428	3.296	4.426	2.804	3.644	2.946	3.931	4.576	3.090
820	MECHANIC (NEC)	116	4.202	2.343	4.451	3.832	4.340	3.842	3.102	3.646	4.260	2.548	3.349	2.842	3.586	4.799	3.661
821	AUTO MECHANIC	74	4.856	2.726	4.701	3.854	4.496	3.895	3.328	3.903	4.590	2.883	3.649	2.937	4.131	5.017	3.932
822	AIRPLANE MECHANIC	68	3.700	2.183	3.930	3.969	3.775	3.786	3.258	3.225	3.195	2.404	3.332	2.531	2.947	4.552	3.235
828	MACHINIST	176	2.984	1.347	3.238	2.444	3.112	2.564	1.951	2.435	3.128	1.655	2.529	1.816	2.952	4.346	2.501
833	METAL TRADES	92	4.295	2.081	4.542	3.302	3.814	3.599	2.593	3.548	4.168	2.645	3.731	2.764	4.312	4.553	3.324
861	PRINTING TRADES	106	3.391	1.547	3.868	2.365	2.300	2.269	1.900	2.364	3.347	1.595	2.729	1.873	3.311	3.524	2.299
797	MISC CLERICAL	112	2.791	1.180	3.934	2.737	2.412	2.126	1.506	2.381	2.735	1.514	2.650	1.629	3.173	2.513	1.872
832	CARPENTER	55	5.020	2.626	4.950	3.727	4.326	4.087	3.274	4.098	5.054	3.136	4.215	3.038	4.438	5.474	3.629
834	BRKLYR, MASON PTR, RFR	62	4.062	2.429	4.552	3.494	4.043	3.641	3.187	3.364	4.430	2.605	3.239	2.855	4.226	4.934	3.476
835	PLUMBER, PIPEFTR	72	3.988	1.735	4.555	3.220	3.773	3.682	2.630	3.526	3.986	2.627	3.327	2.383	3.651	4.202	2.765
837	MISC BLDG & CONST	71	3.355	2.066	3.791	3.505	3.342	3.247	2.397	2.660	3.247	2.143	3.127	2.286	3.500	4.258	2.710
631	FARM/RANCH OWNER	128	5.613	3.639	5.264	5.119	4.516	4.534	3.571	4.210	5.107	3.696	4.745	3.662	5.494	6.217	4.014
639	FARMING (OTHER)	244	4.691	2.905	4.715	4.023	4.153	3.982	3.077	3.822	4.691	3.321	3.979	3.076	4.986	5.399	3.453
640	MILITARY (RANK NOT IND)	54	3.204	1.795	3.094	4.019	2.676	3.015	3.123	2.859	2.885	2.119	2.294	2.225	3.061	3.126	2.457
661	POLICE (PUBLIC)	151	2.538	1.301	2.341	2.575	2.179	2.206	1.723	2.517	2.600	1.365	2.234	1.471	2.909	2.387	1.734
666	FIREMAN	41	3.680	2.694	4.659	3.376	3.424	3.000	3.006	3.603	3.734	2.497	3.563	2.357	3.731	4.557	3.307
853	AUTO, BUS, TRUCK DRVR	85	5.050	2.670	5.405	3.746	4.693	4.424	3.058	4.508	5.242	3.393	4.314	3.012	4.654	5.368	4.862
899	GENERAL LABORER	277	3.369	1.276	4.081	2.576	3.152	2.597	1.732	2.410	2.235	1.851	2.747	1.827	3.623	3.744	2.172

TABLE 3.5 (continued)

#	GROUP	N	420	429	521	360	393	423	460	463	464	432	551	575	125	222	299
420	TEACHER-HS (NEC)	69	—														
429	TEACHER-PHYS ED	57	2.539	—													
521	CLERGYMAN	176	2.600	4.409	—												
360	PSYCHOLOGIST	106	2.219	3.322	2.919	—											
393	LAWYER	393	1.648	2.555	2.334	0.922	—										
423	TEACHER-HS SOC ST	94	1.581	2.635	2.084	2.273	1.437	—									
460	COLL/UNIV TCHR (NEC)	179	1.966	3.489	1.645	1.156	1.119	1.971	—								
463	COLL/UNIV TCHR-SOC SCI	85	2.041	3.608	1.621	1.501	1.011	1.535	1.034	—							
464	COLL/UNIV TCHR-ENGLISH	57	3.625	5.434	3.382	1.830	2.016	3.145	1.679	1.774	—						
432	TEACHER-MUSIC	38	5.001	5.065	4.777	4.397	4.548	4.371	3.580	4.327	4.590	—					
551	MUSICIAN	24	7.053	6.972	7.165	5.845	6.370	6.254	5.680	6.736	6.345	5.636	—				
575	THEATRE (OTHER)	23	5.610	6.165	5.852	4.086	4.472	5.691	4.455	4.601	4.963	6.569	7.092	—			
125	ELECTRONICS (NEC)	156	2.940	3.447	4.247	3.604	3.614	3.343	3.726	4.275	6.477	5.778	7.010	4.870	—		
222	COMPUTER PROGRAMMER	121	1.667	2.094	2.868	1.474	1.343	1.957	1.786	1.975	3.001	4.526	5.869	3.945	1.958	—	
299	PHYS SCI, LAB TECH	78	1.793	2.297	4.164	2.689	2.466	2.598	2.993	3.421	5.319	5.221	6.562	5.249	1.554	1.207	—
758	COMPUTER OPERATOR	78	2.524	2.086	3.846	2.973	2.617	2.463	3.064	3.452	5.199	5.004	6.205	5.671	2.399	1.505	1.849
811	ELECTRONIC TECH	212	2.981	3.744	4.146	3.115	3.297	3.558	3.457	4.322	6.101	5.677	6.760	4.638	0.717	1.723	1.511
864	DRAFTSMAN	140	2.512	2.575	4.254	3.666	3.441	3.355	3.862	4.166	6.284	5.566	7.494	5.669	1.340	1.678	1.366
865	PHOTOGRAPHY	39	4.002	4.395	5.187	3.759	4.079	4.294	4.306	5.269	6.164	6.243	7.141	4.833	2.971	2.883	3.215
112	IN BUS FOR SELF (NEC)	278	2.032	2.195	3.913	2.507	2.459	2.739	3.023	3.181	5.134	4.879	6.884	4.716	1.569	1.529	1.342
738	SUPERVISOR IN BUS	87	2.564	2.557	4.565	3.402	3.436	2.902	3.593	4.049	5.708	4.430	6.186	5.874	2.010	1.801	1.620
746	INSURANCE SLSMAN	61	1.915	2.304	3.402	2.522	2.247	2.211	2.679	2.621	5.717	5.255	7.633	5.615	2.199	1.790	2.020
748	OTHER SLSMAN (NEC)	350	1.320	1.643	2.888	2.268	1.587	1.739	2.454	2.439	4.667	4.665	6.092	4.822	1.795	1.139	1.354
749	SALES MGR	73	1.695	1.924	3.350	2.055	1.556	2.187	2.596	2.254	3.961	4.838	6.286	4.441	2.387	0.928	1.565
810	ELECTRICIAN	168	3.250	3.263	4.572	4.196	3.992	3.732	4.434	4.861	7.165	6.161	7.875	5.713	1.117	2.235	1.931
812	APPLIANCE REPAIR	55	3.525	3.824	4.694	5.147	4.819	4.415	4.826	5.812	7.179	6.250	7.560	7.753	2.530	3.049	2.429
820	MECHANIC (NEC)	116	3.989	4.125	5.378	5.185	5.180	4.650	5.169	5.846	7.714	5.916	7.650	6.406	2.076	3.115	2.505
821	AUTO MECHANIC	74	4.607	4.481	5.590	5.259	5.329	4.954	5.469	5.861	8.164	6.893	8.437	6.653	2.283	3.559	3.389
822	AIRPLANE MECHANIC	68	3.526	3.800	5.917	4.756	4.748	4.022	5.383	5.322	7.987	6.301	7.893	6.180	1.960	3.328	2.477
828	MACHINIST	176	2.841	3.043	4.813	4.032	4.006	3.776	4.332	4.688	6.594	5.473	6.993	6.491	1.480	2.181	1.726
833	METAL TRADES	92	3.456	3.692	5.879	5.581	5.364	4.734	5.573	6.205	8.291	7.033	8.359	7.623	2.541	3.508	2.535
861	PRINTING TRADES	106	2.953	2.842	4.904	3.983	3.515	2.961	4.516	4.630	6.708	5.779	7.406	6.457	2.075	2.192	2.194
797	MISC CLERICAL	112	2.105	2.482	3.796	3.448	3.074	2.825	3.638	3.656	5.410	4.909	6.183	5.853	2.560	1.875	2.123
832	CARPENTER	55	4.223	4.336	6.122	6.079	6.043	5.219	6.136	6.383	9.163	8.160	10.250	7.823	2.804	4.149	3.435
834	BRKLYR, MASON PTR, RFR	62	4.068	4.401	6.065	5.409	4.914	4.771	5.692	6.014	8.536	7.325	8.668	7.169	2.355	3.440	2.434
835	PLUMBER, PIPEFTR	72	2.866	3.665	4.918	4.821	4.634	3.928	5.005	5.242	7.187	6.501	8.567	7.100	2.437	3.155	2.633
837	MISC BLDG & CONST	71	2.706	3.771	5.002	5.040	4.399	3.915	4.699	5.238	7.686	5.967	7.335	7.306	2.386	2.989	2.084
631	FARM/RANCH OWNER	128	4.026	5.005	6.195	6.510	6.020	5.608	5.941	6.312	9.303	9.019	10.400	8.877	4.041	4.734	3.424
639	FARMING (OTHER)	244	3.655	4.547	5.679	6.002	5.629	5.114	5.543	5.798	8.721	7.628	9.684	8.127	3.582	4.177	2.858
640	MILITARY (RANK NOT IND)	54	2.928	3.572	4.144	3.268	3.053	3.030	3.741	3.480	5.129	5.619	8.950	5.303	2.768	2.535	2.407
661	POLICE (PUBLIC)	151	2.061	2.492	3.883	3.134	2.773	2.069	3.328	3.229	5.349	4.485	7.008	5.570	2.261	1.928	2.033
666	FIREMAN	41	3.648	3.208	6.403	4.750	4.308	4.082	5.716	5.474	7.808	7.364	8.734	6.019	2.807	2.936	2.710
853	AUTO, BUS, TRUCK DRVR	85	3.851	4.401	6.502	6.213	5.708	5.003	6.111	6.377	8.692	7.593	9.986	7.862	3.558	4.306	3.230
899	GENERAL LABORER	277	2.675	2.733	4.750	4.529	4.040	3.427	4.610	4.832	7.329	5.989	7.662	6.865	2.220	2.557	1.903

TABLE 3.5 (continued)

#	GROUP	N	758	811	864	865	112	738	746	748	749	810	812	820	821	822	828
758	COMPUTER OPERATOR	78	—														
811	ELECTRONIC TECH	212	2.605	—													
864	DRAFTSMAN	140	1.924	1.550	—												
865	PHOTOGRAPHY	39	2.701	2.455	1.550	—											
112	IN BUS FOR SELF (NEC)	278	1.627	1.542	3.356	2.513	—										
738	SUPERVISOR IN BUS	87	2.141	2.065	1.760	3.522	1.562	—									
746	INSURANCE SLSMAN	61	2.143	2.306	1.827	3.723	1.290	2.054	—								
748	OTHER SLSMAN (NEC)	350	1.316	1.504	1.443	2.670	2.020	1.380	1.035	—							
749	SALES MGR	73	2.007	2.139	1.790	3.111	1.212	1.338	1.521	0.921	—						
810	ELECTRICIAN	168	2.206	1.224	1.381	4.303	2.124	1.925	1.988	1.359	2.323	—					
812	APPLIANCE REPAIR	55	3.142	2.910	1.871	3.226	2.149	2.694	3.729	2.425	3.177	1.971	—				
820	MECHANIC (NEC)	116	2.695	1.895	1.762	3.225	1.512	1.831	2.899	2.146	3.062	1.175	2.541	—			
821	AUTO MECHANIC	74	3.423	2.259	2.228	3.611	1.776	2.387	2.543	2.415	3.003	1.325	3.062	1.554	—		
822	AIRPLANE MECHANIC	68	3.219	1.923	2.066	3.755	1.630	2.014	2.590	1.896	2.333	1.317	3.351	1.571	2.145	—	
828	MACHINIST	176	2.260	1.573	0.051	3.233	2.043	1.257	2.008	1.250	1.798	0.997	1.739	0.901	1.437	1.347	—
833	METAL TRADES	92	2.714	2.710	1.933	4.223	1.664	2.166	3.144	2.122	3.076	1.448	2.261	1.510	2.542	1.556	1.143
861	PRINTING TRADES	106	1.639	2.548	1.463	3.514	1.777	1.976	1.598	1.091	1.948	1.453	2.392	2.009	2.075	2.365	1.239
797	MISC CLERICAL	112	1.935	2.206	1.829	3.502	1.272	2.074	2.051	1.153	1.657	1.657	2.411	2.303	2.589	2.350	1.633
832	CARPENTER	55	2.922	3.325	2.145	4.263	2.262	2.812	3.080	2.752	3.348	1.995	3.079	1.976	2.272	2.675	1.631
834	BRKLYR, MASON PTR, RFR	62	3.123	2.375	2.420	3.075	1.565	2.494	2.906	2.076	2.321	1.561	2.943	1.702	2.200	2.550	1.438
835	PLUMBER, PIPEFTR	72	3.021	2.560	2.361	4.556	1.994	2.274	2.946	1.948	2.573	1.459	1.856	1.615	2.366	2.323	1.055
837	MISC BLDG & CONST	71	2.684	2.152	1.275	3.474	1.436	2.164	2.915	1.775	2.621	1.600	2.267	1.866	2.024	2.143	1.274
631	FARM/RANCH OWNER	128	4.069	4.037	3.806	4.776	3.066	3.661	3.965	3.476	4.133	3.395	4.777	2.843	3.796	3.213	2.164
639	FARMING (OTHER)	244	3.578	3.542	3.476	4.065	2.213	2.972	3.978	2.898	3.522	2.693	3.779	2.444	3.176	3.162	2.216
640	MILITARY (RANK NOT IND)	54	3.025	2.684	2.335	3.436	1.560	2.505	2.916	2.106	2.586	2.423	3.349	3.434	3.720	2.426	2.321
661	POLICE (PUBLIC)	151	1.882	2.253	1.399	3.524	1.043	1.525	1.246	1.014	1.887	1.330	2.035	1.431	2.369	1.664	1.642
666	FIREMAN	41	3.435	3.157	2.778	3.540	1.465	2.913	2.891	2.142	2.752	2.193	3.711	3.255	3.157	2.122	2.347
853	AUTO, BUS, TRUCK DRVR	85	3.843	3.665	2.428	4.437	[illegible]	2.797	3.296	2.495	3.549	1.060	3.093	1.697	2.562	2.202	1.555
899	GENERAL LABORER	277	1.932	2.232	1.395	3.337	1.040	1.477	2.151	1.251	2.007	1.166	2.102	1.167	1.910	1.639	1.426

TABLE 3.5 (continued)

#	GROUP	N	833	861	797	832	834	835	837	631	639	640	661	666	853	899
833	METAL TRADES	92	—													
861	PRINTING TRADES	106	2.432	—												
797	MISC CLERICAL	112	1.820	1.754	—											
832	CARPENTER	55	1.663	2.376	3.079	—										
834	BRKLYR, MASON PTR, RFR	62	2.069	2.146	2.521	2.963	—									
835	PLUMBER, PIPEFTR	72	1.785	2.312	1.849	2.016	1.971	—								
837	MISC BLDG & CONST	71	1.578	2.272	1.837	2.449	2.168	1.523	—							
631	FARM/RANCH OWNER	128	2.440	4.220	3.877	2.358	3.440	2.811	2.826	—						
639	FARMING (OTHER)	244	2.188	3.675	3.136	2.399	2.716	2.409	2.463	4.906	—					
640	MILITARY (RANK NOT IND)	54	2.928	3.131	2.694	3.509	3.004	2.617	3.242	5.088	4.153	—				
661	POLICE (PUBLIC)	151	1.980	1.430	1.366	2.915	2.271	2.145	2.345	4.037	3.352	2.193	—			
666	FIREMAN	41	3.209	2.177	2.737	3.368	2.734	2.916	3.433	5.083	4.441	2.796	2.174	—		
853	AUTO, BUS, TRUCK DRVR	85	1.911	2.577	2.602	2.579	2.029	1.627	2.215	2.636	1.918	3.601	2.207	3.288	—	
899	GENERAL LABORER	277	1.106	1.432	1.373	1.788	1.218	1.054	1.435	2.324	1.583	2.569	1.478	2.384	1.233	—

TABLE 3.6

d^2's AMONG 74 OCCUPATIONS. DATA BASED ON 45 NON-COGNITIVE VARIABLES FOR 12TH GRADE MALES

#	GROUP	N	211	231	232	240	241	242	243	245	250	421	422	462	310	329	332
211	MATH, STAT	46	—														
231	CHEMIST	81	2.439	—													
232	PHYSICIST	64	1.586	1.483	—												
240	ENGINEER	167	2.197	1.074	1.596	—											
241	CIVIL ENGINEER	105	2.644	1.643	2.376	0.955	—										
242	ELECTRICAL ENGINEER	243	2.536	1.714	1.141	0.844	1.624	—									
243	MECHANICAL ENGINEER	143	2.644	1.928	1.770	0.814	1.172	0.709	—								
245	CHEMICAL ENGINEER	58	2.737	1.677	2.110	1.074	1.563	1.749	1.721	—							
250	ARCHITECT	58	5.259	4.464	4.850	3.422	2.796	3.742	3.294	4.402	—						
421	TEACHER-HS MATH	62	3.660	1.988	2.572	1.955	2.177	2.036	2.465	3.745	4.149	—					
422	TEACHER-HS SCI	50	4.610	1.989	3.332	2.611	2.561	3.133	2.652	4.810	[illegible]	2.575	—				
462	COLL/UNIV TCHR-SCI	68	2.365	1.756	1.757	2.573	3.643	3.225	3.424	3.706	5.566	3.449	3.163	—			
310	BIOLOGIST, ZOOLOGIST	32	4.841	3.465	4.365	4.060	3.928	4.517	4.145	4.965	4.231	5.553	2.441	3.545	—		
329	MD-OTHER	229	4.372	2.970	3.156	3.878	4.955	4.909	5.032	4.262	5.161	4.491	3.199	1.988	4.062	—	
332	DENTIST	97	5.500	2.874	3.882	3.516	3.930	4.463	4.182	4.141	4.677	4.166	1.805	2.915	3.080	1.342	—
335	PHARMACIST	91	3.394	1.949	2.555	2.191	2.494	3.073	2.294	3.170	4.272	2.699	1.717	2.448	2.761	2.397	1.428
120	IND. BUS. COMM (NEC)	141	4.796	2.519	4.043	2.653	2.672	3.443	3.405	4.567	4.326	2.314	1.997	4.141	3.900	4.429	2.987
642	MILITARY OFFICERS	108	3.789	1.728	2.410	1.627	1.721	2.340	2.191	2.693	2.842	2.794	1.635	2.762	3.272	3.266	2.672
711A	BANKING & FINANCE, I	63	7.143	4.783	6.143	4.750	4.774	5.558	5.361	7.141	6.315	4.110	4.535	5.955	6.245	6.978	5.496
711B	BANKING & FINANCE, II	116	4.826	2.780	4.261	2.465	2.705	3.691	3.727	4.252	4.250	2.511	2.612	5.133	4.399	4.342	3.100
716	CPA	280	4.385	2.524	3.935	2.478	2.452	3.720	3.247	4.565	4.476	1.777	3.146	4.593	5.377	5.050	3.948
717	ACCNT (EXC CPA)	202	5.254	3.330	4.859	3.335	3.275	3.174	3.910	4.731	4.903	2.341	3.349	5.649	5.353	5.967	4.349
723	EFFICIENCY EXPERT	111	3.799	1.790	2.771	1.561	1.764	2.047	2.213	4.146	3.175	1.494	2.147	3.620	4.177	4.525	3.221
726	PERSONNEL ADMIN	81	5.116	2.843	4.408	2.038	2.574	4.002	3.904	4.591	4.012	2.210	2.122	4.598	4.527	4.287	2.912
730	BUS, MGMT, ADM (NEC)	511	4.133	1.945	3.056	1.719	1.064	2.476	2.356	3.368	2.538	1.641	1.881	3.721	3.759	3.760	2.461
731	MFG MGMT	95	3.860	1.764	2.442	1.489	1.781	2.042	1.966	2.526	2.719	1.909	1.338	3.444	3.452	3.553	2.151
732	WHSL/RET TRADE MGMT/MKTG	155	4.907	2.561	4.196	2.590	2.510	3.600	3.365	4.257	3.467	2.415	2.226	4.457	4.121	4.352	2.868
841	PILOT	99	3.361	1.834	2.239	1.471	1.737	1.910	1.992	2.983	3.224	2.235	2.147	3.079	3.097	4.024	3.110
370	SOCIAL WORKER	60	5.231	3.472	4.031	3.929	4.650	4.494	4.764	6.009	4.565	2.868	2.162	3.811	4.400	3.709	3.080
400	TEACHER (NEC)	423	4.501	2.313	3.404	2.721	2.347	3.483	3.331	4.368	3.621	1.335	1.733	3.236	4.021	3.359	2.605
420	TEACHER-HS (NEC)	69	5.035	2.402	4.030	3.086	2.991	4.021	4.201	4.627	3.716	2.111	2.012	3.296	4.050	4.242	3.309
429	TEACHER-PHYS ED	57	8.715	5.940	7.195	5.487	5.254	6.196	6.345	7.061	5.527	3.162	4.192	7.314	7.883	6.822	4.706
521	CLERGYMAN	176	6.261	4.478	4.947	5.362	4.917	5.904	[illegible]	6.097	6.239	2.921	3.489	4.513	5.185	4.929	5.275
360	PSYCHOLOGIST	106	3.845	2.690	3.133	3.302	4.165	3.816	[illegible]	5.315	4.417	2.117	1.943	2.977	3.794	2.508	2.577
393	LAWYER	393	5.124	3.127	4.189	3.591	4.016	4.759	[illegible]	4.951	4.365	2.412	2.938	4.046	5.143	2.747	2.914
423	TEACHER-HS SOC ST	94	4.913	2.771	4.277	3.493	3.872	4.791	4.856	5.433	4.606	2.401	2.517	3.726	5.001	4.019	3.820
460	COLL/UNIV TCHR (NEC)	179	4.456	3.382	3.726	3.479	4.072	4.220	4.036	5.112	3.245	2.737	3.209	3.703	4.726	3.301	3.791
463	COLL/UNIV TCHR-SOC SCI	85	4.716	3.365	4.043	4.174	5.194	5.194	5.552	5.517	4.997	4.325	3.490	3.327	4.916	3.283	4.417
464	COLL/UNIV TCHR-ENGLISH	57	6.025	5.109	6.112	6.666	7.951	7.235	8.210	8.325	6.271	6.721	6.382	5.609	7.062	5.113	6.931
432	TEACHER-MUSIC	38	8.812	8.589	8.958	8.664	8.796	9.312	9.651	11.971	8.421	7.870	8.316	8.046	8.449	8.912	9.278
551	MUSICIAN	24	8.891	10.068	9.109	9.963	9.841	9.746	10.842	13.323	6.190	7.471	10.257	8.985	8.152	9.807	11.041
575	THEATRE (OTHER)	23	8.618	6.688	7.326	7.623	7.574	7.163	7.451	6.174	6.173	7.213	5.517	7.346	6.109	7.206	6.953
125	ELECTRONICS (NEC)	156	4.563	2.757	3.306	2.331	2.599	1.973	2.010	4.115	3.755	2.677	2.763	4.212	3.720	5.695	4.079
222	COMPUTER PROGRAMMER	121	3.384	1.707	2.505	1.616	1.582	1.743	2.046	2.868	3.445	1.535	2.239	3.191	3.935	4.237	3.253
299	PHYS SCI, LAB TECH	78	3.692	2.461	2.967	2.336	1.960	2.495	2.281	3.675	4.162	2.472	2.440	3.919	3.883	4.713	3.345
758	COMPUTER OPERATOR	78	5.141	3.350	4.616	3.000	2.417	3.431	4.392	4.947	3.982	2.199	3.184	4.991	5.459	5.570	4.484
811	ELECTRONIC TECH	212	3.531	2.444	2.566	1.958	2.064	1.775	1.737	3.614	3.759	2.624	2.816	3.650	3.953	5.614	4.364
864	DRAFTSMAN	140	5.396	4.175	4.839	3.144	2.823	3.227	2.805	4.355	2.754	4.533	3.368	5.442	4.696	6.839	4.772
865	PHOTOGRAPHY	39	6.002	5.751	5.454	5.000	4.457	5.025	4.822	7.229	3.611	4.570	4.225	5.856	5.483	6.538	5.249
112	IN BUS FOR SELF (NEC)	278	5.564	3.471	4.235	3.068	2.970	3.619	3.229	5.318	2.971	3.094	2.437	5.209	4.508	5.219	3.567
738	SUPERVISOR IN BUS	87	5.640	3.617	5.041	3.639	3.415	4.326	4.114	4.743	4.681	3.324	3.556	4.985	5.079	5.942	4.077
746	INSURANCE SLSMAN	61	5.043	3.242	4.479	3.066	2.713	3.499	3.615	4.494	3.961	2.481	2.748	5.105	5.107	4.994	3.572
748	OTHER SLSMAN (NEC)	350	5.432	3.057	4.205	2.973	3.069	3.719	3.584	5.186	4.096	2.745	2.575	4.753	4.816	5.072	3.276
749	SALES MGR	73	6.836	4.387	5.887	4.132	4.036	5.356	4.891	6.219	4.441	3.396	3.222	6.635	6.002	5.919	3.986
810	ELECTRICIAN	168	5.889	4.084	4.872	3.759	3.651	2.577	3.468	5.650	4.611	4.289	3.790	5.457	5.623	6.752	5.242
812	APPLIANCE REPAIR	55	5.605	4.354	4.553	3.771	4.083	3.709	3.845	5.879	6.400	3.873	4.293	5.051	5.740	6.329	5.567
820	MECHANIC (NEC)	116	6.884	5.118	5.591	4.666	4.015	5.004	4.693	6.976	5.937	5.135	4.657	6.243	6.374	7.581	6.066
821	AUTO MECHANIC	74	7.460	6.681	6.465	5.744	5.698	5.496	5.077	8.177	7.187	4.666	6.523	7.653	8.376	8.828	7.791
822	AIRPLANE MECHANIC	68	6.380	4.265	5.241	3.876	3.964	4.293	3.941	6.092	5.527	4.551	4.440	5.502	5.594	7.410	6.396
828	MACHINIST	176	6.179	4.407	4.995	3.878	2.832	4.805	3.513	6.014	5.095	4.887	3.957	5.468	5.698	6.444	5.433
833	METAL TRADES	92	7.433	5.673	6.318	5.138	5.045	5.451	5.099	6.514	6.433	4.794	4.831	7.079	7.207	8.283	6.740
861	PRINTING TRADES	106	6.345	5.114	5.755	4.684	4.415	5.171	4.619	6.801	4.947	4.633	4.571	5.939	6.205	6.960	5.683
797	MISC CLERICAL	112	5.342	3.483	4.793	3.568	3.759	4.244	4.196	5.721	5.265	3.099	3.069	4.511	4.572	5.601	4.205
832	CARPENTER	55	7.790	6.116	6.875	5.468	5.566	5.875	5.280	7.496	6.349	5.394	4.537	6.930	6.561	7.670	6.027
834	BRKLYR, MASON PTR, RFR	62	6.966	5.666	6.529	5.378	4.881	5.752	5.249	7.555	5.946	6.166	5.252	7.000	7.046	8.101	6.552
835	PLUMBER, PIPEFTR	72	6.485	4.686	5.406	4.114	4.291	4.595	3.983	6.526	4.623	4.201	3.761	5.642	5.569	6.493	4.994
837	MISC BLDG & CONST	71	6.192	4.105	5.071	3.671	3.579	4.274	3.767	5.688	4.040	3.513	3.221	5.516	5.442	6.485	4.970
631	FARM/RANCH OWNER	128	8.920	6.361	7.655	5.979	6.273	7.296	6.594	7.948	7.469	6.234	5.816	7.919	6.837	8.708	7.672
639	FARMING (OTHER)	244	9.057	5.994	7.216	5.785	6.047	6.904	6.489	7.433	7.156	7.009	5.223	7.499	6.421	8.251	7.095
640	MILITARY (RANK NOT IND)	54	5.473	3.608	4.529	3.812	3.486	4.332	4.263	5.699	3.465	2.783	3.285	4.778	4.330	5.818	4.782
661	POLICE (PUBLIC)	151	5.666	3.513	4.854	3.517	3.301	4.348	4.298	5.577	4.346	3.185	2.522	4.483	4.258	4.711	3.284
666	FIREMAN	41	8.653	5.879	7.744	5.698	4.827	6.439	5.520	7.703	6.250	5.416	5.100	8.091	7.355	8.720	6.573
853	AUTO, BUS, TRUCK DRVR	85	7.944	5.804	6.971	5.763	5.310	6.330	5.506	7.757	7.060	5.491	5.128	7.475	7.238	8.632	7.544
899	GENERAL LABORER	277	6.639	4.583	5.839	4.434	4.149	5.000	4.326	6.434	5.447	4.180	3.672	5.802	6.187	6.910	5.392

TABLE 3.6 (continued)

#	GROUP	N	335	120	642	711	711	716	717	723	726	730	731	732	841	370	400
335	PHARMACIST	91	—														
120	IND, BUS, COMM (NEC)	141	2.266	—													
642	MILITARY OFFICERS	108	2.277	1.834	—												
711A	BANKING & FINANCE, I	63	4.111	1.429	3.656	—											
711B	BANKING & FINANCE, II	116	2.673	1.084	1.644	2.670	—										
716	CPA	280	2.734	1.233	2.187	2.562	0.998	—									
717	ACCNT (EXC CPA)	202	3.035	1.165	2.300	1.739	1.096	0.550	—								
723	EFFICIENCY EXPERT	111	2.221	1.177	0.905	2.715	1.023	1.150	1.572	—							
726	PERSONNEL ADMIN	81	2.158	0.979	1.696	2.765	1.199	1.688	2.038	1.269	—						
730	BUS, MGMT, ADM (NEC)	511	1.807	0.526	1.306	1.435	1.494	0.949	1.159	0.628	0.844	—					
731	MFG MGMT	95	1.749	1.426	0.772	2.218	1.199	1.601	1.957	0.651	1.410	0.472	—				
732	WHSL/RET TRADE MGMT/MKTG	195	2.246	0.579	1.601	1.757	0.682	0.994	1.012	0.841	0.876	0.356	0.909	—			
841	PILOT	99	2.159	1.342	0.412	2.060	1.717	1.922	2.328	0.992	1.905	0.898	0.927	1.377	—		
370	SOCIAL WORKER	60	3.043	1.820	2.363	3.457	2.353	3.131	2.901	2.321	2.125	1.922	2.396	2.054	2.425	—	
400	TEACHER (NEC)	423	2.316	0.967	1.211	2.443	1.301	1.635	1.908	1.026	1.125	0.875	1.405	1.381	1.502	1.134	—
420	TEACHER-HS (NEC)	69	2.763	1.234	1.740	2.552	2.061	2.079	2.187	1.415	1.498	1.312	2.004	1.294	2.004	1.361	0.741
429	TEACHER-PHYS ED	57	5.342	3.396	2.641	5.254	4.752	4.337	4.565	3.251	3.236	3.322	3.725	3.417	4.235	3.862	2.234
521	CLERGYMAN	176	4.947	3.735	3.249	4.716	4.323	4.705	4.413	3.982	4.063	3.669	4.063	4.071	4.206	2.327	1.813
360	PSYCHOLOGIST	106	2.920	2.772	2.443	4.744	2.698	3.844	4.073	2.816	2.778	2.268	2.728	2.475	2.885	1.800	1.444
393	LAWYER	393	3.202	2.097	1.673	3.409	1.617	2.737	3.124	2.056	1.652	1.476	1.912	1.915	2.540	2.321	1.642
423	TEACHER-HS SOC ST	94	3.418	1.559	2.102	2.700	2.189	2.521	2.506	2.154	2.108	1.654	2.571	1.846	2.367	1.514	.783
460	COLL/UNIV TCHR (NEC)	179	4.164	2.832	2.445	4.676	2.697	3.614	3.781	3.049	3.254	2.314	2.857	2.950	2.470	2.313	1.601
463	COLL/UNIV TCHR-SOC SCI	85	4.756	3.334	2.430	5.388	4.211	4.538	5.083	3.396	4.555	2.933	3.455	3.380	3.244	2.300	2.342
464	COLL/UNIV TCHR-ENGLISH	57	7.511	6.046	5.533	7.567	6.133	7.690	7.752	6.605	6.867	5.758	6.309	6.635	5.331	4.666	4.801
432	TEACHER-MUSIC	38	8.320	6.659	7.352	6.867	7.787	7.923	7.552	8.367	7.347	6.683	8.046	7.317	7.155	7.041	6.489
551	MUSICIAN	24	9.200	7.697	9.366	7.312	9.305	9.665	9.151	9.908	9.378	9.000	9.694	8.808	7.638	7.556	7.557
575	THEATRE (OTHER)	23	6.245	4.667	5.015	6.562	5.743	7.278	6.943	5.954	4.810	4.346	5.121	5.159	4.970	4.276	5.240
125	ELECTRONICS (NEC)	156	2.545	1.623	2.476	2.565	2.269	2.457	2.290	1.986	2.856	1.479	1.699	1.922	1.463	3.157	2.564
222	COMPUTER PROGRAMMER	121	1.918	1.132	1.657	2.443	1.612	0.975	1.314	1.067	1.695	0.904	1.211	1.307	1.371	2.663	1.564
299	PHYS SCI, LAB TECH	78	2.229	1.369	2.286	2.471	2.456	2.008	1.761	1.810	2.541	1.358	1.741	1.686	1.548	3.174	2.158
758	COMPUTER OPERATOR	78	1.200	0.964	2.380	1.353	1.881	1.117	1.194	1.509	1.712	1.007	1.919	1.194	2.052	3.119	1.611
811	ELECTRONIC TECH	212	2.743	1.668	2.091	2.623	2.771	2.347	2.297	1.613	2.377	1.449	1.685	1.975	1.179	2.919	2.628
864	DRAFTSMAN	14C	3.946	1.753	2.946	3.171	2.880	2.957	2.595	2.260	3.397	2.061	2.316	2.292	1.528	3.651	2.879
865	PHOTOGRAPHY	39	4.449	2.681	3.555	3.864	3.723	4.190	3.761	3.465	4.376	2.675	3.766	4.049	2.770	3.124	4.105
112	IN BUS FOR SELF (NEC)	278	2.931	0.804	1.350	2.566	1.565	2.112	1.722	1.653	1.870	0.783	1.451	0.970	1.419	2.216	1.727
738	SUPERVISOR IN BUS	87	3.275	1.029	3.914	1.895	2.242	2.044	1.569	2.023	2.502	1.347	2.136	1.235	2.034	2.550	2.084
746	INSURANCE SLSMAN	61	2.645	0.892	2.176	2.135	1.139	1.504	1.289	1.387	1.114	0.744	1.520	0.868	1.446	2.272	1.179
748	OTHER SLSMAN (NEC)	350	2.572	0.585	1.352	1.427	1.184	1.642	1.173	1.174	1.289	0.541	1.270	0.535	1.337	1.451	1.262
749	SALES MGR	73	3.332	1.613	2.637	[illegible]	1.325	2.103	1.787	1.846	1.442	1.321	2.109	1.053	2.600	1.667	1.974
810	ELECTRICIAN	168	4.211	1.926	3.313	2.901	1.840	3.351	2.401	3.059	4.146	2.230	3.122	2.575	2.321	4.741	3.215
812	APPLIANCE REPAIR	55	4.132	2.129	3.421	2.565	2.665	3.071	2.667	2.905	3.845	2.191	2.896	2.924	2.400	3.896	2.855
820	MECHANIC (NEC)	116	4.916	2.451	4.176	[illegible]	4.526	4.133	3.504	3.920	4.700	3.053	3.188	3.255	4.120	4.150	4.044
821	AUTO MECHANIC	74	6.261	3.690	5.414	3.720	3.612	4.854	4.310	5.151	5.685	3.981	4.110	4.455	4.030	4.120	4.555
822	AIRPLANE MECHANIC	68	4.712	2.809	3.635	2.366	4.174	3.675	3.340	3.213	4.176	2.744	3.554	2.880	2.588	4.541	3.559
828	MACHINIST	176	4.494	1.949	3.332	2.643	3.600	3.144	2.598	2.816	4.064	2.369	3.153	2.765	2.287	4.362	3.076
833	METAL TRADES	92	5.659	2.697	4.457	3.131	4.857	4.013	3.244	4.157	4.670	3.276	3.473	3.523	3.256	4.727	3.379
861	PRINTING TRADES	106	4.701	1.763	3.736	2.772	3.728	3.165	2.377	3.421	3.741	2.454	3.447	2.479	2.720	3.576	3.356
797	MISC CLERICAL	112	3.141	0.911	2.900	1.344	2.451	1.851	1.440	2.202	2.178	1.309	2.324	1.469	1.856	2.422	1.660
832	CARPENTER	55	5.448	2.694	4.575	3.530	4.427	4.214	3.189	4.415	4.969	3.454	4.251	3.585	3.566	4.520	3.479
834	BRKLYR, MASON PTR, RFR	62	5.525	2.714	4.935	2.926	3.150	4.113	3.565	4.028	4.755	3.140	4.158	3.258	3.317	4.776	3.310
335	PLUMBER, PIPEFTR	72	4.213	2.103	3.381	2.962	3.728	3.826	3.112	3.331	4.312	2.529	3.163	2.822	2.472	3.779	2.924
837	MISC BLDG & CONST	71	4.171	1.707	2.317	2.510	2.207	3.136	2.785	2.944	3.425	2.132	2.752	2.449	1.946	3.055	2.660
631	FARM/RANCH OWNER	128	6.419	4.203	4.770	4.962	5.317	5.064	4.397	5.425	5.991	4.835	5.494	4.768	4.455	5.341	5.224
639	FARMING (OTHER)	244	5.924	3.513	4.275	[illegible]	[illegible]	4.871	4.133	4.867	5.321	4.214	4.971	4.264	3.516	5.133	4.505
640	MILITARY (RANK NOT IND)	54	3.576	1.656	2.112	2.906	2.391	2.557	2.483	2.035	2.618	1.606	2.043	1.728	1.748	2.441	2.119
661	POLICE (PUBLIC)	151	3.171	0.951	2.564	1.718	2.123	2.265	1.917	1.900	1.318	1.167	2.302	1.286	1.650	2.351	1.390
666	FIREMAN	41	5.046	3.049	4.451	3.396	4.305	3.722	3.407	3.756	4.782	3.174	3.963	3.352	3.344	5.008	4.145
853	AUTO, BUS, TRUCK DRVR	85	5.924	2.630	4.253	3.555	4.571	4.146	3.561	4.175	4.502	3.371	4.673	3.665	3.254	4.357	3.565
899	GENERAL LABORER	277	4.193	1.513	3.317	2.730	3.326	3.002	2.433	2.990	3.226	2.182	3.226	2.212	2.611	3.512	2.627

TABLE 3.6 (continued)

#	GROUP	N	420	429	521	360	393	423	460	463	464	432	551	575	125	222	299
420	TEACHER-HS (NEC)	69	—														
429	TEACHER-PHYS ED	57	3.610	—													
521	CLERGYMAN	176	2.373	5.027	—												
360	PSYCHOLOGIST	106	2.261	5.105	2.803	—											
393	LAWYER	391	2.051	4.933	3.826	1.712	—										
423	TEACHER-HS SOC ST	94	0.960	4.117	1.905	1.906	1.755	—									
460	COLL/UNIV TCHR (NEC)	179	1.939	4.770	1.998	1.595	1.752	1.362	—								
463	COLL/UNIV TCHR-SOC SCI	85	2.486	6.721	3.033	1.585	1.367	1.857	1.253	—							
464	COLL/UNIV TCHR-ENGLISH	57	5.156	9.627	4.924	2.920	3.639	4.049	1.988	2.065	—						
432	TEACHER-MUSIC	18	5.505	10.333	6.130	6.652	7.593	6.291	4.911	7.225	7.387	—					
551	MUSICIAN	24	6.922	11.670	7.401	7.151	9.049	7.600	5.935	7.931	7.209	2.669	—				
575	THEATRE (OTHER)	23	[illegible]	8.839	6.085	3.976	4.233	5.342	4.204	4.432	4.582	6.512	7.410	—			
125	ELECTRONICS (NEC)	156	2.710	5.054	5.170	3.790	4.374	3.878	4.306	5.258	7.811	7.291	7.751	4.603	—		
222	COMPUTER PROGRAMMER	121	1.760	4.095	4.216	3.206	2.764	2.723	3.124	3.929	6.335	6.666	7.713	5.655	1.205	—	
299	PHYS SCI, LAB TECH	78	2.565	4.640	5.150	3.775	3.790	3.361	4.263	5.022	7.311	8.025	8.494	6.421	0.952	1.193	—
758	COMPUTER OPERATOR	78	2.090	3.568	4.425	3.966	3.435	2.673	3.709	4.753	7.548	7.059	8.579	5.607	1.648	1.091	1.579
811	ELECTRONIC TECH	212	2.754	4.991	4.927	3.859	4.031	3.438	3.999	4.737	7.483	7.818	8.044	5.651	0.492	1.079	0.979
864	DRAFTSMAN	140	[illegible]	4.324	6.028	4.931	4.849	4.018	4.561	6.006	8.512	8.670	9.292	6.726	1.458	2.109	1.978
865	PHOTOGRAPHY	39	3.495	[illegible]	5.988	4.402	4.047	3.697	4.053	4.886	6.754	7.740	7.236	5.111	3.073	2.942	3.038
112	IN BUS FOR SELF (NEC)	278	2.045	3.644	4.526	3.153	2.561	2.311	3.067	3.915	6.849	7.129	7.977	4.630	1.475	1.978	1.413
738	SUPERVISOR IN BUS	87	2.487	3.763	5.086	4.367	3.918	3.066	4.223	5.366	8.173	7.289	8.273	6.037	1.508	1.962	1.305
746	INSURANCE SLSMAN	61	1.953	3.134	4.444	3.128	2.174	2.090	3.209	4.181	7.135	8.050	8.630	5.615	2.242	1.817	1.632
748	OTHER SLSMAN (NEC)	350	1.724	3.305	4.260	2.930	2.194	2.067	3.203	3.971	6.675	6.662	7.898	4.680	1.642	1.549	1.372
749	SALES MGR	73	2.533	3.833	4.878	3.670	2.123	2.959	3.402	4.384	6.852	8.279	9.666	5.153	3.406	2.357	3.070
810	ELECTRICIAN	168	3.669	5.054	5.964	5.142	5.078	3.983	4.886	5.903	8.548	8.434	9.034	6.163	1.245	2.361	1.189
812	APPLIANCE REPAIR	55	3.352	5.357	5.143	4.679	4.808	3.884	4.527	5.367	8.231	6.915	7.413	6.114	1.151	2.164	1.426
820	MECHANIC (NEC)	116	4.427	5.621	6.527	6.305	5.579	4.790	5.724	6.495	9.911	8.710	9.448	6.796	1.863	3.147	1.766
821	AUTO MECHANIC	74	5.452	6.256	7.611	7.066	6.740	5.980	6.367	7.707	10.373	9.816	9.229	8.011	2.685	3.737	2.783
822	AIRPLANE MECHANIC	68	3.757	5.939	6.015	5.559	5.529	4.302	5.639	6.031	9.545	8.957	9.213	6.606	1.471	2.741	1.937
828	MACHINIST	176	3.634	4.627	5.672	5.168	5.244	4.031	5.004	5.474	8.597	8.621	9.300	6.727	1.360	2.306	1.421
833	METAL TRADES	[illegible]	4.453	5.680	6.403	6.736	6.351	4.839	6.038	7.279	10.230	9.014	10.318	7.431	2.160	3.278	2.012
861	PRINTING TRADES	106	3.629	4.968	5.597	5.457	4.844	3.809	4.934	6.014	8.420	7.572	8.134	6.637	2.328	2.664	1.866
797	MISC CLERICAL	112	1.956	4.359	4.115	3.858	3.653	2.315	3.769	4.511	7.265	5.997	7.054	5.753	1.527	1.434	1.316
832	CARPENTER	55	4.458	5.454	6.290	6.441	6.453	4.957	6.257	7.396	10.399	8.960	10.103	8.032	2.535	3.556	2.192
834	BRKLYR, MASON PTR, RFR	62	4.303	4.835	7.317	6.164	5.757	4.800	5.775	6.921	8.971	8.359	9.332	6.530	2.269	3.362	2.073
835	PLUMBER, PIPEFTR	72	3.562	4.776	5.382	5.008	5.021	4.116	4.710	5.761	8.225	8.093	9.045	6.236	1.727	2.822	1.493
837	MISC BLDG & CONST	71	3.047	4.176	5.328	4.831	4.827	3.384	4.279	5.639	8.079	7.716	8.963	5.907	1.649	2.485	1.624
631	FARM/RANCH OWNER	128	5.883	7.104	6.863	7.683	7.254	5.683	7.061	7.722	11.815	11.601	12.466	9.092	4.912	5.325	4.050
639	FARMING (OTHER)	244	5.907	6.333	6.259	7.109	6.637	5.037	6.696	7.150	11.286	10.573	11.283	8.193	4.081	4.661	3.422
640	MILITARY (RANK NOT IND)	54	2.443	4.597	4.183	3.450	3.228	2.634	3.242	3.705	6.325	6.637	7.394	4.358	1.935	2.066	2.405
661	POLICE (PUBLIC)	151	1.836	2.901	3.921	3.112	2.640	2.066	3.064	3.687	6.428	6.724	7.763	4.943	1.901	1.837	1.342
666	FIREMAN	41	4.845	5.377	7.697	7.065	5.737	5.399	6.752	7.557	10.716	10.800	11.899	8.856	2.981	3.118	2.440
853	AUTO, BUS, TRUCK DRVR	85	4.527	6.203	6.592	6.603	5.729	4.338	6.278	6.537	10.325	10.344	10.607	7.475	2.937	3.731	2.539
899	GENERAL LABORER	277	3.132	4.473	5.476	5.033	4.735	3.534	5.038	5.723	8.973	8.250	9.415	6.310	1.684	2.457	1.460

TABLE 3.6 (continued)

#	GROUP	N	758	811	864	865	112	738	746	748	749	810	812	820	821	822	828
758	COMPUTER OPERATOR	78	—														
811	ELECTRONIC TECH	212	1.916	—													
864	DRAFTSMAN	140	2.049	1.143	—												
865	PHOTOGRAPHY	39	2.536	2.641	2.164	—											
112	IN BUS FOR SELF (NEC)	278	1.563	1.440	1.354	1.992	—										
738	SUPERVISOR IN BUS	87	1.393	1.658	1.806	2.996	1.229	—									
746	INSURANCE SLSMAN	61	1.312	2.143	2.215	2.042	1.167	1.458	—								
748	OTHER SLSMAN (NEC)	350	1.272	1.655	1.961	2.521	0.594	0.780	0.708	—							
749	SALES MGR	73	2.209	3.418	3.708	3.355	1.753	2.361	1.497	1.150	—						
810	ELECTRICIAN	168	2.053	1.187	1.318	2.665	1.239	1.282	2.520	1.776	4.556	—					
812	APPLIANCE REPAIR	55	2.165	1.218	1.828	3.579	1.655	1.788	2.657	2.036	4.318	1.067	—				
820	MECHANIC (NEC)	116	2.984	1.662	2.249	3.475	1.444	1.673	3.518	2.343	4.538	0.655	1.181	—			
821	AUTO MECHANIC	74	3.504	2.207	2.150	3.690	2.596	2.767	3.975	3.328	5.063	1.318	1.789	1.366	—		
822	AIRPLANE MECHANIC	68	2.849	1.212	1.441	3.911	2.063	1.713	3.123	2.294	4.711	0.963	1.372	1.039	1.801	—	
828	MACHINIST	176	1.893	1.280	1.262	2.805	1.354	1.366	2.679	1.891	4.059	0.520	0.920	0.798	1.385	1.031	—
833	METAL TRADES	92	2.862	2.004	2.288	4.237	2.081	1.891	3.115	2.585	4.074	1.014	1.286	0.859	1.829	1.536	0.834
861	PRINTING TRADES	106	2.041	1.965	1.568	2.424	1.400	1.337	2.430	1.567	3.565	0.921	1.719	1.248	1.779	1.476	0.850
797	MISC CLERICAL	112	1.133	1.504	2.055	2.741	1.629	0.954	1.619	1.110	2.821	1.690	1.494	2.023	2.853	1.700	1.642
832	CARPENTER	55	2.832	2.459	2.366	3.723	2.158	2.020	3.462	2.658	4.778	1.412	1.947	1.371	2.551	2.026	0.987
834	BRKLYR, MASON PTR, RFR	62	2.855	2.269	2.366	3.253	1.935	1.725	3.145	2.443	4.509	0.844	2.022	1.226	1.813	1.893	1.256
835	PLUMBER, PIPEFTR	72	2.305	1.803	1.714	3.367	1.397	1.587	2.837	1.936	3.944	0.908	1.385	1.029	1.966	1.551	0.720
837	MISC BLDG & CONST	71	2.032	1.685	1.451	2.971	1.287	1.304	2.415	1.751	3.546	0.781	1.579	1.064	1.964	1.342	1.860
631	FARM/RANCH OWNER	128	4.412	4.726	5.018	6.513	3.544	3.914	4.864	4.335	6.177	3.471	4.371	2.741	4.494	3.577	*.026
639	FARMING (OTHER)	244	3.850	3.098	4.618	5.616	2.922	3.300	4.313	3.534	5.476	2.727	3.645	2.048	3.682	2.835	2.459
640	MILITARY (RANK NOT IND)	54	2.201	1.736	2.035	2.762	1.694	1.932	2.299	1.641	3.073	2.079	2.140	2.396	3.654	1.578	2.316
661	POLICE (PUBLIC)	151	1.395	1.849	1.832	2.262	0.971	1.235	1.390	0.920	2.274	1.437	1.545	1.796	2.889	2.082	1.277
666	FIREMAN	41	3.023	2.824	2.402	4.325	2.709	2.624	3.568	2.888	4.358	1.770	2.445	2.611	2.890	2.326	2.185
853	AUTO, BUS, TRUCK DRVR	85	3.046	2.556	2.910	3.466	2.184	2.207	3.111	2.739	4.399	1.219	2.255	1.367	1.660	1.521	1.233
899	GENERAL LABORER	277	1.657	1.717	1.738	3.313	1.340	1.123	2.001	1.493	3.302	0.608	1.252	0.958	1.579	0.939	0.598

TABLE 3.6 (continued)

#	GROUP	N	833	861	797	832	834	835	837	631	639	640	661	666	853	899
833	METAL TRADES	92	—													
861	PRINTING TRADES	106	1.357	—												
797	MISC CLERICAL	112	1.871	1.509	—											
832	CARPENTER	55	0.966	1.090	1.815	—										
834	BRKLYR, MASON PTR, RFR	62	1.514	1.384	2.499	2.167	—									
835	PLUMBER, PIPEFTR	72	1.294	1.097	1.776	1.268	1.557	—								
837	MISC BLDG & CONST	71	0.810	1.075	1.400	1.253	1.317	0.975	—							
631	FARM/RANCH OWNER	128	3.470	3.382	4.218	3.500	4.350	2.915	3.160	—						
639	FARMING (OTHER)	244	2.700	2.815	3.347	2.716	3.541	2.436	2.515	0.364	—					
640	MILITARY (RANK NOT IND)	54	3.088	2.153	1.905	3.679	2.596	2.548	1.956	4.265	3.703	—				
661	POLICE (PUBLIC)	151	2.112	1.418	1.053	2.118	1.720	1.460	1.406	3.733	2.952	1.609	—			
666	FIREMAN	41	2.955	2.317	2.518	3.206	2.090	2.495	2.426	5.818	5.037	3.009	1.944	—		
853	AUTO, BUS, TRUCK DRVR	85	1.230	1.635	2.181	2.081	1.786	1.935	1.426	2.914	2.176	2.886	2.278	2.738	—	
899	GENERAL LABORER	277	0.755	0.803	1.115	0.942	1.282	0.830	0.657	3.150	2.375	2.101	1.249	2.119	0.915	—

TABLE 3.7

d²'s AMONG 45 OCCUPATIONS. DATA BASED ON 64 COGNITIVE VARIABLES FOR 12TH GRADE FEMALES

#	GROUP	N	231	421	422	337	426	716	717	722	724	726	370	400	412	420	427
231	CHEMIST	25	—														
421	TEACHER-HS MATH	62	3.804	—													
422	TEACHER-HS SCI	41	4.290	4.525	—												
337	RN	703	4.697	4.137	1.651	—											
426	TEACHER-COMM ED	50	8.466	6.029	4.307	2.700	—										
716	CPA	25	10.023	7.788	7.507	5.960	5.664	—									
717	ACCTANT (EXC CPA)	50	9.654	7.371	4.705	2.967	3.901	4.955	—								
722	RETAIL BUYER	24.	11.024	7.974	5.868	4.700	6.432	8.688	5.378	—							
724	ADVERTISING	32	10.416	9.462	5.927	3.724	5.780	7.892	6.255	6.302	—						
726	PERSONNEL ADMIN	25	5.001	3.918	3.332	2.277	3.928	6.612	4.997	5.936	5.493	—					
370	SOCIAL WORKER	190	5.568	5.007	2.507	0.996	2.848	5.086	3.375	5.008	3.155	2.341	—				
400	TEACHER (NEC)	1194	4.995	3.854	1.781	0.527	2.378	4.778	2.691	4.167	3.205	1.870	0.563	—			
412	TEACHER-ELEM	752	5.532	4.039	1.949	0.542	2.451	4.936	2.677	4.061	3.084	2.027	0.602	0.207	—		
420	TEACHER-HS (NEC)	89	5.347	4.631	2.143	1.337	2.757	6.155	3.963	5.563	4.775	2.424	1.367	0.835	1.169	—	
427	TEACHER-HS HOME EC	63	7.272	4.883	3.596	1.710	3.510	8.120	4.014	6.160	5.867	3.988	3.369	2.644	2.339	3.743	—
440	TEACHER-HANDICAPPED	60	6.112	5.101	2.571	1.309	3.410	6.209	3.684	5.898	3.700	3.367	1.532	0.942	0.957	1.927	2.768
423	TEACHER-HS SOC ST	68	6.848	6.612	3.202	1.907	4.417	6.281	4.300	5.222	4.115	3.235	1.577	1.431	1.618	1.714	4.948
424	TEACHER-ENGLISH	150	5.041	4.394	1.893	1.097	2.900	4.972	3.738	5.650	3.837	2.183	0.767	0.691	0.820	1.026	3.475
425	TEACHER-FOR LANG	58	6.272	4.469	3.272	2.434	4.145	6.847	4.791	6.204	4.674	3.041	1.913	1.690	1.953	2.195	4.414
460	COLL/UNIV TCHR (NEC)	90	4.372	4.687	2.004	1.581	3.898	5.230	4.089	5.264	3.629	2.263	1.082	0.984	1.325	1.780	4.144
511	LIBRARIAN	54	6.133	4.259	2.649	1.688	3.982	6.011	3.699	5.352	4.491	2.685	1.925	1.155	1.456	1.514	3.954
431	TEACHER-ART	51	8.234	6.509	4.004	2.916	5.561	7.866	5.504	5.603	3.570	3.930	3.022	2.332	2.224	3.830	4.550
432	TEACHER-MUSIC	58	6.837	6.043	3.221	2.133	4.040	6.417	4.458	6.509	5.386	4.059	2.656	2.188	2.069	2.387	4.270
551	MUSICIAN	11	15.366	13.663	8.861	8.276	10.398	13.017	10.586	13.148	9.812	10.771	7.883	7.549	7.901	8.442	11.562
222	COMPUTER PROGRAMMER	45	4.887	3.025	3.349	3.021	5.105	5.497	4.766	6.175	7.085	3.204	3.178	2.519	2.686	3.007	5.188
347	MED/DENT TECHNOL	101	4.024	3.434	1.643	0.653	3.046	6.690	3.609	5.011	4.791	2.484	1.610	0.979	1.157	1.717	2.641
348	MED/DENT TECHNICIAN	134	7.075	5.996	2.980	1.232	3.377	5.089	2.439	4.209	3.541	3.397	1.469	1.155	1.052	2.888	2.691
741	SALESCLERK	34	11.748	9.753	7.303	5.406	5.458	8.927	4.967	8.146	7.587	7.659	6.128	5.286	4.725	6.969	5.771
711A	BANKING & FINANCE, I	30	9.879	8.567	5.437	3.468	4.035	5.671	3.164	6.449	4.724	6.455	3.914	3.309	3.233	5.141	4.827
711B	BANKING & FINANCE, II	4	19.033	15.135	15.134	14.485	14.286	19.050	15.099	17.192	16.149	13.938	13.941	13.674	13.171	15.604	15.681
751	BOOKKEEPER	131	8.665	6.991	4.179	2.118	2.175	4.773	1.951	5.027	5.031	4.111	2.466	1.974	1.806	3.281	3.127
755	MISC ACCT RECDG	64	7.688	5.881	4.071	2.107	3.918	5.630	2.573	5.286	5.074	4.143	2.524	2.000	1.850	3.690	2.745
756	KEYPUNCH OP	83	10.496	8.617	5.342	3.433	3.800	5.814	3.249	5.554	5.043	5.872	3.173	3.016	2.722	4.986	4.756
758	COMPUTER OP	65	7.986	7.197	4.451	3.005	4.223	6.830	3.505	5.582	6.367	4.783	3.283	2.667	2.619	4.240	4.142
761	SECRETARY (NEC)	997	8.552	7.059	3.639	1.781	1.980	4.658	2.206	4.675	3.590	3.612	1.783	1.394	1.199	2.575	3.156
764	LEGAL SECRETARY	61	10.313	8.458	5.025	3.461	3.391	5.147	3.581	5.750	4.886	4.828	3.076	2.879	2.639	4.571	4.935
765	STENO, COURT REPRTR	69	10.084	8.352	4.954	3.079	2.561	5.649	3.208	6.672	5.153	5.216	3.413	2.728	2.405	4.052	4.456
766	TYPIST, CLRK TYPST	103	9.390	7.672	4.772	2.566	3.551	5.732	2.060	5.306	5.441	4.879	3.006	2.502	2.361	4.144	3.549
769	CLERK (MISC)	137	9.552	7.507	4.434	2.563	2.510	5.279	2.258	4.875	5.211	4.550	2.843	2.352	2.149	3.779	3.256
789	OTHER "PUB CONT" OCCS	58	9.088	8.411	4.258	2.944	3.361	4.950	3.058	5.638	3.889	5.062	2.767	2.463	2.421	3.926	4.258
120	IND, BUS, COMM (NEC)	35	10.011	7.905	5.481	4.167	4.945	6.701	4.637	7.492	6.418	5.921	3.827	3.686	3.640	5.090	5.371
868	CLTHNG & FASH TRADES	50	10.665	9.127	6.463	3.861	4.842	7.775	4.504	7.192	5.394	6.051	4.388	3.834	3.660	5.494	4.021
893	HAIRDRESSER	196	10.386	7.958	5.372	2.819	3.598	6.044	2.611	5.441	5.079	5.590	3.503	2.942	2.448	4.729	2.921
894	PRACTICAL NURSE	118	9.214	8.524	4.979	2.564	4.149	.304	3.501	6.544	4.768	5.398	3.202	3.036	2.773	4.354	3.278
899	GENERAL LABORER	76	10.690	9.820	6.292	4.764	5.545	8.352	4.918	8.393	8.087	7.352	5.046	4.663	4.306	6.002	5.399

TABLE 3.7 (continued)

#	GROUP	N	440	423	424	425	460	511	431	432	551	222	347	348	741	711	711
440	TEACHER-HANDICAPPED	60	—														
423	TEACHER-HS SOC ST	68	2.332	—													
424	TEACHER-ENGLISH	150	1.703	1.709	—												
425	TEACHER-FOR LANG	58	2.627	3.225	1.864	—											
460	COLL/UNIV TCHR (NEC)	90	1.907	2.354	1.262	2.225	—										
511	LIBRARIAN	54	2.620	1.859	1.595	2.195	2.038	—									
431	TEACHER-ART	51	2.439	3.363	2.902	3.425	3.565	3.462	—								
432	TEACHER-MUSIC	58	3.197	3.627	2.660	4.032	2.859	3.435	3.672	—							
551	MUSICIAN	11	8.993	8.666	9.064	8.334	8.448	7.801	8.499	7.562	—						
222	COMPUTER PROGRAMMER	45	3.773	4.006	3.122	4.537	2.952	3.054	5.319	4.555	10.985	—					
347	MED/DENT TECHNOL	101	2.150	2.274	1.554	2.672	1.669	1.848	3.566	3.095	8.457	2.740	—				
348	MED/DENT TECHNICIAN	134	2.000	2.724	2.184	4.056	2.437	2.970	3.017	3.336	9.196	3.511	2.026	—			
741	SALESCLERK	34	5.865	6.834	6.351	7.990	7.547	7.249	8.154	8.015	15.831	7.580	6.549	4.123	—		
711A	BANKING & FINANCE, I	30	4.187	5.687	4.070	6.103	4.675	5.375	5.633	5.513	11.231	6.423	4.582	2.443	4.666	—	
711B	BANKING & FINANCE, II	4	13.772	15.695	14.885	13.800	14.292	14.980	12.796	14.672	22.125	14.044	14.463	14.132	16.047	16.493	—
751	BOOKKEEPER	131	2.821	3.799	2.728	4.747	3.641	3.886	4.889	4.231	11.127	4.763	3.017	1.431	3.399	2.204	15.365
755	MISC ACCT RECDG	64	2.895	3.501	2.608	4.363	3.800	3.497	3.722	4.117	10.694	4.622	3.050	1.324	4.015	2.628	15.598
756	KEYPUNCH OP	83	3.890	4.599	3.909	6.076	4.945	5.450	4.635	5.185	11.509	5.565	4.585	1.664	3.695	2.718	14.711
758	COMPUTER OP	65	3.317	4.606	3.861	5.472	4.059	4.664	4.841	5.644	12.216	5.006	4.012	1.847	3.733	3.436	15.789
761	SECRETARY (NEC)	997	2.491	2.837	1.995	3.874	2.907	2.975	3.664	3.404	9.309	4.443	2.776	1.212	3.409	1.989	14.350
764	LEGAL SECRETARY	61	4.129	4.623	3.499	4.963	4.480	4.800	4.609	4.827	9.170	6.057	4.334	2.248	5.267	2.640	13.368
765	STENO, COURT REPRTR	69	3.707	5.192	3.615	5.444	4.624	4.945	4.764	4.253	10.616	5.652	4.059	2.248	3.801	2.812	15.653
766	TYPIST, CLRK TYPST	103	3.499	3.993	3.601	5.130	4.423	4.343	4.602	4.870	11.439	5.063	3.556	1.462	3.269	2.586	16.104
769	CLERK (MISC)	137	3.345	4.332	3.439	5.136	4.394	4.343	4.424	4.476	10.387	5.006	3.591	1.408	2.649	2.311	13.960
789	OTHER "PUΣ CONT" OCCS	58	3.403	4.113	3.000	5.070	3.536	4.158	4.681	4.756	9.796	5.362	3.884	1.788	3.486	2.174	15.918
120	IND, BUS, COMM (NEC)	35	4.482	6.047	4.514	6.310	5.192	5.798	6.034	6.593	13.096	5.567	4.931	2.821	4.827	3.571	15.493
868	CLTHNG & FASH TRADES	50	4.678	5.789	5.000	5.908	5.923	5.667	4.711	5.786	12.741	7.017	4.900	2.969	3.735	4.452	16.989
893	HAIRDRESSER	196	3.449	5.203	4.131	6.355	5.060	5.259	5.055	4.951	11.881	5.527	3.929	1.528	2.993	2.242	16.212
894.	PRACTICAL NURSE	118	3.374	4.519	4.072	5.565	4.761	5.094	5.549	5.822	12.324	5.839	3.647	1.811	3.175	3.399	16.400
899	GENERAL LABORER	76	5.210	6.342	5.728	7.926	6.669	7.411	7.326	7.482	14.062	7.368	5.412	3.203	2.972	4.178	19.598

TABLE 3.7 (continued)

#	GROUP	N	751	755	756	758	761	764	765	766	769	789	120	868	893	894	899
751	BOOKKEEPER	131	—														
755	MISC ACCT RECDG	64	1.415	—													
756	KEYPUNCH OP	83	1.605	2.282	—												
758	COMPUTER OP	65	1.900	2.094	2.132	—											
761	SECRETARY (NEC)	997	0.854	1.501	1.355	2.022	—										
764	LEGAL SECRETARY	61	2.032	2.657	2.081	3.365	1.367	—									
765	STENO, COURT REPRTR	69	1.503	2.622	2.057	2.688	1.166	2.634	—								
766	TYPIST, CLRK TYPST	103	1.227	1.424	1.502	1.627	1.118	2.651	2.200	—							
769	CLERK (MISC)	137	0.994	1.685	1.484	1.793	0.991	1.826	1.481	1.184	—						
789	OTHER "PUB CONT" OCCS	58	1.868	2.291	1.696	2.306	1.281	2.624	2.188	2.067	1.677	—					
120	IND, BUS, COMM (NEC)	35	2.662	3.460	2.804	2.897	2.955	3.179	3.305	3.017	2.545	3.490	—				
868	CLTHNG & FASH TRADES	50	2.967	2.894	3.693	3.499	3.223	4.961	3.408	2.724	2.214	3.167	3.985	—			
893	HAIRDRESSER	196	1.105	1.599	1.668	2.263	1.474	2.560	2.032	1.358	0.934	2.069	2.886	2.304	—		
894	PRACTICAL NURSE	118	1.997	2.801	2.614	2.412	2.417	3.747	3.020	2.138	1.638	2.155	2.769	2.199	1.721	—	
899	GENERAL LABORER	76	3.141	3.388	3.288	2.773	3.619	5.048	3.850	2.817	2.473	3.295	3.852	3.058	1.952	2.548	—

TABLE 3.8

d^2's AMONG 45 OCCUPATIONS. DATA BASED ON 45 NON-COGNITIVE VARIABLES FOR 12TH GRADE FEMALES

#	GROUP	N	231	421	422	337	426	716	717	722	724	726	370	400	412	420	427
231	CHEMIST	25	—														
421	TEACHER-HS MATH	62	5.190	—													
422	TEACHER-HS SCI	41	6.292	5.258	—												
337	RN	703	8.153	6.003	2.470	—											
426	TEACHER-COMM ED	50	9.705	4.804	5.900	5.427	—										
716	CPA	25	8.843	5.179	6.440	6.274	3.061	—									
717	ACCTANT (EXC CPA)	50	8.458	6.005	5.384	4.610	2.863	2.142	—								
722	RETAIL BUYER	24	8.398	6.415	6.782	4.929	5.053	5.453	4.107	—							
724	ADVERTISING	32	10.601	8.660	6.233	5.911	5.644	5.828	5.513	3.169	—						
726	PERSONNEL ADMIN	25	7.130	5.445	4.211	4.316	4.134	3.624	3.847	4.030	2.944	—					
370	SOCIAL WORKER	190	6.956	4.911	3.256	2.419	3.137	4.140	3.497	3.129	2.509	2.092	—				
400	TEACHER (NEC)	1194	7.183	3.899	3.102	2.041	2.708	3.760	3.279	2.814	2.757	2.150	0.467	—			
412	TEACHER-ELEM	752	8.166	4.374	3.419	2.123	2.794	4.148	3.393	2.832	2.944	2.494	0.575	0.200	—		
420	TEACHER-HS (NEC)	89	6.300	4.005	2.883	3.098	2.816	4.133	3.872	4.199	3.579	2.708	0.956	0.686	1.178	—	
427	TEACHER-HS HOME EC	63	9.580	4.879	5.732	3.873	3.257	4.684	4.017	3.824	5.450	4.745	2.514	1.919	1.697	2.703	—
440	TEACHER-HANDICAPPED	60	8.042	5.208	3.042	1.688	3.966	4.389	3.794	3.982	3.798	2.901	0.947	0.724	0.620	1.815	2.853
423	TEACHER-HS SOC ST	68	8.279	7.069	4.673	4.101	5.218	5.343	5.576	4.600	2.881	2.684	1.349	1.456	1.970	1.637	4.437
424	TEACHER-ENGLISH	150	8.219	5.896	3.880	3.604	3.842	4.980	4.711	4.698	3.277	2.477	1.066	0.996	1.364	1.170	3.658
425	TEACHER-FOR LANG	58	7.288	5.010	3.932	3.417	4.259	5.616	5.483	4.378	2.721	3.251	1.382	1.294	1.533	1.480	3.703
460	COLL/UNIV TCHR (NEC)	90	5.692	4.779	2.206	2.332	4.235	4.760	4.470	4.136	3.124	2.518	1.174	1.353	1.661	1.307	3.568
511	LIBRARIAN	54	7.232	5.576	4.175	4.352	4.654	5.720	4.705	4.499	4.725	3.590	2.022	1.955	2.302	1.950	3.671
431	TEACHER-ART	51	12.401	9.236	8.990	7.559	7.664	9.623	8.566	6.416	4.032	6.335	4.393	4.525	3.987	6.007	4.596
432	TEACHER-MUSIC	58	12.441	7.594	6.175	4.881	5.139	7.966	6.925	7.500	5.601	6.038	3.404	3.149	2.847	3.523	4.138
551	MUSICIAN	11	16.834	14.366	9.728	11.475	10.816	12.627	9.452	11.237	8.969	8.695	8.039	8.255	7.949	7.577	8.821
222	COMPUTER PROGRAMMER	45	4.042	2.939	4.240	5.211	4.298	3.314	3.157	4.642	5.947	3.544	3.781	3.236	3.939	2.890	4.441
347	MED/DENT TECHNOL	101	4.858	4.312	2.485	1.283	5.241	5.555	4.234	3.869	5.527	3.510	2.647	2.324	2.675	2.910	4.038
348	MED/DENT TECHNICIAN	134	7.737	5.684	2.768	1.094	3.828	4.364	2.480	3.248	4.330	3.227	1.799	1.768	1.648	2.805	3.020
741	SALESCLERK	34	11.955	8.866	7.468	4.896	4.496	5.936	4.044	5.529	7.219	6.603	4.253	4.122	3.966	5.134	4.333
711A	BANKING & FINANCE, I	30	10.175	7.445	6.020	5.523	3.192	4.429	3.004	5.943	7.445	5.440	4.475	4.553	4.272	4.665	4.507
711B	BANKING & FINANCE, II	4	17.077	15.928	17.397	15.403	14.743	11.821	11.077	12.632	13.297	13.136	14.202	13.056	13.631	14.772	16.484
751	BOOKKEEPER	131	9.121	6.094	5.792	4.785	2.409	2.235	1.130	3.740	4.910	4.185	3.127	3.020	2.944	3.660	3.104
755	MISC ACCT RECDG	64	9.099	5.916	4.772	3.822	3.402	3.599	2.116	3.101	4.855	4.382	3.249	2.592	2.558	2.968	3.239
756	KEYPUNCH OP	83	10.880	7.193	6.301	4.400	3.238	3.385	2.000	3.434	4.746	4.273	3.092	2.905	2.654	3.829	3.353
758	COMPUTER OP	65	9.972	6.739	5.717	3.740	3.192	4.022	2.184	3.053	4.719	4.329	2.422	2.320	2.106	3.340	3.113
761	SECRETARY (NEC)	997	9.215	6.450	5.030	3.573	1.958	3.398	2.159	3.255	4.140	3.550	2.150	1.934	1.912	2.324	2.767
764	LEGAL SECRETARY	61	9.375	6.636	4.742	4.265	2.594	3.725	3.491	3.404	3.946	3.732	2.371	2.296	2.281	2.697	3.686
765	STENO, COURT REPRTR	69	10.385	7.836	5.370	4.150	2.898	3.867	3.179	4.650	5.073	4.236	3.152	2.932	2.843	3.314	3.462
766	TYPIST, CLRK TYPST	103	9.855	7.749	5.926	4.234	3.316	3.940	2.287	3.249	4.998	4.336	2.948	3.099	2.887	3.795	3.658
769	CLERK (MISC)	137	10.023	6.922	6.129	4.427	2.578	3.356	1.976	3.739	5.020	4.424	2.970	2.871	2.716	3.400	2.964
789	OTHER "PUB CONT" OCCS	58	10.015	7.275	5.071	3.201	3.937	4.433	2.976	3.161	3.653	3.318	2.189	1.877	2.061	2.457	3.564
120	IND, BUS, COMM (NEC)	35	11.501	7.191	5.592	4.469	4.146	5.159	3.849	4.723	5.410	5.419	3.866	2.948	2.972	3.637	4.471
868	CLTHNG & FASH TRADES	50	10.089	7.915	6.638	5.094	4.220	5.884	3.336	3.160	4.356	5.743	3.233	3.348	2.989	4.189	3.683
893	HAIRDRESSER	196	11.699	8.090	6.423	3.936	3.952	5.120	2.933	3.859	4.693	5.205	2.932	3.055	2.781	4.146	2.952
894	PRACTICAL NURSE	118	9.496	7.303	3.797	2.056	4.698	6.130	3.712	4.590	5.704	5.130	2.569	2.748	2.802	3.975	3.776
899	GENERAL LABORER	76	11.569	8.817	6.914	5.093	4.317	5.963	3.903	4.651	6.743	6.758	4.167	3.932	3.790	4.744	4.245

TABLE 3.8 (continued)

#	GROUP	N	440	423	424	425	460	511	431	432	551	222	347	348	741	711	711
440	TEACHER-HANDICAPPED	60	—														
423	TEACHER-HS SOC ST	68	2.353	—													
424	TEACHER-ENGLISH	150	1.665	1.161	—												
425	TEACHER-FOR LANG	58	1.872	2.184	1.938	—											
460	COLL/UNIV TCHR (NEC)	90	1.780	1.922	1.532	1.689	—										
511	LIBRARIAN	54	2.840	2.787	2.153	2.249	2.481	—									
431	TEACHER-ART	51	5.020	5.747	5.672	4.574	4.817	6.655	—								
432	TEACHER-MUSIC	58	3.912	4.599	3.429	3.349	3.577	5.530	6.415	—							
551	MUSICIAN	11	9.117	8.812	7.274	8.156	7.884	8.016	9.512	6.844	—						
222	COMPUTER PROGRAMMER	45	4.695	4.919	4.798	4.081	3.379	4.157	9.348	6.963	9.982	—					
347	MED/DENT TECHNOL	101	2.639	4.414	3.876	3.425	2.102	3.486	7.615	5.863	11.821	3.484	—				
348	MED/DENT TECHNICIAN	134	1.706	3.930	3.506	3.856	2.348	3.942	6.507	5.221	10.550	4.235	1.437	—			
741	SALESCLERK	34	4.616	5.407	5.122	6.564	5.908	6.471	9.258	6.320	12.693	7.012	5.749	3.420	—		
711A	BANKING & FINANCE, I	30	4.670	6.797	6.046	6.831	5.954	6.349	9.186	8.655	11.552	5.270	5.655	3.451	4.159	—	
711B	BANKING & FINANCE, II	4	14.004	14.106	15.429	15.328	14.147	15.027	17.716	16.807	23.088	12.119	13.264	13.325	16.329	17.494	—
751	BOOKKEEPER	131	3.602	4.690	4.751	5.143	4.292	4.817	7.518	6.111	9.959	3.388	4.456	2.398	2.410	2.316	12.156
755	MISC ACCT RECDG	64	3.232	4.216	4.352	4.684	3.976	4.356	7.460	6.029	9.393	3.551	3.654	2.210	3.015	2.349	12.196
756	KEYPUNCH OP	83	3.240	4.822	4.407	5.334	4.858	5.155	7.438	6.370	10.148	5.196	4.678	2.054	1.745	2.810	13.263
758	COMPUTER OP	65	2.920	4.343	3.898	4.889	4.024	4.731	7.017	5.381	10.216	4.837	4.092	1.718	1.724	3.470	12.751
761	SECRETARY (NEC)	997	2.652	3.546	3.075	3.905	3.336	3.778	6.792	4.717	8.968	4.058	3.514	1.915	1.795	2.127	13.775
764	LEGAL SECRETARY	61	2.779	3.840	3.392	4.069	3.479	3.995	6.795	5.990	10.659	4.902	3.993	2.576	3.248	2.368	15.083
765	STENO, COURT REPRTR	69	3.511	4.499	4.001	5.395	4.107	5.104	7.740	6.127	10.887	5.194	4.237	2.344	2.298	2.406	15.168
766	TYPIST, CLRK TYPST	103	3.567	4.758	4.366	5.435	4.183	4.811	7.697	6.175	10.408	4.985	4.183	2.052	1.658	2.956	14.082
769	CLERK (MISC)	137	3.526	4.748	4.278	4.969	4.414	4.265	7.594	5.945	9.801	4.334	4.233	2.116	1.794	2.530	13.230
789	OTHER "PUB CONT" OCCS	58	2.655	3.019	3.041	3.832	3.347	3.970	7.064	5.109	8.836	4.620	3.344	1.827	2.446	3.739	13.266
120	IND, BUS, COMM (NEC)	35	3.575	5.233	4.697	5.579	4.856	6.199	8.112	5.836	11.301	5.677	5.053	2.934	2.364	4.240	13.526
868	CLTHNG & FASH TRADES	50	3.907	4.852	4.576	4.624	4.228	4.327	5.705	6.035	9.808	5.879	4.869	3.091	3.555	4.766	13.697
893	HAIRDRESSER	196	3.679	4.763	4.692	5.292	4.333	5.382	5.826	5.330	10.028	5.892	4.718	2.125	1.534	3.515	14.306
894	PRACTICAL NURSE	118	2.336	4.626	4.262	5.034	3.483	5.061	7.033	5.840	11.705	6.253	2.989	1.052	2.563	4.245	15.944
899	GENERAL LABORER	76	4.506	6.026	5.551	6.658	4.958	6.032	8.929	7.205	12.340	6.430	5.440	2.944	2.219	4.699	16.431

TABLE 3.8 (continued)

#	GROUP	N	751	755	756	758	761	764	765	766	769	789	120	868	893	894	899
751	BOOKKEEPER	131	—														
755	MISC ACCT RECDG	64	1.314	—													
756	KEYPUNCH OP	83	1.154	1.360	—												
758	COMPUTER OP	65	1.300	1.549	0.614	—											
761	SECRETARY (NEC)	997	1.089	1.117	0.912	0.909	—										
764	LEGAL SECRETARY	61	2.162	1.865	1.869	1.907	0.925	—									
765	STENO, COURT REPRTR	69	1.808	1.688	1.434	1.455	0.578	1.497	—								
766	TYPIST, CLRK TYPST	103	1.300	1.670	0.717	0.782	0.703	1.712	1.120	—							
769	CLERK (MISC)	137	0.711	1.442	0.595	0.825	0.590	1.848	1.186	0.684	—						
789	OTHER "PUB CONT" OCCS	58	2.021	1.604	1.366	1.184	0.973	1.891	1.539	1.486	1.407	—					
120	IND, BUS, COMM (NEC)	35	2.884	1.945	1.706	1.880	1.836	2.427	2.468	2.254	2.356	1.913	—				
868	CLTHNG & FASH TRADES	50	2.527	2.786	2.130	2.210	2.496	3.474	3.282	1.920	2.197	2.776	4.061	—			
893	HAIRDRESSER	196	1.605	2.062	1.235	1.016	1.470	2.492	1.991	1.163	1.205	1.449	2.283	1.838	—		
894	PRACTICAL NURSE	118	2.766	2.918	2.098	1.721	2.263	3.237	2.520	1.928	2.242	2.381	3.058	2.409	1.677	—	
899	GENERAL LABORER	76	2.224	3.061	1.996	1.512	2.032	3.198	2.477	1.414	1.753	2.308	2.451	2.562	1.795	2.092	

TABLE 4.1

POINT BISERIAL CORRELATIONS BETWEEN HIGH SCHOOL TEST SCORES AND MEMBERSHIP IN AN OCCUPATIONAL GROUP FIVE YEARS OUT OF HIGH SCHOOL.
DATA GIVEN FOR 109 COGNITIVE AND NON-COGNITIVE VARIABLES ON 11TH GRADE MALES

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INFORMATION TEST I									
			SCREENING	VOCABULARY I	LITERATURE	MUSIC	SOCIAL STUDIES	MATHEMATICS	PHYSICAL SCIENCES	BIOL SCIENCES	SCIENT ATTIT	AERO & SPACE
			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110
000	NO ANSWER	1766	-0.0626	-0.0484	-0.0719	-0.0646	-0.0819	-0.0833	-0.0695	-0.0472	-0.0736	-0.0473
001	DON'T KNOW	734	-0.0290	-0.0141	-0.0386	-0.0506	-0.0440	-0.0586	-0.0492	-0.0182	-0.0228	-0.0291
101	EXECUTIVE (NEC)	69	0.0129	0.0023	0.0104	0.0118	0.0141	0.0184	0.0076	-0.0090	0.0115	0.0136
102	FOREMAN (NEC)	103	-0.0011	-0.0144	-0.0438	-0.0333	-0.0434	-0.0566	-0.0375	-0.0426	-0.0154	-0.0353
111	WORK FOR GOVT (NEC)	49	-0.0025	-0.0237	-0.0095	-0.0037	-0.0040	-0.0285	-0.0178	-0.0149	-0.0132	-0.0056
112	IN BUS. FOR SELF (NEC)	255	-0.0169	-0.0051	-0.0356	-0.0335	-0.0313	-0.0427	-0.0455	-0.0237	-0.0117	-0.0180
120	IND., BUS., COMM. (NEC)	161	-0.0013	-0.0130	0.0016	-0.0101	-0.0137	-0.0150	-0.0201	-0.0147	-0.0030	-0.0076
121	RETAIL (NEC)	22	0.0063	0.0068	0.0107	0.0036	0.0104	-0.0073	-0.0050	0.0074	-0.0129	-0.0003
122	TRANSPORTATION (NEC)	15	-0.0102	0.0046	0.0033	0.0060	0.0082	-0.0001	0.0020	-0.0026	-0.0010	-0.0029
123	REAL ESTATE(NEC)	[illegible]	0.0041	-0.0108	0.0011	-0.0104	0.0071	-0.0035	-0.0117	-0.0058	-0.0076	-0.0230
124	INSURANCE (NEC)	24	-0.0030	0.0025	0.0027	-0.0096	-0.0074	-0.0106	-0.0059	-0.0032	0.0016	-0.0050
125	ELECTRONICS (NEC)	113	-0.0019	0.0141	-0.0254	-0.0043	-0.0195	-0.0120	0.0042	0.0051	-0.0120	0.0166
211	MATH., STAT.	42	0.0146	0.0184	0.0306	0.0119	0.0232	0.0551	0.0291	0.0133	0.0076	0.0229
212	OTHER STATISTICS	10	-0.0004	0.0112	0.0075	0.0074	0.0136	0.0276	0.0237	0.0183	0.0137	0.0105
221	SYSTEMS ANALYST	55	0.0164	0.0126	0.0330	0.0236	0.0398	0.0568	0.0426	0.0285	0.0300	0.0315
222	COMPUTER PROG.	173	0.0133	-0.0070	0.0041	0.0018	0.0065	0.0227	0.0119	-0.0084	0.0147	0.0119
229	COMPUTER SPEC. (NEC)	35	0.0091	-0.0055	0.0137	0.0089	0.0118	0.0299	0.0247	0.0138	0.0088	0.0108
230	PHYS. SCI. (NEC)	15	0.0046	0.0116	0.0369	0.0117	0.0200	0.0287	0.0310	0.0239	0.0162	0.0230
231	CHEMIST	93	0.0148	0.0258	0.0507	0.0396	0.0463	0.0787	0.0745	0.0602	0.0382	0.0559
232	PHYSICIST	53	0.0075	0.0341	0.0448	0.0357	0.0450	0.0772	0.0707	0.0452	0.0482	0.0651
234	GEOLOGIST	22	0.0080	0.0128	0.0277	0.0168	0.0313	0.0405	0.0422	0.0292	0.0320	0.0424
240	ENGINEER (NEC)	248	0.0311	0.0313	0.0739	0.0618	0.0800	0.1170	0.1078	0.0533	0.0528	0.0702
241	CIVIL ENGINEER	97	0.0132	0.0241	0.0374	0.0206	0.0373	0.0729	0.0591	0.0309	0.0234	0.0356
242	ELEC. ENGINEER	234	0.0256	0.0363	0.0470	0.0296	0.0551	0.1106	0.1078	0.0667	0.0498	0.0796
243	MECH. ENGINEER	139	0.0148	0.0281	0.0315	0.0236	0.0488	0.0886	0.0720	0.0419	0.0374	0.0386
244	AERONAUTICAL ENG.	[illegible]	0.0139	0.0175	0.0327	0.0188	0.0339	0.0484	0.0458	0.0360	0.0151	0.0533
245	CHEM. ENGINEER	48	0.0104	0.0195	0.0337	0.0187	0.0413	0.0589	0.0597	0.0359	0.0227	0.0368
250	ARCHITECT	64	0.0091	0.0225	0.0299	0.0344	0.0293	0.0462	0.0308	0.0298	0.0192	0.0313
299	PHYS. SCI., LAB TECH.	[illegible]	0.0098	-0.0089	-0.0090	-0.0019	-0.0049	-0.0182	-0.0170	0.0002	-0.0117	-0.0178
310	BIOLOGIST, ZOOLOGIST	48	0.0091	0.0192	0.0291	0.0146	0.0202	0.0246	0.0340	0.0332	0.0201	0.0244
313	SPEC. IN AGRIC. SCI.	33	-0.0019	-0.0002	-0.0018	-0.0062	0.0136	0.0062	0.0166	0.0206	0.0141	-0.0006
314	WLDLF/FOREST SPEC.	43	0.0033	0.0081	0.0134	-0.0024	0.0129	0.0249	0.0234	0.0379	0.0155	0.0135
316	MICROBIOLOGIST	9	0.0041	0.0049	0.0239	0.0189	0.0141	0.0240	0.0235	0.0195	0.0198	0.0195
317	BIOCHEMIST	10	0.0103	0.0060	0.0099	0.0235	0.0036	0.0209	0.0204	0.0207	0.0151	0.0116
322	MD-SURGEON	8	0.0062	0.0128	0.0121	0.0208	0.0166	0.0255	0.0204	0.0196	0.0074	0.0162
329	MD-OTHER	[illegible]	0.0290	0.0472	0.1058	0.0958	0.0885	0.1294	0.1025	0.0801	0.0522	0.0691
332	DENTIST	92	0.0224	0.0265	0.0520	0.0492	0.0422	0.0755	0.0513	0.0444	0.0220	0.0177
333	VETERINARIAN	30	0.0101	0.0065	0.0074	0.0050	0.0258	0.0297	0.0342	0.0289	0.0204	0.0176
335	PHARMACIST	49	0.0200	0.0136	0.0225	0.0234	0.0321	0.0503	0.0404	0.0236	0.0173	0.0232
336	OPTOMETRIST	14	0.0099	0.0108	0.0165	0.0137	0.0051	0.0209	0.0153	0.0198	-0.0034	0.0040
337	RN	8	0.0092	0.0103	0.0054	0.0028	0.0104	-0.0071	0.0029	0.0062	0.0025	0.0089
345	CHIROPRACTOR	9	0.0069	0.0025	-0.0046	-0.0075	-0.0151	-0.0006	-0.0103	-0.0058	0.0015	-0.0069
347	MED/DENT TECHNOL.	15	0.0061	0.0067	0.0001	-0.0056	0.0083	-0.0096	0.0047	-0.0045	-0.0122	0.0089
348	MED/DENT TECHNICIAN	31	-0.0167	-0.0232	-0.0228	-0.0087	-0.0287	-0.0231	-0.0276	-0.0111	-0.0248	-0.0033
350	HOSPITAL ADMIN.	13	-0.0046	0.0022	0.0141	0.0023	-0.0100	0.0079	-0.0014	0.0060	0.0035	-0.0023
360	PSYCHOLOGIST	44	0.0185	0.0227	0.0645	0.0512	0.0375	0.0506	0.0465	0.0285	0.0340	0.0269
370	SOCIAL WORKER	65	0.0053	0.0076	0.0188	0.0286	0.0226	0.0126	0.0043	0.0060	0.0153	-0.0042
372	COUNSELING/GUIDANCE	17	0.0049	0.0022	0.0189	0.0172	0.0108	-0.0007	0.0067	0.0039	0.0064	-0.0004
373	VOC/ED GUIDANCE	42	0.0042	-0.0015	0.0151	0.0098	0.0116	0.0140	0.0051	0.0004	0.0061	-0.0006
382	ECONOMIST	32	0.0124	0.0053	0.0289	0.0176	0.0289	0.0300	0.0212	0.0217	0.0107	0.0227
389	SOC. SCI. (MISC)	31	0.0105	0.0278	0.0240	0.0284	0.0233	0.0234	0.0174	0.0106	0.0105	0.0153
391	POLITICIAN	15	0.0025	0.0075	0.0133	0.0068	0.0134	0.0176	0.0041	0.0040	-0.0033	0.0014
392	DIPLOMAT	21	0.0112	0.0276	0.0326	0.0276	0.0346	0.0297	0.0341	0.0177	0.0133	0.0203
393	LAWYER	342	0.0368	0.0491	0.1286	0.1154	0.1081	0.1347	0.0872	0.0525	0.0849	0.0680
394	MARKET ANALYST	15	0.0082	-0.0079	0.0080	0.0105	0.0083	0.0161	0.0117	0.0014	0.0091	-0.0036
397	PUBLIC ADM (NEC)	15	0.0046	0.0140	0.0199	0.0202	0.0139	0.0120	0.0051	0.0012	0.0150	0.0100
398	CITY PLANNER (NEC)	21	0.0112	0.0168	0.0260	0.0152	0.0323	0.0254	0.0269	0.0177	0.0123	0.0233
400	TEACHER (NEC)	478	0.0299	0.0226	0.0433	0.0543	0.0504	0.0436	0.0326	0.0321	0.0414	0.0019
412	TEACHER-ELEM.	53	0.0109	-0.0047	0.0049	0.0159	0.0120	0.0020	0.0055	0.0046	0.0041	0.0015
420	TEACHER-HS (NEC)	98	0.0220	0.0064	0.0174	0.0266	0.0262	0.0263	0.0195	0.0127	0.0035	0.0056
421	TEACHER-HS MATH	65	0.0220	0.0097	0.0155	0.0030	0.0228	0.0423	0.0336	0.0135	0.0147	0.0061
422	TEACHER-HS SCIENCE	68	0.0033	0.0047	0.0207	0.0152	0.0238	0.0385	0.0473	0.0424	0.0146	0.0261
423	TEACHER-HS SOC. ST.	85	0.0154	0.0095	0.0303	0.0233	0.0404	0.0027	0.0122	0.0203	0.0089	0.0111
424	TEACHER-ENGLISH	39	0.0132	0.0090	0.0381	0.0397	0.0209	0.0186	0.0237	0.0107	0.0103	-0.0004
425	TEACHER-FOR. LANG.	14	0.0054	0.0089	0.0175	0.0167	0.0164	0.0159	-0.0024	0.0026	-0.0046	-0.0071
426	TEACHER-COMM. ED.	14	0.0076	0.0058	0.0018	0.0137	0.0182	-0.0038	-0.0035	0.0056	0.0088	-0.0071
428	TEACHER-TRADES	50	0.0099	-0.0112	-0.0222	-0.0112	-0.0031	-0.0013	-0.0017	0.0018	0.0008	0.0016
429	TEACHER-PHYS. ED.	57	0.0078	-0.0066	-0.0036	0.0017	-0.0035	-0.0131	-0.0200	-0.0165	-0.0040	-0.0193
431	TEACHER-ART	12	-0.0033	0.0140	0.0148	0.0250	0.0077	0.0042	-0.0009	0.0021	0.0084	-0.0060
432	TEACHER-MUSIC	30	0.0070	0.0185	0.0102	0.0510	0.0034	0.0108	0.0048	-0.0001	0.0128	-0.0038
440	TEACHER-HANDICAPPED	12	0.0015	0.0011	0.0159	0.0087	0.0128	0.0112	0.0033	0.0097	0.0084	0.0020
450	SCH. ADMIN. (EXC. COLL.)	45	0.0155	0.0081	0.0169	0.0177	0.0188	0.0126	0.0147	0.0069	0.0273	-0.0150
460	COLL/UNIV TCHR (NEC)	214	0.0299	0.0430	0.0852	0.0864	0.0821	0.0853	0.0733	0.0477	0.0587	0.0528
461	COLL/UNIV TCHR-MATH	30	0.0101	0.0249	0.0463	0.0438	0.0412	0.0640	0.0444	0.0296	0.0379	0.0359
462	COLL/UNIV TCHR-SCI	48	0.0116	0.0144	0.0455	0.0522	0.0458	0.0663	0.0627	0.0480	0.0392	0.0443
463	COLL/UNIV TCHR-SOC SCI	81	0.0171	0.0382	0.0765	0.0618	0.0687	0.0587	0.0481	0.0375	0.0433	0.0334
464	COLL/UNIV TCHR-ENGLISH	44	0.0152	0.0217	0.0539	0.0520	0.0329	0.0415	0.0348	0.0299	0.0342	0.0225
470	COLL/UNIV TCHR-ADM	13	0.0047	0.0094	0.0109	0.0203	0.0178	0.0225	0.0084	0.0113	0.0124	0.0035
511	LIBRARIAN	9	0.0041	0.0127	0.0182	0.0283	0.0141	0.0008	-0.0061	-0.0045	0.0015	-0.0058
521	CLERGYMAN	177	0.0154	0.0132	0.0523	0.0484	0.0326	0.0389	0.0207	-0.0048	0.0238	-0.0056
523	RELIGIOUS WORKER (OTHER)	23	0.0033	-0.0032	0.0048	0.0018	0.0018	0.0112	-0.0014	0.0008	-0.0017	-0.0034
531	WRITER (NEC)	21	0.0057	0.0092	0.0268	0.0233	0.0212	0.0087	0.0156	0.0069	0.0103	0.0143
534	JOURNALIST/REPORTER	43	0.0072	0.0023	0.0360	0.0253	0.0228	0.0097	0.0070	0.0061	-0.0020	0.0061
537	EDITOR	10	0.0049	0.0052	0.0171	0.0208	0.0158	0.0146	0.0185	0.0039	0.0122	0.0029
541	FINE ARTS	22	-0.0063	-0.0062	0.0131	0.0126	0.0018	-0.0076	0.0029	0.0042	0.0047	0.0159
545	COMM ARTIST	34	-0.0082	0.0129	0.0081	0.0046	-0.0113	-0.0145	-0.0131	0.0086	-0.0025	0.0065
547	DESIGNER (CONS GOODS)	14	0.0076	0.0039	0.0033	0.0061	-0.0005	0.0004	0.0120	0.0127	0.0027	0.0233
551	MUSICIAN	17	-0.0009	0.0078	0.0072	0.0383	-0.0039	0.0033	-0.0135	0.0056	-0.0016	-0.0056

TABLE 4.1 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INFORMATION TEST I									
			SCREENING	VOCABULARY I	LITERATURE	MUSIC	SOCIAL STUDIES	MATHEMATICS	PHYSICAL SCIENCES	BIOL SCIENCES	SCIENT ATTIT	AERO & SPACE
			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110
571	ACTOR	11	0.0057	0.0091	0.0219	0.0200	0.0121	0.0104	0.0046	0.0012	0.0192	0.0045
575	THEATRE (OTHER)	25	0.0112	0.0193	0.0291	0.0213	0.0087	-0.0056	0.0008	-0.0078	0.0084	-0.0044
578	RADIO/TV ANNOUN.	23	-0.0002	0.0056	0.0052	0.0237	0.0099	-0.0096	-0.0014	-0.0024	0.0021	0.0060
579	MISC PERF ARTS	10	0.0103	0.0126	-0.0003	0.0163	0.0069	0.0065	0.0080	0.0075	0.0238	0.0040
611	PRO ATHLETE	12	0.0015	-0.0091	-0.0060	-0.0019	-0.0116	-0.0044	-0.0111	-0.0012	-0.0075	-0.0140
612	PRO ATHLETICS (AUX)	13	0.0023	-0.0304	-0.0033	-0.0070	-0.0135	-0.0078	-0.0149	-0.0105	-0.0008	-0.0200
621	RECREATION DIR.	14	0.0031	-0.0256	-0.0013	0.0001	0.0032	-0.0061	-0.0134	-0.0045	-0.0058	-0.0135
623	FRSTRY, HUNT, TRAP	22	-0.0171	-0.0147	-0.0241	-0.0170	-0.0244	-0.0237	-0.0129	-0.0071	-0.0226	-0.0054
631	FARM/RANCH OWNER	123	-0.0134	-0.0217	-0.0702	-0.0616	-0.0494	-0.0583	-0.0401	-0.0196	-0.0378	-0.0410
632	FARM/RANCH MGR	8	0.0003	-0.0138	-0.0087	-0.0082	-0.0038	-0.0016	-0.0081	0.0022	-0.0088	-0.0081
639	FARMING (OTHER)	204	-0.0085	-0.0412	-0.0937	-0.0781	-0.0713	-0.0775	-0.0701	-0.0457	-0.0397	-0.0684
640	MILITARY (RANK NOT IND)	51	-0.0075	-0.0046	-0.0064	-0.0082	-0.0094	-0.0099	-0.0185	-0.0026	-0.0066	-0.0083
641	MILITARY-ENLISTED	27	-0.0237	0.0048	-0.0113	-0.0180	-0.0134	-0.0282	-0.0226	-0.0122	-0.0026	-0.0000
642	MILITARY-OFFICER	111	0.0271	0.0208	0.0559	0.0495	0.0573	0.0687	0.0598	0.0475	0.0298	0.0528
650	INTELLIGENCE-CIA, ETC.	15	-0.0070	-0.0066	-0.0019	-0.0005	0.0001	-0.0076	0.0010	-0.0143	-0.0063	0.0098
661	POLICE (PUBLIC)	138	-0.0016	-0.0096	-0.0176	-0.0225	-0.0174	-0.0615	-0.0369	-0.0274	-0.0172	-0.0180
666	FIREMAN	48	-0.0347	-0.0280	-0.0297	-0.0233	-0.0381	-0.0467	-0.0368	-0.0243	-0.0282	-0.0140
669	OTHER PROTECTIVE	19	-0.0071	-0.0149	-0.0126	-0.0089	-0.0191	-0.0290	-0.0264	-0.0176	-0.0237	-0.0058
711A	BANKING & FINANCE, I	55	0.0036	-0.0023	-0.0177	-0.0109	-0.0063	-0.0262	-0.0273	-0.0184	-0.0099	-0.0162
711B	BANKING & FINANCE, II	114	0.0095	0.0098	0.0256	0.0216	0.0335	0.0274	0.0245	0.0207	0.0218	0.0022
712	INVSTMNT,STOCK CONSULT	15	0.0126	0.0091	0.0192	0.0229	0.0173	0.0223	0.0117	0.0063	0.0091	0.0124
716	CPA	167	0.0206	0.0214	0.0269	0.0236	0.0315	0.0491	0.0229	0.0088	0.0193	0.0064
717	ACCTANT (EXC CPA)	329	0.0117	0.0068	-0.0128	-0.0252	0.0165	0.0066	-0.0146	-0.0272	-0.0073	-0.0306
721	PURCHASING AGENT	40	0.0099	-0.0033	0.0084	-0.0032	0.0078	-0.0099	-0.0056	-0.0107	0.0013	0.0047
722	RETAIL BUYER	10	0.0076	0.0022	0.0081	0.0118	0.0053	0.0007	-0.0044	-0.0033	0.0050	-0.0015
723	EFFICIENCY EXPERT	130	0.0164	0.0199	0.0300	0.0226	0.0308	0.0369	0.0324	0.0335	0.0201	0.0259
724	ADVERTISING	30	0.0101	0.0112	0.0317	0.0272	0.0155	0.0230	0.0184	0.0095	0.0120	0.0025
725	PUBLIC RELATIONS	44	0.0114	0.0058	0.0177	0.0277	0.0118	0.0171	0.0017	-0.0158	0.0101	-0.0129
726	PERSONNEL ADMIN	72	0.0196	0.0063	0.0166	0.0284	0.0185	0.0127	0.0148	-0.0011	0.0184	0.0073
727	APPRAISING/ESTIMATING	35	0.0050	0.0096	0.0062	0.0065	0.0075	-0.0060	0.0035	0.0006	0.0105	0.0072
728	LOAN/CREDIT INVESTIG	27	0.0055	0.0021	0.0045	-0.0038	0.0025	-0.0014	-0.0027	-0.0071	0.0106	-0.0107
730	BUS MGMT/ADMIN (NEC)	514	0.0216	0.0159	0.0332	0.0352	0.0379	0.0193	0.0068	0.0194	0.0291	0.0154
731	MFG MGMT	55	0.0116	0.0105	0.0175	0.0138	0.0204	0.0174	0.0239	0.0084	0.0120	0.0226
732	WHSL/RET TRADE MGMT/MKTG	204	0.0241	0.0155	0.0152	0.0126	0.0227	0.0175	-0.0021	-0.0030	0.0196	-0.0025
738	SUPERVISOR IN BUS	53	0.0051	-0.0124	-0.0260	-0.0242	-0.0209	-0.0334	-0.0218	-0.0100	-0.0160	-0.0170
741	SALESCLERK	27	-0.0123	-0.0205	-0.0201	-0.0075	-0.0252	-0.0358	-0.0357	-0.0143	-0.0114	-0.0193
743	STOCKBROKER	17	0.0073	-0.0025	0.0178	0.0156	0.0242	0.0143	0.0096	0.0037	0.0073	0.0128
745	REAL EST SLSMAN	24	-0.0133	0.0035	-0.0167	-0.0143	-0.0038	0.0004	-0.0055	0.0068	-0.0040	-0.0113
746	INSURANCE SLSMAN	59	-0.0014	-0.0138	-0.0148	-0.0040	-0.0122	-0.0163	-0.0186	-0.0109	-0.0112	-0.0146
747	AUTO SLSMAN	11	0.0006	0.0006	-0.0108	-0.0082	-0.0091	-0.0157	-0.0160	-0.0067	-0.0015	-0.0059
748	OTHER SLSMAN (NEC)	327	0.0047	-0.0084	-0.0263	-0.0047	-0.0255	-0.0277	-0.0376	-0.0251	0.0029	-0.0256
749	SALES MGR	63	0.0088	0.0034	0.0110	0.0225	0.0122	0.0021	-0.0030	-0.0038	0.0133	0.0034
751	BOOKKEEPER	12	0.0040	-0.0118	-0.0225	-0.0223	-0.0267	-0.0175	-0.0182	-0.0132	-0.0190	-0.0219
755	MISC ACCT RECDG	13	0.0094	-0.0095	-0.0138	-0.0119	-0.0173	-0.0185	-0.0249	-0.0192	-0.0104	-0.0061
758	COMPUTER OPERATOR	97	-0.0160	-0.0144	-0.0212	-0.0347	-0.0193	-0.0481	-0.0375	-0.0304	-0.0181	-0.0181
769	CLERK (MISC)	23	-0.0055	-0.0091	-0.0201	-0.0058	-0.0230	-0.0324	-0.0290	-0.0261	-0.0131	-0.0185
772	OFFICE MGR	21	0.0002	-0.0067	-0.0188	-0.0095	-0.0117	-0.0140	-0.0169	-0.0212	-0.0086	-0.0211
789	OTHER "PUB CONTACT" OCCS	10	-0.0004	0.0030	-0.0135	-0.0043	-0.0042	-0.0034	-0.0110	-0.0081	-0.0124	-0.0189
791	RADIO, TELEGR, TTY OP	16	-0.0165	-0.0101	-0.0081	-0.0039	-0.0085	-0.0175	-0.0062	-0.0045	-0.0216	0.0005
796	MAIL CARRIER	20	-0.0024	-0.0168	-0.0081	-0.0010	-0.0063	-0.0111	-0.0123	-0.0055	-0.0093	-0.0044
797	MISC CLERICAL	108	-0.0263	-0.0343	-0.0432	-0.0368	-0.0415	-0.0640	-0.0521	-0.0463	-0.0565	-0.0347
798	MISC ADMINISTRATIVE	59	0.0019	-0.0032	0.0082	0.0038	0.0029	-0.0088	-0.0064	0.0014	-0.0040	-0.0008
810	ELECTRICIAN	211	-0.0144	-0.0181	-0.0498	-0.0510	-0.0537	-0.0714	-0.0454	-0.0379	-0.0336	-0.0207
811	ELECTRONIC TECHNICIAN	259	-0.0035	0.0220	-0.0170	-0.0254	-0.0077	-0.0130	0.0204	0.0098	-0.0092	0.0233
812	APPLIANCE REPAIR	51	-0.0122	-0.0053	-0.0303	-0.0376	-0.0323	-0.0262	-0.0084	-0.0010	-0.0149	-0.0025
813	PHONE INSTALL & REPAIR	53	0.0167	0.0034	-0.0153	-0.0157	-0.0127	-0.0293	-0.0121	-0.0006	-0.0040	0.0082
814	REPAIR AND SERV COMP	40	0.0019	0.0049	-0.0136	-0.0032	-0.0131	-0.0047	-0.0017	-0.0072	-0.0125	0.0080
820	MECHANIC (NEC)	133	-0.0152	-0.0094	-0.0649	-0.0664	-0.0708	-0.0724	-0.0455	-0.0383	-0.0386	-0.0449
821	AUTO MECHANIC	112	-0.0262	-0.0234	-0.0654	-0.0580	-0.0647	-0.0626	-0.0448	-0.0429	-0.0343	-0.0195
822	AIRPLANE MECHANIC	101	-0.0160	-0.0054	-0.0399	-0.0366	-0.0376	-0.0629	-0.0359	-0.0164	-0.0265	-0.0196
823	OFFICE MACH REPAIR	14	0.0009	0.0146	-0.0023	-0.0129	0.0032	-0.0034	0.0120	0.0137	0.0015	0.0095
824	IND MACH REPAIR	28	-0.0178	0.0064	-0.0191	-0.0293	-0.0183	-0.0315	-0.0198	-0.0114	-0.0005	-0.0126
828	MACHINIST	276	-0.0325	-0.0130	-0.0669	-0.0606	-0.0646	-0.0721	-0.0511	-0.0310	-0.0306	-0.0259
831	CABINET MAKER	11	-0.0146	-0.0037	-0.0211	-0.0064	-0.0292	-0.0268	-0.0210	-0.0102	-0.0236	-0.0132
832	CARPENTER	63	-0.0199	-0.0342	-0.0527	-0.0489	-0.0662	-0.0556	-0.0567	-0.0248	-0.0335	-0.0432
833	METAL TRADES	119	-0.0319	-0.0638	-0.0725	-0.0634	-0.0840	-0.0828	-0.0697	-0.0542	-0.0695	-0.0571
834	BRKLYR, MASON, PTR, RFR	65	-0.0359	-0.0434	-0.0587	-0.0469	-0.0638	-0.0658	-0.0474	-0.0385	-0.0319	-0.0375
835	PLUMBER, PIPEFITTER	81	-0.0148	-0.0185	-0.0418	-0.0511	-0.0435	-0.0527	-0.0500	-0.0401	-0.0260	-0.0343
836	HEAVY EQUIP OP	42	-0.0089	-0.0229	-0.0319	-0.0379	-0.0329	-0.0453	-0.0332	-0.0271	-0.0299	-0.0251
837	MISC BLDG & CONST	43	-0.0301	-0.0249	-0.0269	-0.0300	-0.0316	-0.0302	-0.0366	-0.0049	-0.0306	-0.0202
838	MINING, QUARRYING, DRLNG	12	-0.0204	-0.0375	-0.0351	-0.0280	-0.0283	-0.0319	-0.0349	-0.0235	-0.0194	-0.0179
841	PILOT	164	0.0114	0.0151	0.0280	0.0250	0.0399	0.0395	0.0425	0.0421	0.0370	0.0623
843	AIRPLANE NAVIGATOR	10	0.0103	0.0045	0.0123	0.0199	0.0125	0.0182	0.0126	0.0159	0.0079	0.0160
848	AIR TRAFFIC CONTROLLER	10	-0.0004	-0.0059	-0.0069	-0.0043	-0.0080	-0.0074	-0.0084	-0.0081	-0.0066	-0.0015
851	MERCHANT MARINE OCC	14	0.0031	-0.0099	-0.0094	-0.0105	0.0126	-0.0057	-0.0035	-0.0065	0.0003	0.0067
852	RAILROAD OCCS	22	-0.0135	-0.0132	-0.0282	-0.0248	-0.0297	-0.0346	-0.0182	-0.0128	-0.0197	-0.0282
853	AUTO, BUS, TRUCK DRIVER	91	-0.0327	-0.0303	-0.0603	-0.0526	-0.0578	-0.0744	-0.0589	-0.0421	-0.0479	-0.0495
861	PRINTING TRADES	104	-0.0347	-0.0172	-0.0464	-0.0420	-0.0389	-0.0621	-0.0473	-0.0432	-0.0408	-0.0434
863	SURVEYOR	20	0.0013	-0.0089	-0.0038	-0.0060	0.0004	-0.0092	-0.0063	0.0005	-0.0114	0.0041
864	DRAFTSMAN	134	-0.0200	-0.0208	-0.0366	-0.0351	-0.0402	-0.0364	-0.0249	-0.0198	-0.0299	-0.0152
865	PHOTOGRAPHY	37	-0.0052	-0.0086	-0.0035	0.0173	-0.0026	-0.0055	0.0012	0.0010	-0.0027	-0.0162
866	INTERIOR DECORATOR	4	-0.0087	0.0037	-0.0054	-0.0062	-0.0156	-0.0086	0.0036	0.0008	-0.0056	0.0040
867	LANDSCAPE ARCH	9	0.0041	-0.0006	-0.0052	-0.0009	-0.0017	-0.0016	-0.0020	0.0094	0.0000	0.0023
881	FOOD & BEVERAGE PREP	20	-0.0326	-0.0498	-0.0353	-0.0314	-0.0349	-0.0353	-0.0354	-0.0241	-0.0288	-0.0229
885	BUTCHER, MEAT CUTTER	35	-0.0178	-0.0285	-0.0359	-0.0370	-0.0347	-0.0411	-0.0373	-0.0282	-0.0112	-0.0214
891	MISC PERSONAL SERV	8	-0.0176	-0.0171	-0.0195	-0.0162	-0.0324	-0.0167	-0.0124	-0.0139	-0.0120	-0.0094
892	BARBER	29	-0.0248	-0.0138	-0.0368	-0.0213	-0.0414	-0.0444	-0.0440	-0.0380	-0.0349	-0.0306
893	HAIRDRESSER	18	-0.0021	0.0080	-0.0016	0.0040	-0.0169	-0.0263	-0.0150	-0.0260	-0.0086	-0.0139
899	GENERAL LABORER	314	-0.0581	-0.0736	-0.1196	-0.1057	-0.1182	-0.1244	-0.1092	-0.0843	-0.0794	-0.0862

TABLE 4.1 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INFORMATION TEST I (CONTD.)					INFORMATION TEST II				
			ELECTRICITY, ELECTRONICS	MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE
			R-111	R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135
000	NO ANSWER	1766	-0.0417	-0.0610	-0.0545	-0.0330	-0.0820	-0.0564	-0.0592	-0.0522	-0.0508	-0.0506
001	DON'T KNOW	734	-0.0365	-0.0369	-0.0120	-0.0183	-0.0264	-0.0356	-0.0322	-0.0368	-0.0097	-0.0277
101	EXECUTIVE (NEC)	59	-0.0031	0.0014	-0.0076	0.0085	0.0210	0.0146	0.0102	0.0081	0.0002	0.0070
102	FOREMAN (NEC)	103	-0.0244	0.0118	0.0018	-0.0140	-0.0214	-0.0308	-0.0269	-0.0244	-0.0228	-0.0119
111	WORK FOR GOVT (NEC)	49	-0.0303	-0.0247	-0.0245	-0.0121	-0.0106	-0.0009	-0.0194	-0.0010	-0.0144	-0.0056
112	IN BUS. FOR SELF (NEC)	255	-0.0177	0.0076	-0.0184	-0.0160	-0.0209	-0.0312	-0.0299	-0.0226	-0.0139	-0.0253
120	IND., BUS., COMM. (NEC)	161	-0.0102	-0.0039	-0.0103	-0.0198	0.0035	-0.0162	-0.0095	-0.0083	-0.0195	-0.0096
121	RETAIL (NEC)	22	-0.0094	-0.0030	-0.0044	-0.0090	[illegible]	0.0008	0.0004	-0.0035	-0.0030	-0.0004
122	TRANSPORTATION (NEC)	16	0.0004	0.0050	-0.0027	0.0019	[illegible]	0.0052	0.0120	0.0061	0.0010	0.0038
123	REAL ESTATE(NEC)	9	-0.0167	-0.0074	-0.0074	0.0037	0.0006	0.0066	-0.0015	0.0020	-0.0007	0.0006
124	INSURANCE (NEC)	24	-0.0027	0.0018	0.0013	0.0139	-0.0048	-0.0011	0.0005	0.0037	-0.0106	-0.0065
125	ELECTRONICS (NEC)	113	0.0371	0.0099	0.0009	0.0003	-0.0206	-0.0075	-0.0105	-0.0054	-0.0004	-0.0123
211	MATH., STAT.	42	0.0016	-0.0067	-0.0094	0.0040	0.0220	0.0204	0.0205	0.0196	0.0014	0.0096
212	OTHER STATISTICS	13	0.0076	0.0096	0.0056	0.0062	0.0155	0.0021	0.0131	0.0088	0.0071	0.0236
221	SYSTEMS ANALYST	56	0.0333	0.0111	0.0182	0.0290	0.0323	0.0231	0.0305	0.0262	0.0117	0.0160
222	COMPUTER PROG.	173	0.0056	-0.0134	-0.0201	-0.0081	0.0175	0.0156	0.0021	0.0024	-0.0005	0.0029
229	COMPUTER SPEC. (NEC)	38	0.0260	0.0040	-0.0002	0.0142	0.0184	0.0148	0.0174	0.0140	0.0125	0.0169
230	PHYS. SCI. (NEC)	16	0.0279	0.0129	0.0086	0.0157	0.0076	0.0113	0.0156	0.0141	0.0210	0.0159
231	CHEMIST	93	0.0567	0.0238	0.0146	0.0189	0.0310	0.0338	0.0401	0.0438	0.0311	0.0270
232	PHYSICIST	53	0.0678	0.0381	0.0231	0.0174	0.0222	0.0383	0.0362	0.0351	0.0258	0.0355
234	GEOLOGIST	22	0.0441	0.0178	0.0158	0.0195	0.0120	0.0276	0.0311	0.0191	0.0233	0.0190
240	ENGINEER (NEC)	243	0.0903	0.0543	0.0185	0.0405	0.0580	0.0547	0.0616	0.0515	0.0525	0.0565
241	CIVIL ENGINEER	97	0.0393	0.0261	0.0136	0.0268	0.0252	0.0164	0.0286	0.0287	0.0214	0.0234
242	ELEC. ENGINEER	234	0.1300	0.0606	0.0221	0.0306	0.0202	0.0360	0.0357	0.0451	0.0446	0.0300
243	MECH. ENGINEER	139	0.0539	0.0593	0.0214	0.0293	0.0217	0.0383	0.0324	0.0364	0.0366	0.0311
244	AERONAUTICAL ENG.	40	0.0385	0.0288	0.0149	0.0198	0.0207	0.0157	0.0201	0.0300	0.0212	0.0223
245	CHEM. ENGINEER	44	0.0417	0.0281	0.0101	0.0310	0.0200	0.0221	0.0291	0.0338	0.0260	0.0302
250	ARCHITECT	54	0.0276	0.0146	0.0135	0.0111	0.0201	0.0401	0.0187	0.0243	0.0312	0.0364
299	PHYS. SCI., LAB TECH.	100	-0.0183	-0.0019	0.0004	-0.0176	0.0047	-0.0130	-0.0166	-0.0035	0.0008	-0.0127
310	BIOLOGIST, ZOOLOGIST	48	0.0236	0.0193	0.0155	0.0188	0.0098	0.0126	0.0146	0.0245	0.0165	0.0240
313	SPEC. IN AGRIC. SCI.	33	0.0048	0.0115	0.0435	0.0198	0.0106	-0.0023	-0.0061	0.0082	0.0096	0.0063
314	WLDLF/FOREST SPEC.	43	0.0049	0.0099	0.0240	0.0252	0.0109	0.0091	-0.0005	0.0086	0.0174	0.0077
316	MICROBIOLOGIST	9	0.0251	0.0120	0.0128	0.0114	0.0134	0.0194	0.0161	0.0220	0.0065	0.0207
317	BIOCHEMIST	10	0.0260	0.0121	0.0020	0.0227	0.0015	0.0109	0.0055	0.0161	0.0003	0.0082
322	MD-SURGEON	9	0.0214	0.0175	0.0101	0.0285	0.0132	0.0166	0.0263	0.0189	0.0084	0.0284
329	MD-OTHER	186	0.0515	0.0235	0.0299	0.0384	0.0728	0.0829	0.0664	0.0792	0.0260	0.0642
332	DENTIST	92	0.0210	0.0215	0.0069	0.0136	0.0454	0.0245	0.0365	0.0355	0.0234	0.0385
333	VETERINARIAN	30	0.0192	0.0219	0.0444	0.0150	0.0204	0.0048	0.0052	0.0195	0.0217	-0.0056
335	PHARMACIST	89	0.0191	0.0125	0.0084	0.0151	0.0299	0.0202	0.0230	0.0366	0.0174	0.0069
336	OPTOMETRIST	14	0.0071	-0.0015	-0.0021	0.0083	0.0074	0.0145	0.0037	0.0134	0.0073	0.0088
337	RN	8	0.0126	0.0026	0.0021	0.0070	-0.0213	0.0031	-0.0008	0.0124	-0.0018	0.0091
345	CHIROPRACTOR	9	-0.0065	-0.0021	0.0027	0.0075	-0.0043	-0.0027	-0.0158	0.0036	-0.0056	-0.0136
347	MED/DENT TECHNOL.	15	-0.0004	0.0114	0.0192	-0.0048	-0.0043	0.0061	-0.0007	0.0042	0.0116	-0.0118
348	MED/DENT TECHNICIAN	31	-0.0187	-0.0174	-0.0255	-0.0041	-0.0145	-0.0208	-0.0125	-0.0184	-0.0082	-0.0295
350	HOSPITAL ADMIN.	13	-0.0122	-0.0051	0.0004	0.0022	0.0069	0.0091	0.0084	0.0079	-0.0013	0.0108
360	PSYCHOLOGIST	94	0.0084	-0.0154	-0.0037	0.0140	0.0223	0.0535	0.0317	0.0334	0.0012	0.0181
370	SOCIAL WORKER	65	-0.0137	-0.0141	-0.0028	0.0009	0.0107	0.0161	0.0064	0.0021	-0.0030	0.0143
372	COUNSELING/GUIDANCE	10	0.0040	0.0012	0.0092	0.0090	0.0071	0.0098	0.0101	0.0103	0.0071	0.0121
373	VOC/ED GUIDANCE	42	-0.0035	-0.0038	0.0111	0.0242	0.0106	0.0032	0.0212	0.0075	0.0014	0.0180
382	ECONOMIST	32	0.01[illegible]	0.0075	-0.0072	0.0104	0.0014	0.0209	0.0204	0.0249	0.0066	0.0203
389	SOC. SCI. (MISC)	31	0.00[illegible]	0.0011	0.0148	0.0147	0.0189	0.0293	0.0108	0.0123	0.0153	0.0283
391	POLITICIAN	16	-0.0039	-0.0148	0.0039	-0.0061	0.0113	0.0017	0.0156	0.0107	0.0083	0.0174
392	DIPLOMAT	21	0.0171	0.0131	0.0016	0.0079	0.0194	0.0319	0.0197	0.0169	0.0121	0.0233
393	LAWYER	342	0.0323	0.0159	0.0112	0.0363	0.1137	0.1036	0.1079	0.0723	0.0443	0.0853
394	MARKET ANALYST	15	0.0016	0.0046	-0.0004	-0.0063	0.0033	0.0115	0.0117	0.0126	0.0134	0.0038
397	PUBLIC ADM (NEC)	16	0.0125	0.0149	0.0086	0.0077	0.0098	-0.0009	0.0108	0.0107	-0.0008	0.0068
398	CITY PLANNER (NEC)	21	0.0129	0.0131	0.0165	0.0047	0.0233	0.0227	0.0197	0.0229	0.0153	0.0326
400	TEACHER (NEC)	478	-0.0119	0.0042	0.0256	0.0193	0.0524	0.0286	0.0242	0.0163	0.0248	0.0399
412	TEACHER-ELEM.	53	-0.0055	-0.0015	0.0006	0.0011	-0.0070	0.0028	0.0085	0.0072	0.0008	0.0097
420	TEACHER-HS (NEC)	98	-0.0021	0.0000	0.0157	0.0199	0.0392	0.0079	0.0099	0.0233	0.0002	0.0227
421	TEACHER-HS MATH	65	0.0024	-0.0091	0.0033	0.0066	0.0232	0.0022	0.0183	0.0199	0.0106	0.0015
422	TEACHER-HS SCIENCE	58	0.0337	0.0134	0.0188	0.0266	0.0119	0.0248	0.0113	0.0139	0.0379	0.0118
423	TEACHER-HS SOC. ST.	45	-0.0134	-0.0126	0.0039	0.0025	0.0294	0.0238	0.0177	0.0169	0.0150	0.0182
424	TEACHER-ENGLISH	38	-0.0044	-0.0042	0.0016	0.0151	0.0103	0.0232	0.0159	0.0200	0.0172	0.0307
425	TEACHER-FOR. LANG.	14	-0.0141	-0.0191	-0.0142	-0.0049	-0.0060	0.0090	-0.0091	0.0134	0.0053	0.0007
426	TEACHER-COMM. ED.	14	-0.0089	-0.0057	0.0061	-0.0026	0.0130	0.0183	-0.0040	0.0072	0.0034	-0.0009
428	TEACHER-TRADES	59	0.0136	0.0211	0.0110	0.0176	0.0033	-0.0082	-0.0066	-0.0012	0.0201	-0.0047
429	TEACHER-PHYS. ED.	57	-0.0273	-0.0156	-0.0078	-0.0025	0.0367	-0.0001	-0.0100	0.0037	0.0004	-0.0066
431	TEACHER-ART	12	0.0070	0.0039	0.0020	0.0182	-0.0149	0.0193	-0.0003	0.0099	0.0145	0.0181
432	TEACHER-MUSIC	30	0.0062	-0.0080	0.0015	0.0145	-0.0099	0.0087	0.0008	0.0085	0.0018	0.0010
440	TEACHER-HANDICAPPED	12	-0.0013	-0.0006	-0.0111	0.0132	-0.0047	0.0093	0.0066	-0.0007	-0.0022	0.0164
450	SCH. ADMIN. (EXC. COLL.)	43	-0.0121	-0.0137	0.0043	0.0108	0.0150	0.0111	0.0053	0.0087	-0.0060	0.0031
460	COLL/UNIV TCHR (NEC)	214	0.0295	0.0099	0.0154	0.0339	0.0526	0.0714	0.0668	0.0655	0.0345	0.0624
461	COLL/UNIV TCHR-MATH	30	0.0404	0.0128	0.0035	-0.0004	0.0312	0.0341	0.0323	0.0329	0.0137	0.0265
462	COLL/UNIV TCHR-SCI	48	0.0484	0.0243	0.0304	0.0478	0.0320	0.0357	0.0353	0.0398	0.0291	0.0363
463	COLL/UNIV TCHR-SOC SCI	81	0.0081	-0.0042	0.0187	0.0149	0.0449	0.0524	0.0510	0.0416	0.0205	0.0516
464	COLL/UNIV TCHR-ENGLISH	44	0.0074	0.0065	0.0103	0.0087	0.0259	0.0416	0.0389	0.0194	0.0122	0.0241
470	COLL/UNIV TCHR-ADM	13	-0.0085	0.0022	0.0131	0.0078	0.0143	0.0101	0.0031	0.0155	-0.0033	-0.0044
511	LIBRARIAN	9	-0.0122	-0.0109	-0.0125	-0.0002	-0.0073	0.0124	0.0113	0.0005	0.0017	0.0066
521	CLERGYMAN	177	-0.0062	-0.0221	0.0175	0.0146	-0.0010	0.0311	0.0242	0.0190	-0.0040	0.0327
523	RELIGIOUS WORKER (OTHER)	23	-0.0066	-0.0146	0.0048	-0.0028	0.0037	-0.0041	-0.0050	0.0031	-0.0130	-0.0105
531	WRITER (NEC)	21	0.0087	0.0005	0.0033	0.0054	0.0065	0.0273	0.0134	0.0159	0.0026	0.0061
534	JOURNALIST/REPORTER	43	-0.0039	-0.0171	-0.0078	-0.0040	0.0159	0.0133	0.0155	0.0121	0.0041	0.0114
537	EDITOR	10	0.0009	-0.0004	0.0044	-0.0168	0.0117	0.0098	0.0267	0.0117	0.0071	0.0178
541	FINE ARTS	22	0.0029	0.0021	-0.0060	0.0059	-0.0176	0.0246	-0.0026	0.0054	0.0109	0.0151
545	COMM ARTIST	54	-0.0021	-0.0004	-0.0043	-0.0041	-0.0179	0.0295	-0.0095	0.0006	0.0022	0.0121
547	DESIGNER (CONS GOODS)	14	0.0107	0.0119	0.0050	0.0122	-0.0107	0.0080	-0.0052	0.0035	-0.0024	0.0023
551	MUSICIAN	17	-0.0087	-0.0068	-0.0159	0.0018	-0.0012	0.0052	-0.0121	-0.0012	0.0017	-0.0022

TABLE 4.1 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INFORMATION TEST I (CONTD.)					INFORMATION TEST II				
			ELECTRICITY, ELECTRONICS	MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE
			R-111	R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135
571	ACTOR	11	-0.0017	-0.0141	-0.0054	0.0129	-0.0031	0.0190	0.0017	0.0024	0.0033	0.0116
575	THEATRE (OTHER)	25	0.0034	-0.0152	0.0009	-0.0073	-0.0042	0.0262	0.0097	0.0042	0.0033	0.0034
578	RADIO/TV ANNOUN.	23	0.0116	-0.0003	-0.0070	-0.0028	0.0000	0.0147	0.0090	-0.0027	0.0052	0.0022
579	MISC PERF ARTS	10	0.0223	0.0154	0.0104	0.0209	0.0136	-0.0023	0.0055	0.0103	0.0140	0.0082
611	PRO ATHLETE	12	-0.0141	0.0017	-0.0089	-0.0070	0.0047	-0.0138	-0.0045	-0.0061	-0.0106	-0.0064
612	PRO ATHLETICS (AUX)	10	-0.0223	-0.0079	0.0008	-0.0177	0.0174	-0.0166	-0.0036	-0.0087	-0.0204	0.0044
621	RECREATION DIR.	14	-0.0264	-0.0191	-0.0031	-0.0065	0.0169	-0.0059	-0.0052	-0.0039	-0.0102	-0.0171
623	FRSTRY, HUNT, TRAP	22	-0.0073	-0.0081	0.0045	0.0015	-0.0245	-0.0066	-0.0149	-0.0084	-0.0077	-0.0237
631	FARM/RANCH OWNER	123	-0.0150	0.0247	0.0752	-0.0205	-0.0434	-0.0636	-0.0440	-0.0277	-0.0181	-0.0407
632	FARM/RANCH MGR	8	-0.0038	0.0101	0.0289	0.0101	0.0017	-0.0117	0.0059	0.0010	-0.0044	-0.0123
639	FARMING (OTHER)	204	-0.0452	-0.0076	0.0792	-0.0373	-0.0681	-0.0836	-0.0640	-0.0586	-0.0308	-0.0452
640	MILITARY (RANK NOT IND)	51	-0.0027	-0.0110	0.0006	-0.0095	-0.0013	-0.0173	-0.0042	-0.0201	-0.0072	-0.0148
641	MILITARY-ENLISTED	27	-0.0108	-0.0000	-0.0063	-0.0172	-0.0115	-0.0080	0.0002	-0.0124	-0.0125	-0.0014
642	MILITARY-OFFICER	111	0.0418	0.0418	0.0370	0.0305	0.0451	0.0328	0.0454	0.0220	0.0475	0.0308
650	INTELLIGENCE-CIA, ETC.	15	-0.0143	-0.0036	-0.0014	-0.0063	0.0087	0.0106	-0.0019	0.0007	-0.0110	0.0054
661	POLICE (PUBLIC)	188	-0.0322	-0.0179	-0.0195	-0.0181	-0.0221	-0.0081	-0.0087	-0.0202	-0.0271	-0.0112
666	FIREMAN	48	-0.0280	-0.0234	-0.0327	-0.0173	-0.0180	-0.0287	-0.0331	-0.0235	-0.0087	-0.0171
669	OTHER PROTECTIVE	19	-0.0122	-0.0326	-0.0245	-0.0157	-0.0114	0.0052	-0.0080	-0.0123	-0.0187	-0.0131
711A	BANKING & FINANCE, I	66	-0.0139	-0.0033	-0.0049	0.0005	-0.0016	-0.0093	0.0002	-0.0026	-0.0115	0.0082
711B	BANKING & FINANCE, II	114	-0.0020	0.0071	-0.0047	-0.0016	0.0359	0.0162	0.0393	0.0265	0.0074	-0.0014
712	INVSTMNT,STOCK CONSULT	15	0.0116	0.0005	0.0054	0.0102	0.0140	0.0160	0.0142	0.0161	0.0003	0.0117
716	CPA	167	-0.0018	-0.0017	-0.0118	0.0079	0.0363	0.0250	0.0265	0.0106	0.0049	0.0151
717	ACCTANT (EXC CPA)	329	-0.0281	-0.0362	-0.0340	-0.0070	0.0239	-0.0049	-0.0054	-0.0014	-0.0202	-0.0206
721	PURCHASING AGENT	40	-0.0067	-0.0017	-0.0025	0.0069	0.0179	0.0146	0.0027	0.0052	0.0051	0.0012
722	RETAIL BUYER	10	-0.0003	-0.0079	-0.0052	-0.0076	0.0080	0.0120	0.0025	0.0044	-0.0043	0.0025
723	EFFICIENCY EXPERT	130	0.0323	0.0280	0.0254	0.0163	0.0326	0.0200	0.0267	0.0233	0.0259	0.0181
724	ADVERTISING	30	-0.0076	-0.0162	-0.0145	-0.0025	0.0204	0.0347	0.0104	0.0136	0.0031	0.0198
725	PUBLIC RELATIONS	44	-0.0206	-0.0102	0.0086	-0.0018	0.0228	0.0148	0.0158	0.0027	0.0078	0.0095
726	PERSONNEL ADMIN	72	-0.0003	0.0013	0.0040	0.0131	0.0258	0.0158	0.0145	0.0161	0.0031	0.0066
727	APPRAISING/ESTIMATING	35	0.0001	0.0025	0.0051	-0.0019	0.0117	0.0074	0.0039	0.0005	0.0115	0.0042
728	LOAN/CREDIT INVESTIG	27	-0.0004	0.0005	-0.0129	0.0052	0.0062	0.0054	0.0104	-0.0062	0.0029	-0.0084
730	BUS MGMT/ADMIN (NEC)	514	-0.0016	0.0098	0.0160	0.0081	0.0491	0.0310	0.0224	0.0196	0.0174	0.0176
731	MFG MGMT	55	0.0236	0.0323	0.0038	0.0171	0.0130	0.0091	0.0239	0.0166	0.0104	0.0128
732	WHSL/RET TRADE MGMT/MKTG	204	-0.0055	0.0108	0.0006	0.0188	0.0263	0.0121	0.0095	0.0057	0.0071	0.0048
738	SUPERVISOR IN BUS	53	-0.0129	-0.0080	-0.0041	-0.0045	-0.0103	-0.0177	-0.0297	-0.0144	-0.0082	-0.0036
741	SALESCLERK	27	-0.0238	-0.0122	-0.0114	-0.0211	-0.0143	-0.0167	-0.0173	-0.0151	-0.0181	-0.0107
743	STOCKBROKER	17	-0.0101	0.0073	0.0117	-0.0010	0.0181	0.0120	0.0239	0.0156	0.0123	0.0213
745	REAL EST SLSMAN	24	-0.0113	-0.0117	-0.0103	-0.0128	-0.0091	-0.0004	-0.0053	0.0037	-0.0032	-0.0065
746	INSURANCE SLSMAN	69	-0.0291	-0.0196	-0.0090	-0.0227	0.0069	-0.0101	0.0075	0.0081	-0.0102	-0.0080
747	AUTO SLSMAN	11	-0.0069	0.0019	0.0003	-0.0195	-0.0067	-0.0041	-0.0055	-0.0101	-0.0032	-0.0012
748	OTHER SLSMAN (NEC)	327	-0.0164	0.0004	-0.0116	-0.0070	0.0078	-0.0050	-0.0039	0.0003	-0.0141	-0.0173
749	SALES MGR.	63	-0.0069	0.0071	0.0004	0.0086	0.0147	0.0118	0.0070	0.0124	0.0091	0.0114
751	BOOKKEEPER	12	-0.0175	-0.0143	0.0053	-0.0195	0.0013	-0.0289	-0.0238	-0.0167	-0.0295	-0.0064
755	MISC ACCT RECDG	13	-0.0133	-0.0154	-0.0143	-0.0107	-0.0218	-0.0083	-0.0035	-0.0139	-0.0013	-0.0094
758	COMPUTER OPERATOR	97	-0.0368	-0.0298	-0.0436	-0.0194	-0.0247	-0.0148	-0.0216	-0.0262	-0.0186	-0.0278
769	CLERK (MISC)	23	-0.0150	-0.0085	-0.0055	-0.0082	-0.0216	-0.0179	-0.0100	-0.0239	-0.0099	-0.0054
772	OFFICE MGR	21	-0.0191	-0.0116	-0.0091	0.0016	-0.0186	-0.0061	-0.0106	-0.0083	-0.0085	-0.0018
789	OTHER "PUB CONTACT" OCCS	10	-0.0149	-0.0063	-0.0040	-0.0030	-0.0051	-0.0177	-0.0005	-0.0087	-0.0089	-0.0147
791	RADIO, TELEGR, TTY OP	16	-0.0015	-0.0122	-0.0037	-0.0047	-0.0072	-0.0165	-0.0095	-0.0066	-0.0026	-0.0129
796	MAIL CARRIER	20	-0.0112	-0.0000	-0.0039	-0.0036	-0.0052	-0.0002	-0.0104	-0.0133	-0.0029	-0.0087
797	MISC CLERICAL	108	-0.0414	-0.0416	-0.0251	-0.0254	-0.0230	-0.0301	-0.0398	-0.0432	-0.0383	-0.0314
798	MISC ADMINISTRATIVE	59	-0.0046	-0.0014	-0.0121	0.0044	0.0063	0.0009	-0.0004	-0.0159	-0.0092	0.0196
810	ELECTRICIAN	211	-0.0053	-0.0022	-0.0184	-0.0341	-0.0465	-0.0382	-0.0444	-0.0443	-0.0178	-0.0452
811	ELECTRONIC TECHNICIAN	258	0.0618	0.0336	0.0114	-0.0005	-0.0338	-0.0266	-0.0085	-0.0077	0.0005	-0.0130
812	APPLIANCE REPAIR	51	0.0120	0.0134	-0.0021	-0.0132	-0.0245	-0.0261	-0.0169	-0.0149	-0.0123	-0.0174
813	PHONE INSTALL & REPAIR	53	0.0019	0.0011	0.0152	0.0007	-0.0196	-0.0101	-0.0020	-0.0017	0.0078	-0.0203
814	REPAIR AND SERV COMP	40	0.0220	0.0033	-0.0061	-0.0041	-0.0162	-0.0014	-0.0056	-0.0116	-0.0075	-0.0094
820	MECHANIC (NEC)	133	-0.0071	0.0163	-0.0024	-0.0132	-0.0686	-0.0558	-0.0529	-0.0351	-0.0129	-0.0390
821	AUTO MECHANIC	112	0.0009	0.0185	-0.0116	-0.0272	-0.0599	-0.0551	-0.0398	-0.0451	-0.0138	-0.0423
822	AIRPLANE MECHANIC	101	-0.0087	0.0102	-0.0024	-0.0010	-0.0520	-0.0215	-0.0296	-0.0184	-0.0062	-0.0253
823	OFFICE MACH REPAIR	14	0.0215	0.0274	0.0172	0.0129	-0.0068	-0.0069	0.0076	-0.0014	0.0112	-0.0025
824	IND MACH REPAIR	28	-0.0115	0.0059	-0.0015	-0.0218	-0.0130	-0.0143	-0.0165	-0.0090	-0.0117	-0.0116
828	MACHINIST	276	-0.0083	0.0284	0.0031	-0.0086	-0.0488	-0.0438	-0.0431	-0.0308	-0.0104	-0.0359
831	CABINET MAKER	11	-0.0197	-0.0156	-0.0146	-0.0055	-0.0147	-0.0104	-0.0141	-0.0240	-0.0076	-0.0140
832	CARPENTER	63	-0.0251	-0.0125	-0.0010	-0.0101	-0.0476	-0.0378	-0.0407	-0.0400	-0.0203	-0.0261
833	METAL TRADES	119	-0.0380	-0.0073	-0.0116	-0.0358	-0.0623	-0.0585	-0.0462	-0.0468	-0.0268	-0.0336
834	BRKLYR, MASON, PTR, RFR	66	-0.0199	-0.0078	-0.0231	-0.0242	-0.0462	-0.0526	-0.0400	-0.0572	-0.0348	-0.0366
835	PLUMBER, PIPEFITTER	81	-0.0286	-0.0057	-0.0257	-0.0107	-0.0374	-0.0282	-0.0204	-0.0426	-0.0394	-0.0267
836	HEAVY EQUIP OP	42	-0.0205	0.0015	0.0076	-0.0296	-0.0519	-0.0350	-0.0231	-0.0274	-0.0121	-0.0306
837	MISC BLDG & CONST	43	-0.0160	-0.0018	-0.0084	-0.0085	-0.0302	-0.0186	-0.0305	-0.0167	-0.0081	-0.0145
838	MINING, QUARRYING, DRLNG	12	-0.0236	-0.0174	-0.0078	-0.0162	-0.0260	-0.0449	-0.0238	-0.0274	-0.0148	-0.0168
841	PILOT	164	0.0475	0.0433	0.0168	0.0171	0.0183	0.0308	0.0329	0.0280	0.0299	0.0281
843	AIRPLANE NAVIGATOR	10	0.0070	0.0146	0.0200	0.0080	0.0127	0.0109	0.0101	0.0103	0.0232	0.0178
848	AIR TRAFFIC CONTROLLER	10	-0.0131	0.0012	0.0032	-0.0048	-0.0004	0.0087	0.0010	0.0001	0.0094	0.0025
851	MERCHANT MARINE OCC	14	-0.0037	-0.0043	-0.0031	0.0028	0.0066	0.0062	0.0024	0.0047	-0.0005	0.0007
852	RAILROAD OCCS	22	-0.0189	-0.0019	-0.0093	-0.0065	-0.0132	-0.0214	-0.0210	-0.0113	-0.0092	-0.0250
853	AUTO, BUS, TRUCK DRIVER	91	-0.0365	-0.0094	-0.0084	-0.0254	-0.0487	-0.0504	-0.0446	-0.0480	-0.0303	-0.0396
861	PRINTING TRADES	104	-0.0329	-0.0241	-0.0286	-0.0290	-0.0275	-0.0412	-0.0458	-0.0339	-0.0238	-0.0333
863	SURVEYOR	20	-0.0077	-0.0018	0.0046	-0.0055	-0.0006	-0.0088	-0.0083	-0.0102	0.0020	-0.0127
864	DRAFTSMAN	134	0.0002	-0.0079	-0.0348	-0.0089	-0.0302	-0.0256	-0.0334	-0.0283	-0.0100	-0.0278
865	PHOTOGRAPHY	37	0.0128	-0.0150	-0.0124	-0.0057	-0.0047	0.0086	0.0086	0.0038	-0.0021	0.0041
866	INTERIOR DECORATOR	8	0.0044	0.0073	-0.0100	0.0008	-0.0150	-0.0031	-0.0008	-0.0136	0.0059	-0.0145
867	LANDSCAPE ARCH	9	0.0026	0.0032	0.0014	-0.0022	0.0154	0.0066	-0.0078	-0.0010	0.0041	0.0046
881	FOOD & BEVERAGE PREP	20	-0.0324	-0.0266	-0.0268	-0.0218	-0.0283	-0.0422	-0.0318	-0.0267	-0.0175	-0.0222
885	BUTCHER, MEAT CUTTER	35	-0.0338	-0.0193	-0.0071	-0.0132	-0.0307	-0.0362	-0.0318	-0.0284	-0.0253	-0.0266
891	MISC PERSONAL SERV	8	-0.0086	-0.0235	-0.0140	-0.0095	-0.0286	-0.0154	-0.0093	-0.0316	-0.0198	-0.0188
892	BARBER	29	-0.0344	-0.0277	-0.0222	-0.0231	-0.0270	-0.0372	-0.0272	-0.0254	-0.0352	-0.0260
893	HAIRDRESSER	18	-0.0155	-0.0185	-0.0114	0.0168	-0.0235	0.0061	-0.0043	0.0051	-0.0147	-0.0006
899	GENERAL LABORER	314	-0.0790	-0.0574	-0.0238	-0.0613	-0.0813	-0.0992	-0.0813	-0.0894	-0.0505	-0.0779

TABLE 4.1 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INFORMATION TEST II (CONTD.)									
			JOURNALISM	FOREIGN TRAVEL	MILITARY	ACCTG, BUS, SALES	PRACT KNOWL	CLERICAL	BIBLE	COLORS	ETIQUETTE	HUNTING
			R-136	R-137	R-138	R-139	R-140	R-141	R-142	R-143	R-144	R-145
000	NO ANSWER	1766	-0.0542	-0.0545	-0.0418	-0.0638	-0.0489	-0.0288	-0.0592	-0.0212	-0.0482	-0.0132
001	DON'T KNOW	734	-0.0368	-0.0311	-0.0185	-0.0416	-0.0267	-0.0108	-0.0383	-0.0096	-0.0231	0.0074
101	EXECUTIVE (NEC)	59	0.0127	0.0148	0.0093	0.0153	0.0138	0.0051	0.0034	-0.0048	0.0153	-0.0144
102	FOREMAN (NEC)	103	-0.0322	-0.0333	-0.0231	-0.0234	-0.0064	-0.0109	-0.0382	-0.0049	-0.0115	0.0174
111	WORK FOR GOVT (NEC)	49	-0.0129	-0.0072	0.0056	-0.0122	-0.0122	-0.0053	0.0047	0.0086	-0.0075	-0.0081
112	IN BUS. FOR SELF (NEC)	255	-0.0252	-0.0203	-0.0313	-0.0159	-0.0130	-0.0287	-0.0407	-0.0213	-0.0188	-0.0044
120	IND., BUS., COMM. (NEC)	161	0.0084	-0.0028	0.0022	0.0011	-0.0046	-0.0033	-0.0009	-0.0133	-0.0028	-0.0065
121	RETAIL (NEC)	22	0.0011	0.0004	-0.0092	0.0054	0.0015	0.0052	0.0151	-0.0004	0.0007	0.0083
122	TRANSPORTATION (NEC)	16	0.0106	0.0126	0.0112	0.0076	0.0017	-0.0048	0.0000	0.0005	0.0006	0.0047
123	REAL ESTATE(NEC)	9	-0.0096	0.0028	-0.0027	-0.0069	-0.0000	0.0086	-0.0032	-0.0097	0.0045	-0.0019
124	INSURANCE (NEC)	24	-0.0009	-0.0024	-0.0109	0.0148	0.0021	0.0033	0.0041	-0.0032	-0.0091	-0.0036
125	ELECTRONICS (NEC)	113	-0.0147	-0.0164	-0.0175	-0.0165	0.0100	-0.0228	-0.0260	0.0012	-0.0109	0.0023
211	MATH., STAT.	42	0.0114	0.0088	0.0153	0.0115	0.0111	0.0104	0.0268	-0.0013	0.0103	-0.0196
212	OTHER STATISTICS	10	0.0137	0.0210	0.0100	0.0154	0.0119	0.0084	0.0189	0.0048	0.0005	-0.0066
221	SYSTEMS ANALYST	56	0.0288	0.0249	0.0236	0.0332	0.0183	0.0222	0.0218	-0.0003	0.0189	-0.0087
222	COMPUTER PROG.	173	0.0072	0.0068	0.0003	-0.0075	0.0050	-0.0102	-0.0023	0.0066	0.0131	-0.0232
229	COMPUTER SPEC. (NEC)	38	0.0062	0.0233	0.0049	0.0041	0.0055	0.0025	0.0091	0.0031	0.0029	-0.0055
230	PHYS. SCI. (NEC)	16	0.0128	0.0207	0.0168	0.0153	-0.0111	0.0076	0.0173	0.0075	0.0066	0.0096
231	CHEMIST	93	0.0348	0.0309	0.0238	0.0399	0.0299	0.0167	0.0366	0.0273	0.0165	0.0069
232	PHYSICIST	53	0.0297	0.0258	0.0319	0.0332	0.0089	0.0212	0.0372	0.0109	0.0160	0.0090
234	GEOLOGIST	22	0.0165	0.0226	0.0124	0.0111	0.0190	0.0116	0.0062	0.0116	0.0161	0.0125
240	ENGINEER (NEC)	243	0.0596	0.0407	0.0526	0.0489	0.0429	0.0340	0.0436	0.0200	0.0379	0.0153
241	CIVIL ENGINEER	97	0.0221	0.0248	0.0177	0.0073	0.0205	0.0166	0.0259	0.0049	0.0199	0.0172
242	ELEC. ENGINEER	236	0.0317	0.0222	0.0290	0.0247	0.0257	0.0141	0.0415	0.0079	0.0349	0.0091
243	MECH. ENGINEER	139	0.0286	0.0262	0.0228	0.0283	0.0294	0.0146	0.0354	0.0248	0.0223	0.0081
244	AERONAUTICAL ENG.	43	0.0231	0.0174	0.0209	0.0281	0.0238	0.0214	0.0164	0.0127	0.0143	0.0043
245	CHEM. ENGINEER	48	0.0274	0.0256	0.0065	0.0368	0.0178	0.0089	0.0414	0.0225	0.0098	0.0044
250	ARCHITECT	64	0.0199	0.0204	0.0175	0.0131	0.0176	-0.0034	0.0108	0.0408	0.0223	-0.0110
299	PHYS. SCI., LAB TECH.	100	-0.0073	-0.0089	-0.0123	-0.0094	-0.0055	0.0116	0.0088	-0.0137	-0.0130	0.0098
310	BIOLOGIST, ZOOLOGIST	48	0.0157	0.0237	-0.0009	0.0056	0.0059	0.0089	0.0107	0.0090	0.0045	0.0147
313	SPEC. IN AGRIC. SCI.	33	0.0037	0.0050	0.0039	0.0105	0.0069	0.0142	0.0095	-0.0013	0.0072	0.0380
314	WLDLF/FOREST SPEC.	43	0.0002	0.0037	0.0074	0.0032	0.0167	0.0149	0.0088	-0.0031	0.0028	0.0461
316	MICROBIOLOGIST	9	0.0175	0.0136	0.0141	0.0195	0.0068	0.0119	-0.0048	0.0090	0.0005	0.0024
317	BIOCHEMIST	10	0.0080	0.0128	-0.0007	0.0140	0.0119	-0.0073	0.0080	0.0078	0.0043	-0.0004
322	MD-SURGEON	8	0.0091	0.0169	0.0208	0.0225	0.0085	0.0054	0.0148	0.0103	-0.0038	0.0126
329	MD-OTHER	186	0.0674	0.0630	0.0611	0.0814	0.0522	0.0449	0.0792	0.0407	0.0616	-0.0359
332	DENTIST	92	0.0332	0.0373	0.0245	0.0287	0.0229	0.0167	0.0234	0.0198	0.0153	-0.0085
333	VETERINARIAN	30	0.0023	0.0032	0.0081	0.0123	0.0037	0.0163	0.0094	0.0067	0.0074	0.0339
335	PHARMACIST	49	0.0242	0.0125	0.0051	0.0313	0.0156	0.0231	0.0155	0.0208	0.0117	-0.0087
336	OPTOMETRIST	14	0.0066	0.0033	-0.0002	0.0039	0.0091	0.0078	0.0012	0.0017	0.0070	-0.0043
337	RN	4	0.0059	0.0009	-0.0050	-0.0071	0.0121	0.0019	0.0096	-0.0029	0.0132	-0.0105
345	CHIROPRACTOR	9	-0.0066	-0.0102	-0.0027	-0.0064	-0.0068	-0.0178	-0.0073	0.0152	-0.0036	-0.0041
347	MED/DENT TECHNOL.	15	0.0133	0.0014	0.0057	0.0035	0.0079	0.0077	0.0025	0.0035	0.0006	0.0138
348	MED/DENT TECHNICIAN	31	-0.0107	-0.0191	-0.0173	-0.0245	-0.0283	-0.0177	-0.0098	-0.0106	-0.0230	-0.0046
350	HOSPITAL ADMIN.	13	0.0043	0.0072	0.0153	0.0043	0.0161	-0.0004	0.0100	-0.0054	0.0072	0.0069
360	PSYCHOLOGIST	94	0.0356	0.0361	0.0096	0.0219	0.0156	0.0126	0.0319	0.0278	0.0251	-0.0116
370	SOCIAL WORKER	65	0.0277	0.0137	0.0140	0.0167	0.0081	0.0029	0.0218	0.0031	-0.0003	-0.0210
372	COUNSELING/GUIDANCE	10	0.0194	0.0066	0.0029	0.0057	0.0054	0.0052	0.0103	-0.0070	0.0005	0.0099
373	VOC/ED GUIDANCE	42	0.0072	0.0078	0.0144	0.0095	0.0079	0.0273	0.0298	-0.0013	0.0121	-0.0247
382	ECONOMIST	32	0.0245	0.0201	0.0149	0.0319	0.0151	0.0073	0.0157	0.0107	0.0158	-0.0095
389	SOC. SCI. (MISC)	31	0.0185	0.0322	0.0221	0.0238	0.0104	0.0144	0.0190	0.0163	0.0095	-0.0046
391	POLITICIAN	16	0.0106	0.0223	-0.0000	0.0109	0.0145	0.0002	0.0160	0.0052	0.0066	-0.0100
392	DIPLOMAT	21	0.0189	0.0190	0.0347	0.0259	0.0157	0.0203	0.0370	0.0266	0.0165	-0.0082
393	LAWYER	342	0.0988	0.1003	0.0971	0.1110	0.0583	0.0411	0.0887	0.0410	0.0490	-0.0273
394	MARKET ANALYST	15	0.0086	0.0131	0.0013	0.0127	0.0079	0.0102	-0.0064	0.0059	-0.0025	-0.0115
397	PUBLIC ADM (NEC)	16	0.0060	0.0159	0.0140	0.0165	0.0043	-0.0073	0.0062	-0.0065	0.0006	-0.0133
398	CITY PLANNER (NEC)	21	0.0226	0.0317	0.0188	0.0125	0.0112	0.0095	0.0230	0.0123	0.0112	-0.0025
400	TEACHER (NEC)	473	0.0417	0.0366	0.0213	0.0250	0.0337	0.0161	0.0338	-0.0086	0.0168	-0.0131
412	TEACHER-ELEM.	53	-0.0001	0.0133	-0.0037	0.0023	0.0103	0.0035	0.0131	-0.0058	0.0077	0.0081
420	TEACHER-HS (NEC)	94	0.0211	0.0148	0.0040	0.0188	0.0211	0.0076	0.0206	-0.0077	0.0247	-0.0049
421	TEACHER-HS MATH	65	0.0120	0.0105	0.0112	-0.0057	0.0081	0.0054	0.0178	0.0066	0.0057	-0.0047
422	TEACHER-HS SCIENCE	69	0.0149	0.0187	0.0090	0.0064	0.0054	0.0115	0.0089	-0.0035	0.0027	0.0033
423	TEACHER-HS SOC. ST.	85	0.0071	0.0286	0.0240	0.0099	0.0052	-0.0079	0.0249	0.0060	-0.0012	-0.0065
424	TEACHER-ENGLISH	39	0.0238	0.0243	0.0103	0.0213	0.0205	0.0089	0.0296	-0.0030	-0.0010	-0.0055
425	TEACHER-FOR. LANG.	14	0.0138	0.0172	0.0043	-0.0091	0.0009	0.0104	0.0091	-0.0008	0.0006	-0.0200
426	TEACHER-COMM. ED.	14	0.0066	0.0137	0.0043	0.0121	0.0064	0.0104	0.0137	0.0092	0.0006	-0.0043
428	TEACHER-TRADES	50	-0.0013	-0.0146	-0.0015	-0.0035	-0.0053	-0.0051	-0.0083	-0.0182	0.0028	0.0120
429	TEACHER-PHYS. ED.	57	-0.0026	0.0031	-0.0093	-0.0111	-0.0041	0.0037	-0.0137	-0.0068	-0.0036	0.0058
431	TEACHER-ART	12	-0.0032	0.0170	-0.0037	-0.0017	0.0030	0.0109	0.0018	0.0274	0.0075	-0.0016
432	TEACHER-MUSIC	30	0.0089	0.0127	-0.0073	-0.0087	0.0131	0.0199	0.0094	0.0050	-0.0036	-0.0162
440	TEACHER-HANDICAPPED	12	0.0098	0.0058	-0.0037	0.0111	0.0118	0.0109	0.0139	-0.0049	0.0040	-0.0072
450	SCH. ADMIN. (EXC. COLL.)	45	0.0122	0.0121	0.0132	-0.0083	0.0015	0.0118	0.0201	0.0047	0.0028	-0.0121
460	COLL/UNIV TCHR (NEC)	214	0.0644	0.0668	0.0515	0.0676	0.0365	0.0357	0.0740	0.0215	0.0271	-0.0169
461	COLL/UNIV TCHR-MATH	30	0.0237	0.0316	0.0183	0.0219	0.0165	0.0109	0.0382	0.0186	0.0118	0.0064
462	COLL/UNIV TCHR-SCI	48	0.0327	0.0378	0.0235	0.0374	0.0222	0.0246	0.0392	0.0279	0.0167	-0.0070
463	COLL/UNIV TCHR-SOC SCI	41	0.0496	0.0613	0.0519	0.0405	0.0286	0.0303	0.0624	0.0290	0.0202	-0.0123
464	COLL/UNIV TCHR-ENGLISH	44	0.0328	0.0359	0.0226	0.0296	0.0144	0.0223	0.0434	0.0333	0.0046	-0.0030
470	COLL/UNIV TCHR-ADM	13	0.0119	0.0090	-0.0003	0.0055	0.0076	0.0106	0.0148	0.0050	0.0139	-0.0112
511	LIBRARIAN	9	0.0145	0.0180	0.0123	0.0077	0.0034	0.0152	0.0116	0.0121	0.0085	-0.0193
521	CLERGYMAN	177	0.0228	0.0296	0.0106	0.0233	0.0233	0.0171	0.1138	0.0242	0.0148	-0.0344
523	RELIGIOUS WORKER (OTHER)	23	-0.0084	-0.0105	-0.0101	-0.0133	-0.0057	-0.0071	0.0246	0.0031	0.0058	-0.0019
531	WRITER (NEC)	21	0.0208	0.0175	0.0089	0.0057	0.0202	0.0074	0.0224	0.0144	0.0086	0.0061
534	JOURNALIST/REPORTER	43	0.0319	0.0274	0.0220	0.0227	0.0104	-0.0017	0.0133	0.0041	0.0120	-0.0277
537	EDITOR	10	0.0194	0.0107	0.0242	0.0168	0.0151	0.0178	0.0096	-0.0011	0.0043	-0.0004
541	FINE ARTS	22	0.0030	0.0060	-0.0116	-0.0087	0.0058	-0.0053	0.0083	0.0235	0.0007	0.0069
545	COMM ARTIST	54	-0.0075	0.0114	-0.0066	-0.0098	0.0014	-0.0113	-0.0061	0.0258	0.0011	-0.0029
547	DESIGNER (CONS GOODS)	14	0.0041	0.0068	-0.0032	-0.0008	0.0037	0.0025	0.0031	-0.0008	0.0006	0.0131
551	MUSICIAN	17	-0.0073	0.0137	-0.0081	0.0008	0.0058	0.0099	-0.0059	0.0204	-0.0023	-0.0229

TABLE 4.1 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INFORMATION TEST II (CONTD.)									
			JOURNALISM	FOREIGN TRAVEL	MILITARY	ACCTG, BUS, SALES	PRACT KNOWL	CLERICAL	BIBLE	COLORS	ETIQUETTE	HUNTING
			R-136	R-137	R-138	R-139	R-140	R-141	R-142	R-143	R-144	R-145
571	ACTOR	11	0.0184	0.0101	-0.0175	0.0092	0.0072	-0.0097	0.0107	0.0068	0.0150	-0.0168
575	THEATRE (OTHER)	25	0.0135	0.0144	0.0197	0.0045	0.0137	0.0112	0.0090	0.0151	-0.0016	-0.0235
578	RADIO/TV ANNOUN.	23	0.0142	0.0071	0.0052	0.0015	0.0050	0.0032	-0.0139	-0.0086	0.0032	-0.0168
579	MISC PERF ARTS	10	0.0194	0.0005	0.0011	0.0238	0.0184	0.0178	0.0080	0.0108	0.0081	-0.0025
611	PRO ATHLETE	12	-0.0006	-0.0148	-0.0037	-0.0157	0.0030	-0.0149	-0.0032	0.0032	-0.0134	0.0003
612	PRO ATHLETICS (AUX)	10	-0.0034	-0.0096	0.0082	-0.0124	-0.0011	0.0115	-0.0045	-0.0040	-0.0071	-0.0004
621	RECREATION DIR.	14	-0.0079	-0.0053	-0.0032	-0.0008	-0.0183	0.0104	-0.0001	0.0117	-0.0123	-0.0200
623	FRSTRY, HUNT, TRAP	22	-0.0143	-0.0134	-0.0223	-0.0115	-0.0117	-0.0032	-0.0264	-0.0183	-0.0044	0.0250
631	FARM/RANCH OWNER	125	-0.0478	-0.0584	-0.0485	-0.0270	-0.0362	-0.0007	-0.0284	-0.0431	-0.0157	0.0494
632	FARM/RANCH MGR	8	0.0059	-0.0037	-0.0090	0.0007	-0.0024	0.0054	0.0000	0.0103	0.0132	0.0126
639	FARMING (OTHER)	204	-0.0751	-0.0822	-0.0631	-0.0631	-0.0716	-0.0184	-0.0447	-0.0323	-0.0071	0.0454
640	MILITARY (RANK NOT IND)	51	-0.0089	-0.0118	0.0025	-0.0091	-0.0288	0.0020	-0.0116	-0.0066	-0.0057	0.0024
641	MILITARY-ENLISTED	27	-0.0270	-0.0138	-0.0069	-0.0095	-0.0158	0.0054	0.0031	0.0065	-0.0085	0.0055
642	MILITARY-OFFICER	111	0.0221	0.0417	0.0507	0.0284	0.0234	0.0240	0.0428	0.0132	0.0142	0.0276
650	INTELLIGENCE-CIA, ETC.	15	0.0040	-0.0153	0.0115	0.0001	0.0026	-0.0077	0.0089	-0.0061	-0.0087	0.0054
661	POLICE (PUBLIC)	138	-0.0204	-0.0007	0.0122	-0.0088	-0.0073	-0.0228	-0.0212	-0.0133	-0.0111	0.0133
666	FIREMAN	48	-0.0208	-0.0194	-0.0260	-0.0282	-0.0297	-0.0169	-0.0249	0.0050	-0.0233	-0.0004
669	OTHER PROTECTIVE	19	-0.0070	-0.0111	0.0144	-0.0077	-0.0173	-0.0198	-0.0077	-0.0010	0.0007	0.0089
711A	BANKING & FINANCE, I	66	-0.0126	-0.0025	-0.0131	0.0034	-0.0069	-0.0031	-0.0090	0.0039	0.0057	-0.0114
711B	BANKING & FINANCE, II	114	0.0277	0.0258	0.0269	0.0315	0.0135	0.0043	0.0251	0.0133	0.0322	-0.0052
712	INVSTMNT,STOCK CONSULT	15	0.0156	0.0282	0.0158	0.0229	0.0079	0.0026	0.0063	-0.0037	0.0068	-0.0081
716	CPA	157	0.0398	0.0157	0.0128	0.0432	0.0290	0.0140	0.0179	-0.0054	-0.0018	-0.0343
717	ACCTANT (EXC CPA)	329	-0.0038	-0.0030	0.0014	0.0262	0.0116	0.0028	0.0012	-0.0008	0.0041	-0.0183
721	PURCHASING AGENT	40	0.0117	-0.0042	-0.0005	0.0065	0.0059	0.0042	0.0028	0.0171	-0.0086	-0.0081
722	RETAIL BUYER	13	0.0051	0.0005	0.0029	0.0196	0.0022	-0.0010	-0.0091	0.0019	0.0081	-0.0149
723	EFFICIENCY EXPERT	130	0.0337	0.0274	0.0233	0.0140	0.0268	0.0146	0.0294	0.0151	0.0113	0.0083
724	ADVERTISING	30	0.0188	0.0245	0.0142	0.0187	0.0150	-0.0018	0.0139	0.0118	0.0162	-0.0150
725	PUBLIC RELATIONS	44	0.0151	0.0192	0.0040	0.0103	0.0175	0.0179	0.0043	0.0107	0.0101	-0.0188
726	PERSONNEL ADMIN	72	0.0166	0.0088	0.0282	0.0141	0.0206	0.0185	0.0181	-0.0011	0.0056	-0.0078
727	APPRAISING/ESTIMATING	35	0.0142	0.0047	0.0087	0.0092	0.0075	-0.0011	0.0039	-0.0036	-0.0072	-0.0024
728	LOAN/CREDIT INVESTIG	27	0.0164	0.0074	0.0126	0.0032	0.0039	-0.0061	0.0078	-0.0043	0.0101	-0.0121
730	BUS MGMT/ADMIN (NEC)	514	0.0337	0.0319	0.0385	0.0337	0.0279	0.0100	0.0163	0.0037	0.0176	-0.0034
731	MFG MGMT	55	0.0145	0.0086	0.0102	0.0187	0.0217	-0.0098	0.0090	-0.0063	0.0060	0.0189
732	WHSL/RET TRADE MGMT/MKTG	204	0.0279	0.0079	0.0164	0.0217	0.0224	0.0165	0.0054	0.0025	0.0124	-0.0011
738	SUPERVISOR IN BUS	53	-0.0175	-0.0260	-0.0267	-0.0177	-0.0235	-0.0074	-0.0255	-0.0006	0.0044	0.0126
741	SALESCLERK	27	-0.0357	-0.0226	-0.0079	-0.0120	-0.0138	-0.0023	-0.0093	-0.0025	-0.0108	-0.0134
743	STOCKBROKER	17	0.0190	0.0105	0.0164	0.0104	0.0008	0.0075	0.0204	0.0068	0.0065	0.0009
745	REAL EST SLSMAN	24	-0.0212	-0.0024	-0.0052	-0.0006	-0.0021	-0.0109	0.0025	-0.0070	0.0032	-0.0116
746	INSURANCE SLSMAN	59	-0.0004	-0.0026	0.0049	-0.0028	0.0124	-0.0100	-0.0051	0.0155	0.0042	-0.0032
747	AUTO SLSMAN	11	-0.0169	-0.0173	-0.0107	-0.0081	-0.0052	-0.0068	-0.0064	-0.0017	-0.0104	-0.0010
748	OTHER SLSMAN (NEC)	327	0.0103	-0.0113	-0.0003	0.0082	0.0092	-0.0078	-0.0195	-0.0084	0.0014	0.0056
749	SALES MGR	63	0.0134	0.0124	0.0070	0.0122	0.0142	0.0053	-0.0019	0.0143	0.0073	-0.0100
751	BOOKKEEPER	12	-0.0111	-0.0280	-0.0183	-0.0182	-0.0089	0.0052	-0.0224	-0.0022	-0.0064	0.0003
755	MISC ACCT RECDG	13	-0.0132	-0.0090	-0.0159	-0.0055	-0.0237	-0.0031	0.0011	0.0050	-0.0095	-0.0003
758	COMPUTER OPERATOR	97	-0.0275	-0.0215	-0.0046	-0.0245	0.0007	-0.0035	-0.0280	-0.0170	-0.0108	-0.0273
769	CLERK (MISC)	23	-0.0178	-0.0105	-0.0171	-0.0179	-0.0036	0.0011	-0.0134	-0.0047	-0.0018	-0.0114
772	OFFICE MGR	21	-0.0107	-0.0104	-0.0131	0.0115	-0.0090	0.0009	-0.0169	-0.0060	-0.0046	-0.0110
789	OTHER "PUB CONTACT" OCCS	10	-0.0120	-0.0159	-0.0025	-0.0041	0.0022	0.0021	-0.0052	-0.0040	-0.0109	0.0016
791	RADIO, TELEGR, TTY OP	16	-0.0165	-0.0085	-0.0085	-0.0221	-0.0111	-0.0122	-0.0105	0.0052	-0.0084	-0.0018
796	MAIL CARRIER	20	-0.0069	-0.0008	-0.0073	-0.0186	-0.0107	0.0096	-0.0146	-0.0036	-0.0101	-0.0050
797	MISC CLERICAL	138	-0.0298	-0.0290	-0.0138	-0.0390	-0.0297	-0.0218	-0.0284	-0.0266	-0.0344	-0.0269
798	MISC ADMINISTRATIVE	59	-0.0026	0.0089	0.0144	-0.0054	-0.0009	0.0012	-0.0092	-0.0084	-0.0161	-0.0059
810	ELECTRICIAN	211	-0.0408	-0.0410	-0.0475	-0.0423	-0.0209	-0.0246	-0.0452	-0.0186	-0.0186	0.0111
811	ELECTRONIC TECHNICIAN	258	-0.0143	-0.0175	0.0007	-0.0159	-0.0174	-0.0141	-0.0168	-0.0058	-0.0225	0.0231
812	APPLIANCE REPAIR	51	-0.0165	-0.0254	-0.0164	-0.0240	-0.0158	-0.0105	-0.0202	-0.0144	-0.0158	0.0070
813	PHONE INSTALL & REPAIR	53	-0.0150	-0.0170	-0.0044	-0.0092	-0.0038	0.0008	-0.0072	-0.0135	0.0028	0.0135
814	REPAIR AND SERV COMP	40	-0.0026	-0.0062	-0.0014	0.0016	-0.0070	-0.0130	-0.0078	-0.0080	0.0086	0.0043
820	MECHANIC (NEC)	133	-0.0524	-0.0533	-0.0518	-0.0463	-0.0361	-0.0285	-0.0427	-0.0198	-0.0328	0.0218
821	AUTO MECHANIC	112	-0.0627	-0.0490	-0.0560	-0.0378	-0.0198	-0.0258	-0.0497	-0.0190	-0.0303	0.0131
822	AIRPLANE MECHANIC	101	-0.0262	-0.0251	-0.0252	-0.0275	-0.0294	-0.0240	-0.0249	-0.0054	-0.0249	0.0200
823	OFFICE MACH REPAIR	14	-0.0103	0.0051	0.0043	-0.0008	0.0091	0.0078	-0.0034	-0.0182	-0.0026	0.0166
824	IND MACH REPAIR	28	-0.0180	-0.0211	-0.0099	-0.0203	-0.0065	-0.0002	-0.0254	-0.0028	-0.0174	0.0062
828	MACHINIST	276	-0.0524	-0.0316	-0.0519	-0.0458	-0.0218	-0.0364	-0.0593	-0.0035	-0.0150	0.0379
831	CABINET MAKER	11	-0.0142	-0.0114	-0.0175	-0.0068	-0.0144	-0.0157	-0.0168	0.0040	-0.0176	-0.0030
832	CARPENTER	63	-0.0436	-0.0466	-0.0561	-0.0368	-0.0285	-0.0147	-0.0426	-0.0222	-0.0140	0.0229
833	METAL TRADES	119	-0.0527	-0.0556	-0.0515	-0.0527	-0.0469	-0.0374	-0.0587	-0.0258	-0.0338	0.0156
834	BRKLYR, MASON, PTR, RFR	66	-0.0460	-0.0537	-0.0443	-0.0487	-0.0443	-0.0288	-0.0388	-0.0099	-0.0255	-0.0009
835	PLUMBER, PIPEFITTER	81	-0.0288	-0.0298	-0.0269	-0.0283	-0.0194	-0.0227	-0.0353	-0.0168	-0.0201	0.0190
836	HEAVY EQUIP OP	42	-0.0430	-0.0223	-0.0229	-0.0212	-0.0238	-0.0141	-0.0212	0.0059	-0.0046	0.0248
837	MISC BLDG & CONST	43	-0.0425	-0.0300	-0.0235	-0.0210	-0.0162	-0.0198	-0.0337	0.0012	-0.0082	0.0022
838	MINING, QUARRYING, DRLNG	12	-0.0241	-0.0148	-0.0312	-0.0207	-0.0178	-0.0091	-0.0203	-0.0211	-0.0134	0.0078
841	PILOT	164	0.0246	0.0353	0.0441	0.0189	0.0196	0.0264	0.0189	0.0061	0.0124	0.0310
843	AIRPLANE NAVIGATOR	10	0.0137	0.0066	0.0064	0.0127	0.0119	0.0272	0.0119	0.0019	0.0119	0.0120
848	AIR TRAFFIC CONTROLLER	10	-0.0034	0.0025	0.0029	-0.0041	0.0119	0.0021	0.0033	-0.0011	-0.0033	-0.0045
851	MERCHANT MARINE OCC	14	-0.0055	0.0058	0.0118	-0.0020	0.0037	0.0025	-0.0041	-0.0082	0.0006	0.0026
852	RAILROAD OCCS	22	-0.0220	-0.0273	-0.0188	-0.0171	-0.0073	0.0095	-0.0280	-0.0203	-0.0147	0.0097
853	AUTO, BUS, TRUCK DRIVER	91	-0.0492	-0.0512	-0.0327	-0.0433	-0.0575	-0.0290	-0.0525	-0.0113	-0.0112	0.0116
861	PRINTING TRADES	104	-0.0347	-0.0319	-0.0302	-0.0308	-0.0279	-0.0263	-0.0344	-0.0244	-0.0044	-0.0130
863	SURVEYOR	20	-0.0109	0.0021	-0.0160	-0.0048	-0.0130	-0.0103	-0.0096	-0.0078	-0.0020	-0.0006
864	DRAFTSMAN	134	-0.0256	-0.0216	-0.0126	-0.0408	-0.0077	-0.0155	-0.0381	-0.0005	0.0007	-0.0096
865	PHOTOGRAPHY	37	0.0078	0.0002	0.0123	0.0064	0.0011	-0.0057	-0.0058	-0.0011	-0.0090	-0.0235
866	INTERIOR DECORATOR	8	-0.0037	-0.0060	-0.0109	-0.0055	0.0012	-0.0051	0.0052	0.0037	-0.0081	0.0102
867	LANDSCAPE ARCH	9	-0.0096	0.0007	-0.0102	0.0033	-0.0034	-0.0079	-0.0007	0.0027	0.0085	0.0090
881	FOOD & BEVERAGE PREP	20	-0.0372	-0.0298	-0.0336	-0.0334	-0.0360	-0.0214	-0.0267	-0.0140	-0.0101	-0.0181
885	BUTCHER, MEAT CUTTER	35	-0.0316	-0.0348	-0.0312	-0.0251	-0.0203	-0.0095	-0.0253	-0.0178	-0.0134	0.0042
891	MISC PERSONAL SERV	8	-0.0197	-0.0244	-0.0149	-0.0102	-0.0169	-0.0121	-0.0183	-0.0095	-0.0123	-0.0198
892	BARBER	29	-0.0379	-0.0328	-0.0201	-0.0340	-0.0184	-0.0203	-0.0359	-0.0171	-0.0305	-0.0016
893	HAIRDRESSER	18	0.0035	-0.0144	-0.0038	0.0141	-0.0073	0.0145	-0.0062	0.0171	-0.0107	-0.0150
899	GENERAL LABORER	314	-0.0903	-0.0870	-0.0790	-0.0883	-0.0917	-0.0457	-0.0817	-0.0416	-0.0481	0.0192

TABLE 4.1 (continued)

	GROUP	N	POINT BISERIAL CORRELATIONS INFORMATION TEST II (CONTD.) FISHING R-146	OUTDR ACT (OTH) R-147	PHOTOGRAPHY R-148	GAMES (SEDENT) R-149	THEATRE/BALLET R-150	FOODS R-151	MISCELLANEOUS R-152	VOCABULARY II R-162	MEM FOR SENT R-211	MEM FOR WORDS R-212
000	NO ANSWER	1766	-0.0138	-0.0624	-0.0361	-0.0416	-0.0596	-0.0420	-0.0590	-0.0747	-0.0295	-0.0456
001	DON'T KNOW	734	-0.0131	-0.0334	-0.0336	-0.0173	-0.0353	-0.0250	-0.0507	-0.0442	-0.0159	-0.0275
101	EXECUTIVE (NEC)	[illegible]	0.0103	0.0086	0.0146	0.0154	0.0117	0.0024	0.0181	0.0115	0.0016	0.0066
102	FOREMAN (NEC)	[illegible]	-0.0021	-0.0275	-0.0139	-0.0307	-0.0131	-0.0118	-0.0301	-0.0304	-0.0027	-0.0293
111	WORK FOR GOVT (NEC)	[illegible]	-0.0049	-0.0138	-0.0031	0.0016	-0.0264	-0.0127	-0.0187	-0.0097	-0.0024	-0.0112
112	IN BUS. FOR SELF (NEC)	255	-0.0056	-0.0133	-0.0154	-0.0234	-0.0291	-0.0087	-0.0288	-0.0327	-0.0223	-0.0278
120	IND., BUS., COMM. (NEC)	151	-0.0040	-0.0002	-0.0036	-0.0054	0.0050	0.0086	-0.0182	-0.0149	-0.0163	-0.0062
121	RETAIL (NEC)	22	0.0022	0.0018	-0.0020	0.0005	-0.0037	-0.0012	0.0046	-0.0013	-0.0087	0.0052
122	TRANSPORTATION (NEC)	15	0.0051	0.0046	-0.0092	0.0002	0.0004	-0.0032	0.0105	0.0038	0.0031	0.0059
123	REAL ESTATE(NEC)	9	-0.0113	-0.0010	-0.0001	0.0057	-0.0005	0.0049	0.0103	-0.0050	0.0105	0.0027
124	INSURANCE (NEC)	24	-0.0029	0.0007	0.0031	-0.0177	0.0005	0.0107	-0.0021	0.0097	-0.0066	0.0058
125	ELECTRONICS (NEC)	113	0.0123	-0.0009	0.0068	-0.0106	-0.0197	-0.0154	-0.0149	-0.0022	0.0060	-0.0223
211	MATH., STAT.	42	-0.0127	0.0093	0.0095	0.0287	0.0162	0.0004	0.0189	0.0160	-0.0122	0.0302
212	OTHER STATISTICS	[illegible]	0.0076	0.0059	0.0094	0.0206	0.0044	0.0113	0.0182	0.0159	0.0064	0.0164
221	SYSTEMS ANALYST	96	0.0010	0.0182	0.0094	0.0309	0.0317	0.0153	0.0307	0.0331	0.0099	0.0189
222	COMPUTER PROG.	175	-0.0359	-0.0069	0.0043	0.0141	0.0132	-0.0016	0.0137	0.0114	0.0189	0.0025
229	COMPUTER SPEC. (NEC)	34	0.0195	0.0137	0.0153	0.0196	0.0076	0.0048	0.0218	0.0122	0.0095	0.0175
230	PHYS. SCI. (NEC)	15	0.0399	0.0082	0.0025	0.0266	0.0100	0.0088	0.0199	0.0172	0.0143	0.0114
231	CHEMIST	[illegible]	0.0146	0.0291	0.0344	0.0297	0.0322	0.0227	0.0464	0.0346	0.0097	0.0403
232	PHYSICIST	52	0.0154	0.0343	0.0248	0.0443	0.0202	0.0092	0.0433	0.0349	0.0229	0.0376
234	GEOLOGIST	[illegible]	0.0335	0.0274	0.0225	0.0165	0.0177	0.0269	0.0278	0.0286	0.0057	0.0116
240	ENGINEER (NEC)	[illegible]	0.0137	0.0600	0.0423	0.0586	0.0498	0.0240	0.0572	0.0652	0.0192	0.0621
241	CIVIL ENGINEER	97	-0.0012	0.0354	0.0331	0.0272	0.0120	0.0073	0.0278	0.0322	0.0335	0.0283
242	ELEC. ENGINEER	[illegible]	0.0111	0.0417	0.0461	0.0546	0.0183	0.0042	0.0580	0.0485	0.0153	0.0439
243	MECH. ENGINEER	135	0.0247	0.0441	0.0310	0.0356	0.0173	0.0016	0.0321	0.0502	0.0221	0.0289
244	AERONAUTICAL ENG.	[illegible]	0.0192	0.0399	0.0646	0.0120	0.0166	0.0025	0.0229	0.0276	0.0004	0.0247
245	CHEM. ENGINEER	[illegible]	-0.0032	0.0204	0.0332	0.0420	0.0161	0.0014	0.0264	0.0269	0.0199	0.0385
250	ARCHITECT	64	0.0022	0.0188	0.0212	0.0233	0.0279	0.0285	0.0157	0.0319	0.0149	0.0311
299	PHYS. SCI., LAB TECH.	[illegible]	0.0009	-0.0214	-0.0125	-0.0064	-0.0092	-0.0216	0.0004	-0.0016	-0.0075	-0.0069
310	BIOLOGIST, ZOOLOGIST	45	0.0310	0.0197	0.0227	0.0074	0.0174	0.0186	0.0168	0.0161	0.0175	0.0298
313	SPEC. IN AGRIC. SCI.	33	0.0239	0.0151	-0.0015	-0.0030	0.0001	-0.0077	-0.0104	0.0092	0.0077	0.0118
314	WLDLF/FOREST SPEC.	43	0.0476	0.0264	0.0032	-0.0100	-0.0012	-0.0146	0.0018	0.0117	0.0206	0.0138
316	MICROBIOLOGIST	[illegible]	0.0099	0.0006	0.0078	0.0161	0.0187	0.0182	0.0213	0.0224	-0.0138	0.0007
317	BIOCHEMIST	10	0.0076	0.0074	0.0131	0.0182	0.0125	0.0113	0.0107	0.0180	0.0135	0.0105
322	MD-SURGEON	8	0.0059	0.0151	0.0267	0.0188	0.0139	0.0034	0.0149	0.0173	0.0061	0.0023
329	MD-OTHER	186	-0.0019	0.0552	0.0537	0.0738	0.0756	0.0798	0.0767	0.0792	0.0297	0.0748
332	DENTIST	42	0.0052	0.0351	0.0296	0.0319	0.0372	0.0298	0.0350	0.0363	0.0127	0.0284
333	VETERINARIAN	30	0.0156	0.0084	-0.0051	-0.0057	-0.0092	-0.0153	0.0091	0.0199	0.0116	0.0179
335	PHARMACIST	40	0.0052	0.0221	0.0203	0.0055	0.0165	0.0075	0.0361	0.0236	0.0108	0.0244
336	OPTOMETRIST	14	0.0137	0.0152	0.0055	0.0084	0.0107	0.0215	-0.0017	0.0019	-0.0095	0.0033
337	RN	[illegible]	0.0015	0.0100	0.0018	-0.0160	0.0105	0.0034	0.0032	0.0056	-0.0058	-0.0108
345	CHIROPRACTOR	9	-0.0007	-0.0010	0.0038	0.0020	-0.0005	-0.0031	-0.0007	-0.0023	0.0152	0.0162
347	MED/DENT TECHNOL.	15	-0.0146	0.0116	-0.0021	0.0032	-0.0052	-0.0108	0.0028	0.0034	0.0032	0.0073
348	MED/DENT TECHNICIAN	31	-0.0180	-0.0172	-0.0144	-0.0090	-0.0181	-0.0084	-0.0084	-0.0260	-0.0163	-0.0188
350	HOSPITAL ADMIN.	13	-0.0107	0.0031	-0.0059	0.0042	0.0023	0.0098	0.0053	0.0071	0.0189	0.0103
360	PSYCHOLOGIST	44	-0.0099	0.0183	0.0316	0.0342	0.0508	0.0346	0.0332	0.0380	0.0117	0.0296
370	SOCIAL WORKER	65	-0.0134	0.0076	-0.0000	0.0094	0.0148	0.0012	0.0106	0.0206	-0.0023	0.0111
372	COUNSELING/GUIDANCE	[illegible]	0.0215	0.0104	0.0020	0.0026	0.0171	0.0013	0.0152	0.0102	-0.0131	-0.0007
373	VOC/ED GUIDANCE	[illegible]	-0.0233	0.0063	-0.0104	0.0059	0.0207	0.0065	0.0145	0.0065	0.0030	0.0043
382	ECONOMIST	[illegible]	-0.0030	0.0150	0.0098	0.0152	0.0184	0.0251	0.0315	0.0229	-0.0086	0.0185
389	SOC. SCI. (MISC)	31	-0.0008	0.0096	0.0193	0.0074	0.0131	0.0288	0.0213	0.0207	0.0004	0.0168
391	POLITICIAN	16	0.0033	0.0142	0.0055	0.0160	0.0160	0.0088	0.0164	0.0017	-0.0018	0.0156
392	DIPLOMAT	21	0.0036	0.0212	0.0247	0.0149	0.0220	0.0376	0.0257	0.0244	0.0009	0.0244
393	LAWYER	[illegible]	-0.0065	0.0701	0.0567	0.0812	0.1156	0.1120	0.0969	0.0977	0.0166	0.0617
394	MARKET ANALYST	15	-0.0097	-0.0071	-0.0112	0.0032	0.0085	0.0098	0.0040	0.0077	-0.0084	0.0101
397	PUBLIC ADM (NEC)	15	-0.0029	0.0070	0.0113	0.0055	0.0064	0.0167	0.0152	0.0069	-0.0089	0.005[illegible]
398	CITY PLANNER (NEC)	21	-0.0020	0.0075	0.0144	0.0047	0.0241	0.0029	0.0113	0.0253	-0.0046	0.0142
400	TEACHER (NEC)	473	0.0115	0.0234	0.0173	0.0050	0.0281	0.0106	0.0207	0.0310	0.0094	0.0309
412	TEACHER-ELEM.	54	0.0006	0.0005	0.0102	0.0028	0.0043	-0.0028	0.0128	0.0048	0.0043	0.0070
420	TEACHER-HS (NEC)	[illegible]	0.0099	0.0228	0.0217	0.0123	0.0117	0.0062	0.0122	0.0289	-0.0028	0.0107
421	TEACHER-HS MATH	55	-0.0112	0.0165	0.0117	0.0190	0.0023	-0.0077	0.0165	0.0114	0.0110	0.0278
422	TEACHER-HS SCIENCE	[illegible]	0.0156	0.0193	0.0223	-0.0011	0.0025	0.0012	0.0195	0.0174	-0.0018	0.0269
423	TEACHER-HS SOC. ST.	[illegible]	-0.0123	0.0039	0.0052	-0.0007	0.0184	-0.0007	0.0131	0.0183	-0.0040	0.0090
424	TEACHER-ENGLISH	38	0.0019	0.0059	0.0058	0.0150	0.0272	0.0293	0.0211	0.0183	0.0127	0.0177
425	TEACHER-FOR. LANG.	16	-0.0085	-0.0041	-0.0008	-0.0010	0.0094	0.0108	0.0185	0.0052	0.0108	0.0046
426	TEACHER-COMM. ED.	14	-0.0058	0.0075	0.0024	-0.0048	0.0119	-0.0040	0.0096	0.0052	0.0017	0.0000
428	TEACHER-TRADES	50	0.0034	0.0132	-0.0055	-0.0060	-0.0075	-0.0107	-0.0168	-0.0035	-0.0019	-0.0012
429	TEACHER-PHYS. ED.	57	0.0044	0.0149	-0.0131	-0.0036	-0.0022	-0.0063	-0.0061	-0.0058	-0.0140	0.0001
431	TEACHER-ART	12	-0.0057	0.0039	-0.0046	0.0017	0.0128	0.0248	0.0019	0.0069	-0.0063	0.0057
432	TEACHER-MUSIC	[illegible]	-0.0091	0.0032	0.0077	-0.0006	0.0252	0.0138	0.0151	0.0056	-0.0094	0.0046
440	TEACHER-HANDICAPPED	12	0.0053	0.0026	-0.0012	0.0037	0.0142	0.0041	0.0033	0.0104	0.0035	0.0030
450	SCH. ADMIN. (EXC. COLL.)	49	-0.0092	-0.0101	0.0016	-0.0080	0.0125	0.0003	0.0076	0.0041	0.0193	0.0147
460	COLL/UNIV TCHR (NEC)	214	0.0013	0.0391	0.0190	0.0422	0.0611	0.0389	0.0725	0.0698	0.0182	0.0447
461	COLL/UNIV TCHR-MATH	[illegible]	0.0096	0.0128	0.0185	0.0341	0.0287	0.0182	0.0350	0.0267	0.0116	0.0301
462	COLL/UNIV TCHR-SCI	48	0.0236	0.0385	0.0315	0.0430	0.0327	0.0198	0.0346	[illegible]	0.0228	0.0333
463	COLL/UNIV TCHR-SOC SCI	31	0.0071	0.0302	0.0351	0.0343	0.0660	0.0484	0.0463	[illegible]	0.0043	0.0346
464	COLL/UNIV TCHR-ENGLISH	44	0.0089	0.0214	0.0095	0.0202	0.0443	0.0488	0.0301	[illegible]	0.0140	0.0323
470	COLL/UNIV TCHR-ADM	13	-0.0160	-0.0022	0.0137	-0.0017	0.0144	0.0120	-0.0052	0.0094	0.0174	0.0244
511	LIBRARIAN	9	-0.0198	-0.0074	0.0076	-0.0073	0.0284	0.0102	-0.0007	0.0142	0.0152	0.0079
521	CLERGYMAN	177	-0.0202	0.0132	0.0151	0.0268	0.0324	0.0265	0.0347	[illegible]	0.0278	0.0438
523	RELIGIOUS WORKER (OTHER)	23	-0.0030	-0.0128	-0.0080	-0.0039	-0.0091	-0.0183	-0.0116	-0.0180	-0.0038	0.0040
531	WRITER (NEC)	21	-0.0098	0.0076	0.0042	0.0180	0.0230	0.0133	0.0134	0.0208	0.0107	0.0206
534	JOURNALIST/REPORTER	43	-0.0125	-0.0015	0.0015	0.0147	0.0282	0.0267	0.0141	0.0206	-0.0189	0.0294
537	EDITOR	10	-0.0146	0.0074	0.0131	-0.0040	0.0171	[illegible]	0.0137	0.0115	-0.0033	0.0076
541	FINE ARTS	22	0.0022	0.0059	0.0055	-0.0030	0.0066	0.0141	0.0137	0.0040	-0.0057	0.0001
545	COMM ARTIST	54	-0.0008	-0.0070	0.0094	-0.0180	-0.0006	0.0066	-0.0030	0.0033	-0.0079	-0.0133
547	DESIGNER (CONS GOODS)	14	0.0120	0.0113	0.0086	-0.0179	0.0004	0.0002	0.0021	0.0030	0.0100	0.0021
551	MUSICIAN	17	-0.0120	-0.0102	0.0097	0.0127	0.0162	0.0136	[illegible]	0.0042	-0.0018	0.0141

TABLE 4.1 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INFORMATION TEST II (CONT'D.)									
			FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY	GAMES (SEDENT)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS
			R-146	R-147	R-148	R-149	R-150	R-151	R-152	R-162	R-211	R-212
571	ACTOR	11	0.0016	0.0063	0.0145	0.0117	0.0388	0.0148	0.0182	0.0165	0.0036	0.0204
575	THEATRE (OTHER)	25	-0.0193	0.0002	0.0067	0.0112	0.0376	0.0131	0.0174	0.0124	0.0003	-0.0051
578	RADIO/TV ANNOUN.	23	0.0076	0.0082	0.0091	0.0005	0.0190	0.0115	0.0169	0.0026	-0.0202	-0.0076
579	MISC PERF ARTS	10	0.0055	0.0135	0.0168	0.0093	0.0140	0.0113	0.0152	0.0115	-0.0140	0.0061
611	PRO ATHLETE	12	-0.0168	-0.0099	-0.0012	-0.0064	-0.0108	-0.0051	-0.0008	-0.0086	0.0075	-0.0006
612	PRO ATHLETICS (AUX)	10	0.0156	-0.0017	-0.0017	-0.0063	-0.0059	-0.0088	-0.0042	-0.0159	0.0180	-0.0032
621	RECREATION DIR.	14	-0.0016	0.0011	0.0046	-0.0123	0.0058	-0.0104	-0.0042	-0.0025	0.0040	0.0004
623	FRSTRY, HUNT, TRAP	22	0.0199	-0.0187	-0.0196	-0.0150	-0.0232	-0.0097	-0.0155	-0.0241	0.0033	-0.0118
631	FARM/RANCH OWNER	173	-0.0028	-0.0222	-0.0264	-0.0393	-0.0593	-0.0476	-0.0616	-0.0473	-0.0127	-0.0298
632	FARM/RANCH MGR	9	-0.0032	-0.0053	0.0016	-0.0086	0.0020	0.0006	-0.0084	-0.0031	0.0091	0.0017
639	FARMING (OTHER)	204	-0.0175	-0.0436	-0.0430	-0.0704	-0.0761	-0.0799	-0.0752	-0.0831	-0.0198	-0.0288
640	MILITARY (RANK NOT IND)	51	0.0115	-0.0089	0.0037	-0.0234	-0.0186	0.0069	-0.0123	-0.0009	-0.0011	-0.0155
641	MILITARY-ENLISTED	27	-0.0024	-0.0128	-0.0024	-0.0100	-0.0065	-0.0053	-0.0330	-0.0072	-0.0040	-0.0095
642	MILITARY-OFFICER	111	0.0312	0.0371	0.0240	0.0311	0.0411	0.0274	0.0349	0.0457	0.0272	0.0368
650	INTELLIGENCE-CIA, ETC.	15	-0.0113	0.0053	0.0100	-0.0040	0.0097	0.0015	0.0089	0.0087	-0.0106	-0.0039
661	POLICE (PUBLIC)	188	-0.0112	-0.0136	-0.0154	-0.0140	-0.0093	-0.0063	-0.0190	-0.0180	-0.0102	-0.0249
666	FIREMAN	44	-0.0068	-0.0366	-0.0032	-0.0261	-0.0230	-0.0124	-0.0316	-0.0303	-0.0129	-0.0132
669	OTHER PROTECTIVE	19	-0.0009	-0.0119	-0.0040	-0.0128	0.0021	-0.0030	-0.0003	-0.0197	-0.0010	0.0006
711A	BANKING & FINANCE, I	66	-0.0079	-0.0100	0.0051	-0.0043	0.0026	-0.0040	-0.0106	-0.0062	-0.0112	-0.0178
711B	BANKING & FINANCE, II	114	0.0075	0.0156	0.0200	0.0128	0.0137	0.0158	0.0117	0.0267	-0.0022	0.0139
712	INVSTMNT,STOCK CONSULT	15	0.0051	0.0128	0.0130	0.0178	0.0184	0.0241	0.0186	0.0215	0.0177	0.0173
716	CPA	167	-0.0107	0.0166	0.0196	0.0313	0.0314	0.0170	0.0261	0.0424	0.0194	0.0075
717	ACCTANT (EXC CPA)	329	-0.0244	-0.0098	-0.0104	0.0031	0.0046	-0.0218	-0.0015	0.0045	0.0082	0.0091
721	PURCHASING AGENT	46	0.0071	-0.0086	0.0226	0.0120	0.0044	-0.0000	0.0170	0.0132	0.0044	-0.0049
722	RETAIL BUYER	10	-0.0035	-0.0063	0.0020	-0.0019	0.0018	0.0113	0.0047	0.0115	0.0038	0.0095
723	EFFICIENCY EXPERT	130	0.0268	0.0268	0.0134	0.0195	0.0236	0.0144	0.0305	0.0372	0.0059	0.0164
724	ADVERTISING	30	-0.0149	0.0049	0.0056	0.0161	0.0278	0.0371	0.0272	0.0214	-0.0012	0.0044
725	PUBLIC RELATIONS	44	-0.0123	0.0014	0.0006	0.0032	0.0181	0.0163	0.0172	0.0148	-0.0089	0.0127
726	PERSONNEL ADMIN	72	0.0108	0.0182	0.0154	0.0153	0.0230	0.0120	0.0131	0.0134	0.0198	0.0147
727	APPRAISING/ESTIMATING	35	0.0037	0.0090	0.0107	0.0014	0.0075	-0.0017	0.0069	0.0159	-0.0010	0.0068
728	LOAN/CREDIT INVESTIG	27	-0.0135	0.0011	-0.0046	-0.0019	0.0019	0.0008	0.0006	0.0103	0.0187	0.0086
730	BUS MGMT/ADMIN (NEC)	514	0.0127	0.0232	0.0148	0.0110	0.0465	0.0375	0.0274	0.0335	-0.0083	0.0187
731	MFG MGMT	55	0.0096	0.0103	0.0071	0.0041	0.0108	0.0105	0.0134	0.0175	0.0012	0.0034
732	WHSL/RET TRADE MGMT/MKTG	204	0.0032	0.0177	0.0049	0.0213	0.0248	0.0233	0.0183	0.0224	-0.0082	-0.0016
738	SUPERVISOR IN BUS	53	-0.0088	-0.0014	-0.0107	-0.0223	-0.0169	-0.0105	-0.0080	-0.0167	0.0105	-0.0073
741	SALESCLERK	27	0.0098	-0.0304	-0.0205	-0.0127	-0.0120	-0.0053	-0.0221	-0.0191	-0.0137	-0.0227
743	STOCKBROKER	17	0.0004	0.0104	0.0126	-0.0061	0.0010	0.0252	0.0189	0.0152	0.0030	0.0013
745	REAL EST SLSMAN	24	-0.0094	-0.0160	0.0031	0.0038	-0.0094	-0.0007	-0.0079	-0.0046	0.0152	-0.0046
746	INSURANCE SLSMAN	59	0.0093	-0.0037	0.0050	0.0025	-0.0001	0.0018	-0.0036	-0.0084	-0.0154	-0.0013
747	AUTO SLSMAN	11	-0.0003	-0.0111	-0.0103	-0.0032	-0.0164	0.0100	-0.0160	-0.0046	0.0053	-0.0053
748	OTHER SLSMAN (NEC)	327	-0.0013	-0.0005	-0.0078	-0.0192	0.0154	0.0256	-0.0042	0.0010	-0.0088	-0.0272
749	SALES MGR	63	-0.0083	0.0113	0.0072	0.0019	0.0229	0.0291	0.0023	0.0158	0.0002	-0.0005
751	BOOKKEEPER	12	-0.0131	-0.0127	-0.0148	-0.0044	-0.0122	-0.0165	-0.0090	-0.0205	-0.0063	-0.0006
755	MISC ACCT RECDG	13	-0.0160	-0.0116	-0.0026	-0.0153	-0.0124	-0.0100	-0.0131	-0.0145	-0.0021	-0.0048
758	COMPUTER OPERATOR	97	-0.0096	-0.0288	-0.0147	-0.0144	-0.0184	-0.0137	-0.0217	-0.0368	-0.0074	-0.0200
769	CLERK (MISC)	23	-0.0044	-0.0148	-0.0153	-0.0156	-0.0181	-0.0051	0.0002	-0.0197	-0.0161	-0.0021
772	OFFICE MGR	21	0.0078	-0.0134	-0.0061	-0.0005	-0.0096	-0.0162	-0.0134	0.0019	0.0095	-0.0135
789	OTHER "PUB CONTACT" OCCS	10	-0.0187	0.0089	-0.0091	-0.0063	-0.0073	-0.0038	0.0003	-0.0081	0.0046	-0.0081
791	RADIO, TELEGR, TTY OP	15	-0.0377	-0.0075	-0.0122	-0.0069	-0.0093	-0.0111	0.0022	-0.0013	-0.0089	-0.0130
796	MAIL CARRIER	20	0.0064	-0.0046	0.0041	-0.0136	-0.0082	-0.0018	-0.0176	-0.0142	-0.0116	-0.0118
797	MISC CLERICAL	138	-0.0252	-0.0419	-0.0263	-0.0249	-0.0279	-0.0337	-0.0298	-0.0462	-0.0037	-0.0278
798	MISC ADMINISTRATIVE	59	-0.0022	0.0080	0.0055	-0.0048	-0.0034	0.0056	0.0126	-0.0025	-0.0002	-0.0063
810	ELECTRICIAN	211	0.0065	-0.0284	-0.0327	-0.0320	-0.0435	-0.0297	-0.0336	-0.0533	-0.0222	-0.0397
811	ELECTRONIC TECHNICIAN	258	0.0297	0.0056	-0.0060	-0.0003	-0.0324	-0.0192	-0.0017	-0.0039	0.0166	-0.0186
812	APPLIANCE REPAIR	51	0.0034	-0.0163	-0.0029	-0.0185	-0.0267	-0.0166	-0.0222	-0.0194	0.0052	-0.0201
813	PHONE INSTALL & REPAIR	53	0.0043	0.0105	-0.0091	0.0067	-0.0208	-0.0006	-0.0067	-0.0037	0.0016	-0.0126
814	REPAIR AND SERV COMP	40	-0.0000	-0.0080	-0.0109	0.0096	-0.0101	-0.0126	-0.0047	-0.0090	-0.0125	-0.0059
820	MECHANIC (NEC)	133	-0.0039	-0.0386	-0.0259	-0.0402	-0.0570	-0.0440	-0.0489	-0.0492	-0.0088	-0.0404
821	AUTO MECHANIC	112	-0.0064	-0.0294	-0.0267	-0.0355	-0.0611	-0.0507	-0.0577	-0.0567	-0.0100	-0.0379
822	AIRPLANE MECHANIC	101	0.0112	-0.0239	-0.0294	-0.0230	-0.0378	-0.0360	-0.0324	-0.0339	0.0029	-0.0277
823	OFFICE MACH REPAIR	14	0.0052	0.0049	-0.0039	-0.0045	-0.0099	-0.0062	0.0071	0.0008	-0.0058	-0.0116
824	IND MACH REPAIR	28	-0.0023	-0.0094	-0.0211	-0.0067	-0.0150	-0.0204	-0.0221	-0.0121	0.0003	-0.0187
828	MACHINIST	276	0.0045	-0.0174	-0.0294	-0.0440	-0.0441	-0.0341	-0.0360	-0.0487	-0.0129	-0.0429
831	CABINET MAKER	11	0.0035	-0.0125	-0.0138	-0.0201	-0.0149	-0.0140	-0.0188	-0.0121	-0.0015	-0.0072
832	CARPENTER	63	0.0086	-0.0178	-0.0402	-0.0354	-0.0409	-0.0222	-0.0466	-0.0404	-0.0183	-0.0298
833	METAL TRADES	117	0.0034	-0.0491	-0.0304	-0.0525	-0.0559	-0.0415	-0.0624	-0.0686	-0.0109	-0.0434
834	BRKLYR, MASON, PTR, RFR	66	-0.0071	-0.0307	-0.0354	-0.0373	-0.0575	-0.0148	-0.0549	-0.0479	-0.0189	-0.0281
835	PLUMBER, PIPEFITTER	51	-0.0078	-0.0255	-0.0263	-0.0221	-0.0268	-0.0198	-0.0368	-0.0418	-0.0063	-0.0348
836	HEAVY EQUIP OP	42	-0.0048	-0.0212	-0.0195	-0.0246	-0.0262	-0.0255	-0.0249	-0.0336	0.0052	-0.0150
837	MISC BLDG & CONST	43	0.0060	-0.0096	-0.0362	-0.0229	-0.0255	-0.0329	-0.0119	-0.0254	-0.0099	-0.0231
838	MINING, QUARRYING, DRLNG	12	-0.0131	-0.0183	-0.0114	-0.0247	-0.0205	-0.0142	-0.0376	-0.0241	-0.0192	-0.0260
841	PILOT	154	0.0222	0.0403	0.0247	0.0272	0.0194	0.0054	0.0257	0.0313	0.0114	0.0190
843	AIRPLANE NAVIGATOR	10	0.0177	0.0104	0.0168	0.0049	0.0140	0.0113	0.0212	0.0180	0.0029	0.0179
848	AIR TRAFFIC CONTROLLER	10	-0.0066	-0.0124	0.0020	-0.0040	0.0079	-0.0138	0.0032	-0.0042	-0.0042	-0.0017
851	MERCHANT MARINE OCC	14	0.0069	0.0023	0.0086	0.0009	-0.0035	-0.0083	-0.0030	-0.0036	0.0085	0.0021
852	RAILROAD OCCS	22	0.0063	-0.0198	-0.0096	-0.0165	-0.0222	-0.0233	-0.0185	-0.0267	-0.0117	-0.0204
853	AUTO, BUS, TRUCK DRIVER	91	-0.0149	-0.0337	-0.0178	-0.0286	-0.0470	-0.0350	-0.0466	-0.0569	-0.0003	-0.0406
861	PRINTING TRADES	104	-0.0165	-0.0380	-0.0293	-0.0359	-0.0322	-0.0316	-0.0380	-0.0393	-0.0062	-0.0356
863	SURVEYOR	20	0.0007	-0.0067	-0.0208	-0.0104	-0.0168	-0.0000	-0.0049	-0.0059	-0.0010	-0.0111
864	DRAFTSMAN	134	-0.0127	-0.0228	-0.0252	-0.0191	-0.0357	-0.0331	-0.0190	-0.0381	-0.0092	-0.0309
865	PHOTOGRAPHY	37	0.0008	0.0000	0.0241	0.0102	0.0073	0.0066	0.0108	0.0168	-0.0102	0.0029
866	INTERIOR DECORATOR	8	-0.0144	-0.0070	0.0018	0.0138	-0.0031	0.0006	-0.0068	-0.0075	-0.0058	-0.0289
867	LANDSCAPE ARCH	9	0.0163	0.0102	0.0038	0.0114	-0.0009	-0.0057	0.0025	0.0046	0.0067	0.0033
881	FOOD & BEVERAGE PREP	20	-0.0207	-0.0304	-0.0444	-0.0167	-0.0309	-0.0142	-0.0345	-0.0400	-0.0148	-0.0173
885	BUTCHER, MEAT CUTTER	35	-0.0037	-0.0284	-0.0310	-0.0236	-0.0276	-0.0246	-0.0355	-0.0336	-0.0153	-0.0264
891	MISC PERSONAL SERV	8	-0.0099	-0.0189	-0.0065	-0.0086	-0.0151	-0.0079	-0.0235	-0.0090	0.0032	-0.0180
892	BARBER	29	-0.0046	-0.0303	-0.0282	-0.0271	-0.0340	-0.0091	-0.0264	-0.0437	-0.0195	-0.0333
893	HAIRDRESSER	14	-0.0130	-0.0184	-0.0056	-0.0087	0.0038	0.0238	-0.0077	0.0035	-0.0030	-0.0016
899	GENERAL LABORER	314	-0.0086	-0.0707	-0.0543	-0.0625	-0.0923	-0.0581	-0.0935	-0.1112	-0.0200	-0.0752

TABLE 4.1 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
				ENGLISH TEST								
			DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION	USAGE	EFFECT EXPRESS	WORD FN IN SENT	READING COMP	CREATIVITY	MECH REASONING
			R-220	R-231	R-232	R-238	R-234	R-235	R-240	R-250	R-260	R-270
000	NO ANSWER	1766	-0.0454	-0.0498	-0.0663	-0.0669	-0.0529	-0.0690	-0.0643	-0.0807	-0.0585	-0.0615
001	DON'T KNOW	734	-0.0331	-0.0407	-0.0264	-0.0349	-0.0367	-0.0221	-0.0468	-0.0365	-0.0290	-0.0304
101	EXECUTIVE (NEC)	49	0.0245	0.0125	0.0158	0.0075	0.0141	0.0095	0.0055	0.0120	0.0127	0.0021
102	FOREMAN (NEC)	103	-0.0191	-0.0205	-0.0179	-0.0398	-0.0341	-0.0296	-0.0415	-0.0359	-0.0227	-0.0105
111	WORK FOR GOVT (NEC)	49	0.0309	-0.0043	-0.0043	-0.0108	-0.0141	-0.0250	-0.0100	-0.0123	-0.0222	-0.0256
112	IN BUS. FOR SELF (NEC)	255	-0.0315	-0.0489	-0.0309	-0.0503	-0.0439	-0.0259	-0.0483	-0.0421	-0.0262	-0.0012
120	IND., BUS., COMM. (NEC)	161	-0.0013	-0.0089	0.0051	-0.0135	-0.0128	-0.0026	-0.0140	-0.0064	-0.0185	-0.0117
121	RETAIL (NEC)	22	0.0012	-0.0071	0.0010	-0.0083	-0.0081	0.0020	-0.0069	-0.0044	-0.0054	0.0040
122	TRANSPORTATION (NEC)	16	-0.0079	0.0067	0.0053	-0.0015	-0.0045	-0.0063	-0.0142	-0.0080	-0.0200	-0.0084
123	REAL ESTATE(NEC)	4	0.0006	-0.0006	-0.0025	-0.0082	-0.0009	0.0066	-0.0128	-0.0001	-0.0050	-0.0130
124	INSURANCE (NEC)	24	0.0084	0.0134	-0.0034	0.0128	0.0055	-0.0050	0.0014	0.0014	-0.0026	-0.0061
125	ELECTRONICS (NEC)	113	-0.0219	-0.0310	0.0055	-0.0077	-0.0030	-0.0099	-0.0262	-0.0135	-0.0030	0.0203
211	MATH., STAT.	42	0.0178	0.0274	0.0153	0.0496	0.0248	0.0229	0.0486	0.0256	0.0054	0.0186
212	OTHER STATISTICS	10	0.0132	0.0151	0.0126	0.0214	0.0173	0.0159	0.0244	0.0127	0.0187	0.0154
221	SYSTEMS ANALYST	55	0.0262	0.0269	0.0262	0.0331	0.0279	0.0205	0.0462	0.0276	0.0210	0.0307
222	COMPUTER PROG.	173	0.0035	0.0256	0.0085	0.0151	0.0161	0.0089	0.0140	0.0121	0.0086	0.0105
229	COMPUTER SPEC. (NEC)	38	0.0268	0.0158	0.0130	0.0232	0.0233	0.0085	0.0331	0.0219	0.0282	0.0198
230	PHYS. SCI. (NEC)	15	0.0070	0.0201	0.0164	0.0193	0.0152	0.0193	0.0255	0.0204	0.0196	0.0215
231	CHEMIST	93	0.0291	0.0300	0.0281	0.0437	0.0363	0.0277	0.0606	0.0537	0.0399	0.0480
232	PHYSICIST	53	0.0316	0.0258	0.0266	0.0510	0.0443	0.0388	0.0679	0.0546	0.0403	0.0581
234	GEOLOGIST	22	0.0111	0.0121	0.0205	0.0214	0.0226	0.0255	0.0224	0.0232	0.0315	0.0318
240	ENGINEER (NEC)	243	0.0412	0.0512	0.0396	0.0690	0.0481	0.0434	0.0962	0.0769	0.0850	0.0846
241	CIVIL ENGINEER	47	0.0205	0.0263	0.0270	0.0424	0.0285	0.0213	0.0487	0.0385	0.0348	0.0479
242	ELEC. ENGINEER	234	0.0282	0.0248	0.0306	0.0681	0.0301	0.0273	0.0650	0.0569	0.0642	0.0844
243	MECH. ENGINEER	134	0.0264	0.0412	0.0446-	0.0620	0.0422	0.0191	0.0653	0.0521	0.0525	0.0691
244	AERONAUTICAL ENG.	47	0.0140	0.0253	0.0143	0.0356	0.0188	0.0234	0.0382	0.0297	0.0275	0.0392
245	CHEM. ENGINEER	49	0.0326	0.0365	0.0209	0.0410	0.0271	0.0121	0.0556	0.0375	0.0304	0.0332
250	ARCHITECT	66	0.0247	0.0177	0.0204	0.0278	0.0314	0.0245	0.0344	0.0347	0.0390	0.0384
299	PHYS. SCI., LAB TECH.	100	-0.0160	-0.0103	-0.0018	-0.0120	-0.0075	-0.0057	-0.0122	-0.0108	-0.0065	-0.0065
310	BIOLOGIST, ZOOLOGIST	43	0.0255	0.0312	0.0209	0.0257	0.0252	0.0160	0.0221	0.0287	0.0370	0.0219
313	SPEC. IN AGRIC. SCI.	33	-0.0078	0.0067	0.0048	0.0100	0.0028	0.0137	0.0129	0.0130	0.0097	0.0187
314	WLDLF/FOREST SPEC.	43	0.0148	0.0067	0.0134	0.0153	0.0156	0.0180	0.0077	0.0194	0.0096	0.0278
316	MICROBIOLOGIST	9	0.0176	0.0172	0.0107	0.0176	0.0165	0.0053	0.0141	0.0179	0.0235	0.0160
317	BIOCHEMIST	10	0.0140	0.0071	0.0025	0.0173	0.0073	0.0147	0.0152	0.0170	0.0174	0.0113
322	MD-SURGEON	4	0.0071	0.0097	0.0103	0.0085	0.0019	0.0043	0.0166	0.0150	0.0150	0.0137
329	MD-OTHER	136	0.0858	0.0853	0.0411	0.1030	0.0742	0.0640	0.1173	0.0947	0.0642	0.0541
332	DENTIST	42	0.0321	0.0435	0.0297	0.0559	0.0366	0.0409	0.0480	0.0380	0.0217	0.0249
333	VETERINARIAN	30	0.0032	0.0097	0.0106	0.0220	0.0209	0.0164	0.0245	0.0273	0.0202	0.0232
335	PHARMACIST	59	0.0141	0.0275	0.0190	0.0415	0.0111	0.0173	0.0348	0.0211	0.0135	0.0068
336	OPTOMETRIST	14	0.0095	0.0055	0.0033	-0.0039	0.0031	0.0145	-0.0012	0.0106	0.0064	0.0022
337	RN	8	-0.0016	-0.0032	0.0103	0.0078	0.0001	0.0029	0.0016	0.0096	0.0135	0.0098
345	CHIROPRACTOR	4	0.0026	-0.0147	-0.0041	-0.0082	-0.0044	0.0142	-0.0108	-0.0023	0.0075	0.0037
347	MED/DENT TECHNOL.	15	0.0038	0.0145	0.0046	-0.0054	0.0015	0.0042	-0.0024	0.0074	0.0060	0.0001
348	MED/DENT TECHNICIAN	31	-0.0272	-0.0195	-0.0174	-0.0253	-0.0172	-0.0173	-0.0272	-0.0289	-0.0248	-0.0232
350	HOSPITAL ADMIN.	13	0.0008	0.0084	0.0061	0.0043	0.0040	0.0003	0.0128	0.0081	0.0000	-0.0154
360	PSYCHOLOGIST	34	0.0518	0.0373	0.0232	0.0474	0.0424	0.0319	0.0471	0.0521	0.0312	0.0066
370	SOCIAL WORKER	65	0.0096	0.0181	0.0068	0.0115	0.0116	0.0101	0.0182	0.0242	-0.0034	-0.0140
372	COUNSELING/GUIDANCE	10	0.0279	0.0080	0.0056	0.0111	0.0090	0.0087	0.0046	0.0073	0.0075	-0.0176
373	VOC/ED GUIDANCE	42	0.0053	0.0135	0.0150	0.0239	0.0219	0.0146	0.0278	0.0132	0.0047	-0.0056
382	ECONOMIST	32	0.0117	0.0070	0.0035	0.0222	0.0136	0.0058	0.0169	0.0277	0.0038	0.0081
389	SOC. SCI. (MISC)	31	0.0173	0.0094	-0.0019	0.0212	0.0110	0.0237	0.0309	0.0223	0.0182	-0.0037
391	POLITICIAN	15	0.0161	0.0194	0.0015	0.0159	0.0178	0.0060	0.0106	0.0172	0.0008	-0.0008
392	DIPLOMAT	21	0.0228	0.0200	0.0025	0.0304	0.0209	0.0178	0.0286	0.0261	0.0188	0.0110
393	LAWYER	342	0.0964	0.0921	0.0589	0.1073	0.1046	0.0924	0.1235	0.1228	0.0751	0.0311
394	MARKET ANALYST	13	-0.0040	0.0094	0.0059	0.0041	0.0076	0.0101	0.0118	0.0122	0.0033	0.0080
397	PUBLIC ADM (NEC)	18	0.0131	0.0053	-0.0120	0.0169	0.0080	0.0022	0.0110	0.0140	0.0123	0.0014
398	CITY PLANNER (NEC)	21	0.0282	0.0120	0.0160	0.0241	0.0129	0.0211	0.0230	0.0291	0.0170	0.0106
400	TEACHER (NEC)	478	0.0225	0.0442	0.0204	0.0380	0.0310	0.0419	0.0339	0.0549	0.0186	-0.0071
412	TEACHER-ELEM.	53	0.0067	0.0064	0.0053	0.0021	0.0061	-0.0041	0.0100	0.0108	0.0007	-0.0137
420	TEACHER-HS (NEC)	48	0.0184	0.0181	-0.0006	0.0257	0.0209	0.0212	0.0296	0.0325	0.0118	0.0061
421	TEACHER-HS MATH	55	0.0053	0.0209	0.0240	0.0379	0.0181	0.0153	0.0341	0.0189	-0.0078	0.0017
422	TEACHER-HS SCIENCE	58	0.0071	0.0057	0.0081	0.0162	0.0211	0.0229	0.0129	0.0210	0.0237	0.0223
423	TEACHER-HS SOC. ST.	45	0.0088	0.0183	0.0179	0.0019	0.0186	0.0165	0.0133	0.0268	0.0047	-0.0085
424	TEACHER-ENGLISH	38	0.0252	0.0282	0.0110	0.0301	0.0271	0.0271	0.0207	0.0326	0.0194	-0.0053
425	TEACHER-FOR. LANG.	14	0.0085	0.0123	0.0066	0.0183	0.0143	0.0145	0.0184	0.0694	-0.0080	-0.0234
426	TEACHER-COMM. ED.	14	0.0059	0.0115	0.0133	0.0084	0.0052	0.0135	0.0094	0.0087	0.0109	-0.0036
428	TEACHER-TRADES	40	-0.0122	-0.0049	-0.0042	-0.0103	-0.0084	0.0027	-0.0166	-0.0064	-0.0024	0.0148
429	TEACHER-PHYS. ED.	37	-0.0007	-0.0008	0.0090	-0.0174	-0.0047	0.0127	-0.0125	0.0009	-0.0039	-0.0160
431	TEACHER-ART	12	0.0047	-0.0031	-0.0038	0.0099	-0.0003	0.0091	0.0037	0.0074	0.0057	0.0045
432	TEACHER-MUSIC	30	0.0143	0.0123	0.0012	0.0287	0.0165	0.0143	0.0167	0.0098	0.0012	-0.0062
440	TEACHER-HANDICAPPED	12	0.0019	0.0001	0.0119	0.0071	0.0043	0.0080	0.0103	0.0208	0.0111	-0.0081
450	SCH. ADMIN. (EXC. COLL.)	45	0.0079	0.0079	-0.0026	0.0117	0.0168	0.0091	0.0090	0.0175	-0.0009	-0.0070
460	COLL/UNIV TCHR (NEC)	214	0.0627	0.0670	0.0420	0.0730	0.0739	0.0449	0.0839	0.0859	0.0489	0.0204
461	COLL/UNIV TCHR-MATH	30	0.0296	0.0467	0.0242	0.0576	0.0486	0.0380	0.0637	0.0425	0.0263	0.0212
462	COLL/UNIV TCHR-SCI	48	0.0324	0.0397	0.0245	0.0508	0.0347	0.0302	0.0538	0.0435	0.0433	0.0335
463	COLL/UNIV TCHR-SOC SCI	41	0.0346	0.0474	0.0225	0.0473	0.0405	0.0418	0.0523	0.0649	0.0291	-0.0022
464	COLL/UNIV TCHR-ENGLISH	44	0.0496	0.0477	0.0062	0.0451	0.0336	0.0264	0.0488	0.0364	0.0266	0.0099
470	COLL/UNIV TCHR-ADM	13	0.0116	0.0217	0.0129	0.0212	0.0047	0.0098	0.0106	0.0159	0.0081	-0.0039
511	LIBRARIAN	9	0.0039	0.0135	0.0074	0.0137	0.0113	0.0193	0.0177	0.0131	-0.0001	-0.0232
521	CLERGYMAN	177	0.0354	0.0576	0.0235	0.0695	0.0568	0.0471	0.0792	0.0531	0.0271	-0.0073
523	RELIGIOUS WORKER (OTHER)	23	0.0004	0.0174	0.0072	0.0208	-0.0036	0.0139	0.0149	0.0025	-0.0133	-0.0100
531	WRITER (NEC)	21	0.0291	0.0102	0.0122	0.0139	0.0069	0.0137	0.0090	0.0274	0.0111	0.0034
534	JOURNALIST/REPORTER	43	0.0357	0.0342	0.0183	0.0300	0.0324	0.0232	0.0230	0.0341	0.0179	-0.0174
537	EDITOR	10	0.0236	0.0320	0.0142	0.0245	0.0090	0.0147	0.0119	0.0159	0.0068	0.0017
541	FINE ARTS	22	-0.0003	-0.0089	0.0015	-0.0087	-0.0014	0.0150	-0.0000	0.0084	0.0035	0.0012
545	COMM ARTIST	54	-0.0010	-0.0110	0.0047	-0.0093	0.0010	0.0068	-0.0120	-0.0068	-0.0017	0.0091
547	DESIGNER (CONS GOODS)	14	0.0036	-0.0012	0.0007	-0.0091	0.0003	-0.0007	0.0094	0.0010	0.0075	0.0086
551	MUSICIAN	17	0.0159	0.0158	0.0120	0.0051	0.0108	0.0003	0.0036	0.0045	-0.0090	-0.0128

TABLE 4.1 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
				ENGLISH TEST								
			DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION	USAGE	EFFECT EXPRESS	WORD FN IN SENT	READING COMP	CREATIVITY	MECH REASONING
			R-220	R-231	R-232	R-233	R-234	R-235	R-240	R-250	R-260	R-270
571	ACTOR	11	0.0265	0.0115	0.0055	0.0075	0.0061	0.0094	0.0057	0.0103	0.0106	-0.0041
575	THEATRE (OTHER)	25	0.0186	0.0022	0.0116	0.0099	0.0053	0.0012	-0.0014	0.0081	0.0069	-0.0054
578	RADIO/TV ANNOUN.	23	0.0078	-0.0002	0.0025	0.0067	0.0161	0.0091	0.0050	0.0002	0.0071	-0.0128
579	MISC PERF ARTS	10	-0.0060	0.0017	0.0033	0.0007	0.0040	0.0111	0.0032	0.0111	0.0141	0.0106
611	PRO ATHLETE	12	0.0043	0.0042	-0.0060	-0.0018	0.0050	0.0102	0.0054	0.0010	-0.0069	-0.0068
612	PRO ATHLETICS (AUX)	10	-0.0087	-0.0018	0.0017	-0.0134	-0.0134	0.0003	-0.0041	-0.0035	-0.0142	-0.0128
621	RECREATION DIR.	14	0.0030	0.0115	0.0026	-0.0003	0.0038	0.0013	0.0004	0.0023	-0.0142	-0.0176
623	FRSTRY, HUNT, TRAP	22	-0.0065	-0.0137	-0.0148	-0.0165	-0.0025	-0.0126	-0.0150	-0.0217	-0.0134	-0.0137
631	FARM/RANCH OWNER	123	-0.0544	-0.0389	-0.0251	-0.0425	-0.0392	-0.0291	-0.0488	-0.0551	-0.0382	0.0034
632	FARM/RANCH MGR	8	0.0037	0.0117	0.0050	0.0065	0.0038	0.0070	0.0032	-0.0013	0.0024	0.0044
639	FARMING (OTHER)	294	-0.0693	-0.0366	-0.0304	-0.0311	-0.0420	-0.0415	-0.0512	-0.0863	-0.0550	-0.0134
640	MILITARY (RANK NOT IND)	51	-0.0035	-0.0069	-0.0117	-0.0156	0.0052	-0.0128	-0.0071	-0.0110	-0.0168	-0.0011
641	MILITARY-ENLISTED	27	-0.0120	-0.0227	-0.0157	-0.0231	-0.0011	-0.0206	-0.0190	-0.0157	-0.0102	0.0014
642	MILITARY-OFFICER	111	0.0290	0.0328	0.0291	0.0450	0.0323	0.0302	0.0452	0.0507	0.0505	0.0452
650	INTELLIGENCE-CIA, ETC.	15	-0.0081	-0.0000	0.0040	0.0031	-0.0127	-0.0026	-0.0012	0.0047	-0.0048	-0.0061
661	POLICE (PUBLIC)	138	-0.0137	-0.0194	-0.0145	-0.0441	-0.0274	-0.0338	-0.0505	-0.0215	-0.0281	-0.0323
666	FIREMAN	48	-0.0235	-0.0258	-0.0248	-0.0433	-0.0248	-0.0368	-0.0350	-0.0458	-0.0271	-0.0159
669	OTHER PROTECTIVE	17	-0.0159	-0.0127	-0.0226	-0.0322	-0.0073	-0.0189	-0.0212	-0.0067	-0.0209	-0.0177
711A	BANKING & FINANCE, I	60	-0.0032	-0.0200	-0.0227	-0.0281	-0.0060	-0.0111	-0.0087	-0.0150	-0.0101	-0.0200
711B	BANKING & FINANCE, II	114	0.0237	0.0130	0.0225	0.0250	0.0325	0.0198	0.0192	0.0360	0.0071	0.0004
712	INVSTMNT,STOCK CONSULT	15	0.0001	0.0116	0.0085	0.0116	0.0117	-0.0007	0.0126	0.0167	0.0022	0.0006
716	CPA	167	0.0201	0.0146	0.0297	0.0357	0.0222	0.0300	0.0299	0.0423	0.0185	-0.0018
717	ACCTANT (EXC CPA)	329	-0.0010	0.0236	0.0153	0.0215	-0.0042	0.0004	0.0061	-0.0003	-0.0166	-0.0311
721	PURCHASING AGENT	42	0.0053	-0.0010	0.0116	0.0105	0.0143	0.0101	-0.0033	0.0071	0.0180	-0.0032
722	RETAIL BUYER	10	-0.0043	0.0017	0.0103	0.0001	0.0015	-0.0022	-0.0094	-0.0027	-0.0136	-0.0038
723	EFFICIENCY EXPERT	130	0.0236	0.0123	0.0138	0.0246	0.0284	0.0217	0.0233	0.0345	0.0272	0.0281
724	ADVERTISING	30	0.0283	0.0154	-0.0024	0.0040	-0.0062	0.0157	0.0080	0.0246	0.0111	-0.0055
725	PUBLIC RELATIONS	44	0.0302	0.0230	0.0006	0.0081	0.0241	0.0195	0.0143	0.0156	-0.0032	-0.0105
726	PERSONNEL ADMIN	72	0.0251	0.0183	0.0195	0.0204	0.0169	0.0200	0.0121	0.0194	0.0194	0.0092
727	APPRAISING/ESTIMATING	33	0.0049	0.0028	0.0107	0.0086	0.0155	0.0063	0.0005	0.0103	0.0038	-0.0029
728	LOAN/CREDIT INVESTIG	27	0.0139	-0.0070	-0.0143	-0.0049	-0.0132	-0.0128	-0.0049	-0.0014	0.0046	0.0009
730	BUS MGMT/ADMIN (NEC)	514	0.0341	0.0342	0.0333	0.0210	0.0310	0.0263	0.0155	0.0386	0.0241	0.0032
731	MFG MGMT	55	0.0184	0.0007	-0.0070	0.0076	-0.0015	0.0196	0.0081	0.0232	0.0086	0.0232
732	WHSL/RET TRADE MGMT/MKTG	264	0.0125	0.0122	0.0165	0.0130	0.0103	0.0089	0.0061	0.0154	0.0097	-0.0045
738	SUPERVISOR IN BUS	53	-0.0120	-0.0184	-0.0195	-0.0250	-0.0144	-0.0183	-0.0242	-0.0245	-0.0156	-0.0119
741	SALESCLERK	27	-0.0280	-0.0059	-0.0272	-0.0197	-0.0243	-0.0076	-0.0205	-0.0296	-0.0415	-0.0255
743	STOCKBROKER	17	0.0050	0.0008	0.0070	0.0051	0.0147	0.0068	0.0002	0.0130	0.0026	-0.0038
745	REAL EST SLSMAN	24	0.0049	-0.0096	0.0001	0.0041	0.0007	0.0144	-0.0045	0.0009	0.0034	-0.0052
746	INSURANCE SLSMAN	69	0.0138	-0.0050	-0.0041	-0.0149	-0.0044	-0.0003	-0.0121	-0.0020	0.0008	-0.0145
747	AUTO SLSMAN	11	-0.0189	-0.0021	0.0040	-0.0153	-0.0121	-0.0124	-0.0228	-0.0284	-0.0208	-0.0087
748	OTHER SLSMAN (NEC)	327	-0.0139	-0.0252	0.0031	-0.0203	-0.0143	-0.0007	-0.0380	-0.0243	-0.0191	-0.0218
749	SALES MGR	63	0.0125	-0.0069	0.0137	0.0039	0.0042	0.0198	0.0023	0.0091	0.0123	-0.0023
751	BOOKKEEPER	12	-0.0188	0.0091	-0.0065	-0.0163	-0.0126	-0.0074	-0.0104	-0.0190	-0.0196	-0.0288
755	MISC ACCT RECDG	13	-0.0184	-0.0119	0.0006	-0.0049	-0.0156	-0.0018	-0.0071	-0.0071	-0.0092	-0.0184
758	COMPUTER OPERATOR	97	-0.0354	-0.0284	-0.0135	-0.0286	-0.0238	-0.0290	-0.0364	-0.0250	-0.0224	-0.0310
769	CLERK (MISC)	23	-0.0100	-0.0019	-0.0036	-0.0173	0.0062	-0.0099	-0.0246	-0.0191	-0.0111	-0.0173
772	OFFICE MGR	21	-0.0101	0.0046	0.0063	-0.0038	-0.0025	0.0095	-0.0176	-0.0123	-0.0071	-0.0118
789	OTHER "PUB CONTACT" OCCS	12	-0.0105	-0.0072	0.0064	-0.0050	-0.0176	0.0015	-0.0026	-0.0065	-0.0044	-0.0073
791	RADIO, TELEGR, TTY OP	15	-0.0070	-0.0031	-0.0046	-0.0029	-0.0038	-0.0111	-0.0150	-0.0063	-0.0195	-0.0095
796	MAIL CARRIER	20	-0.0093	0.0069	0.0057	-0.0133	-0.0213	-0.0082	-0.0047	-0.0073	-0.0122	-0.0103
797	MISC CLERICAL	103	-0.0310	-0.0336	-0.0270	-0.0385	-0.0393	-0.0381	-0.0499	-0.0441	-0.0378	-0.0483
798	MISC ADMINISTRATIVE	59	-0.0027	0.0140	0.0116	-0.0061	0.0038	-0.0068	-0.0088	0.0072	0.0013	-0.0300
810	ELECTRICIAN	211	-0.0427	-0.0463	-0.0334	-0.0597	-0.0605	-0.0492	-0.0669	-0.0640	-0.0422	-0.0081
811	ELECTRONIC TECHNICIAN	258	-0.0225	-0.0257	-0.0022	-0.0123	-0.0175	-0.0097	-0.0276	-0.0049	0.0077	0.0389
812	APPLIANCE REPAIR	51	-0.0259	-0.0227	-0.0034	-0.0254	-0.0150	-0.0138	-0.0214	-0.0172	-0.0110	0.0066
813	PHONE INSTALL & REPAIR	53	-0.0043	-0.0203	0.0029	-0.0239	-0.0217	-0.0088	-0.0232	-0.0192	-0.0038	0.0093
814	REPAIR AND SERV COMP	40	-0.0129	-0.0076	-0.0009	-0.0063	-0.0181	-0.0067	-0.0030	-0.0264	-0.0018	0.0144
820	MECHANIC (NEC)	133	-0.0408	-0.0558	-0.0387	-0.0722	-0.0617	-0.0521	-0.0625	-0.0714	-0.0283	-0.0001
821	AUTO MECHANIC	112	-0.0476	-0.0574	-0.0329	-0.0603	-0.0392	-0.0515	-0.0578	-0.0611	-0.0260	-0.0100
822	AIRPLANE MECHANIC	101	-0.0355	-0.0572	-0.0222	-0.0613	-0.0504	-0.0463	-0.0541	-0.0478	-0.0346	-0.0153
823	OFFICE MACH REPAIR	14	-0.0149	-0.0065	0.0247	0.0002	-0.0018	0.0105	-0.0012	-0.0041	0.0036	0.0179
824	IND MACH REPAIR	28	-0.0190	-0.0129	0.0019	-0.0176	-0.0150	-0.0125	-0.0317	-0.0261	-0.0078	0.0031
828	MACHINIST	276	-0.0433	-0.0536	-0.0325	-0.0691	-0.0477	-0.0444	-0.0659	-0.0635	-0.0242	0.0034
831	CABINET MAKER	11	-0.0163	-0.0106	-0.0109	-0.0303	-0.0152	-0.0192	-0.0219	-0.0170	-0.0233	-0.0146
832	CARPENTER	63	-0.0318	-0.0318	-0.0344	-0.0521	-0.0315	-0.0277	-0.0396	-0.0623	-0.0297	-0.0188
833	METAL TRADES	119	-0.0485	-0.0433	-0.0341	-0.0651	-0.0549	-0.0432	-0.0625	-0.0844	-0.0473	-0.0223
834	BRKLYR, MASON, PTR, RFR	55	-0.0326	-0.0457	-0.0328	-0.0480	-0.0527	-0.0496	-0.0514	-0.0698	-0.0407	-0.0253
835	PLUMBER, PIPEFITTER	31	-0.0342	-0.0441	-0.0196	-0.0474	-0.0398	-0.0361	-0.0632	-0.0610	-0.0367	-0.0209
836	HEAVY EQUIP OP	42	-0.0357	-0.0322	-0.0289	-0.0400	-0.0250	-0.0195	-0.0247	-0.0481	-0.0230	-0.0093
837	MISC BLDG & CONST	43	-0.0331	-0.0182	-0.0213	-0.0313	-0.0208	-0.0186	-0.0238	-0.0325	-0.0139	-0.0101
838	MINING, QUARRYING, DRLNG	12	-0.0160	-0.0251	-0.0316	-0.0291	-0.0313	-0.0195	-0.0232	-0.0365	-0.0202	-0.0169
841	PILOT	164	0.0255	0.0092	0.0107	0.0145	0.0202	0.0249	0.0212	0.0377	0.0416	0.0542
843	AIRPLANE NAVIGATOR	10	0.0117	0.0071	0.0095	0.0153	0.0082	0.0147	0.0148	0.0111	0.0088	0.0154
848	AIR TRAFFIC CONTROLLER	10	0.0006	0.0062	0.0001	-0.0073	-0.0076	-0.0106	-0.0021	0.0040	0.0062	0.0017
851	MERCHANT MARINE OCC	14	-0.0080	-0.0095	-0.0026	-0.0024	-0.0039	0.0003	-0.0053	0.0017	-0.0025	-0.0071
852	RAILROAD OCCS	22	-0.0151	-0.0377	-0.0280	-0.0281	-0.0310	-0.0232	-0.0228	-0.0250	-0.0192	-0.0086
853	AUTO, BUS, TRUCK DRIVER	91	-0.0429	-0.0402	-0.0258	-0.0581	-0.0414	-0.0564	-0.0572	-0.0699	-0.0451	-0.0247
861	PRINTING TRADES	104	-0.0385	-0.0310	-0.0387	-0.0396	-0.0345	-0.0272	-0.0539	-0.0516	-0.0276	-0.0243
863	SURVEYOR	20	-0.0139	-0.0183	0.0041	-0.0098	-0.0125	-0.0056	-0.0085	-0.0098	-0.0071	0.0058
864	DRAFTSMAN	134	-0.0210	-0.0345	-0.0126	-0.0411	-0.0351	-0.0225	-0.0432	-0.0413	-0.0198	0.0024
865	PHOTOGRAPHY	37	0.0016	-0.0171	0.0005	-0.0048	-0.0044	-0.0058	-0.0018	0.0013	0.0048	0.0085
866	INTERIOR DECORATOR	8	-0.0062	-0.0132	-0.0055	-0.0024	-0.0027	0.0056	-0.0038	-0.0089	-0.0049	0.0098
867	LANDSCAPE ARCH	9	0.0006	-0.0025	-0.0033	0.0047	-0.0096	0.0040	0.0050	0.0037	0.0089	-0.0028
881	FOOD & BEVERAGE PREP	20	-0.0234	-0.0252	-0.0224	-0.0392	-0.0400	-0.0473	-0.0204	-0.0410	-0.0248	-0.0215
885	BUTCHER, MEAT CUTTER	35	-0.0312	-0.0220	-0.0164	-0.0273	-0.0270	-0.0201	-0.0175	-0.0315	-0.0191	-0.0247
891	MISC PERSONAL SERV	8	-0.0118	-0.0351	-0.0194	-0.0283	-0.0185	-0.0253	-0.0200	-0.0222	-0.0145	-0.0241
892	BARBER	29	-0.0320	-0.0326	-0.0439	-0.0504	-0.0503	-0.0427	-0.0309	-0.0479	-0.0284	-0.0445
893	HAIRDRESSER	14	-0.0020	-0.0101	-0.0024	-0.0070	-0.0064	-0.0086	-0.0264	-0.0146	-0.0011	-0.0225
899	GENERAL LABORER	314	-0.0788	-0.0783	-0.0678	-0.1050	-0.0779	-0.0721	-0.0949	-0.1223	-0.0874	-0.0692

TABLE 4.1 (continued)

			POINT BISERIAL CORRELATIONS									
						MATH TEST						
#	GROUP	N	VIS IN 2-DIM	VIS IN 3-DIM	ABSTRACT REAS	ARITH REASONING	INTRO HS MATH	ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION
			R-261	R-262	R-290	R-311	R-312	R-333	F-410	F-420	F-430	F-440
000	NO ANSWER	1766	-0.0346	-0.0340	-0.0737	-0.0849	-0.0848	-0.0799	-0.0631	-0.0395	-0.0325	-0.0217
001	DON'T KNOW	734	-0.0123	-0.0278	-0.0248	-0.0499	-0.0570	-0.0457	-0.0454	-0.0116	-0.0220	-0.0157
101	EXECUTIVE (NEC)	59	-0.0055	-0.0131	0.0232	0.0159	0.0217	0.0208	0.0065	0.0097	0.0255	0.0234
102	FOREMAN (NEC)	133	-0.0082	-0.0244	-0.0284	-0.0342	-0.0437	-0.0440	-0.0218	-0.0189	-0.0183	-0.0134
111	WORK FOR GOVT (NEC)	59	-0.0223	-0.0141	-0.0170	-0.0273	-0.0265	-0.0260	-0.0144	0.0099	0.0060	0.0040
112	IN BUS. FOR SELF (NEC)	255	0.0032	-0.0165	-0.0219	-0.0239	-0.0410	-0.0418	-0.0269	0.0074	0.0033	0.0075
120	IND., BUS., COMM. (NEC)	161	-0.0048	-0.0245	-0.0032	-0.0050	-0.0104	-0.0085	0.0014	0.0082	0.0155	0.0046
121	RETAIL (NEC)	22	-0.0018	-0.0072	-0.0026	-0.0070	-0.0073	-0.0169	0.0000	0.0081	0.0037	-0.0019
122	TRANSPORTATION (NEC)	15	0.0044	-0.0019	-0.0112	-0.0083	-0.0038	-0.0009	-0.0095	0.0055	0.0073	0.0051
123	REAL ESTATE(NEC)	9	0.0030	-0.0075	0.0052	-0.0055	-0.0023	-0.0002	0.0108	-0.0045	0.0007	-0.0037
124	INSURANCE (NEC)	24	-0.0031	-0.0006	-0.0103	-0.0052	-0.0083	-0.0030	0.0071	0.0223	0.0027	0.0082
125	ELECTRONICS (NEC)	113	0.0127	0.0113	0.0109	-0.0047	-0.0072	-0.0238	0.0020	-0.0048	-0.0130	0.0022
211	MATH., STAT.	42	0.0103	0.0293	0.0376	0.0411	0.0563	0.0579	0.0280	0.0104	0.0244	0.0057
212	OTHER STATISTICS	10	0.0095	0.0185	0.0185	0.0163	0.0296	0.0236	0.0200	0.0040	-0.0004	-0.0026
221	SYSTEMS ANALYST	55	0.0211	0.0192	0.0345	0.0516	0.0644	0.0727	0.0424	0.0075	0.0126	0.0007
222	COMPUTER PROG.	173	0.0108	0.0125	0.0229	0.0133	0.0250	0.0212	0.0147	0.0154	0.0261	0.0224
229	COMPUTER SPEC. (NEC)	38	0.0214	0.0170	0.0324	0.0298	0.0331	0.0351	0.0286	0.0102	0.0195	0.0057
230	PHYS. SCI. (NEC)	15	0.0133	0.0202	0.0152	0.0172	0.0298	0.0227	0.0088	-0.0035	0.0096	0.0172
231	CHEMIST	93	0.0139	0.0384	0.0460	0.0451	0.0770	0.0803	0.0314	-0.0014	0.0127	0.0002
232	PHYSICIST	53	0.0350	0.0599	0.0536	0.0654	0.0792	0.0888	0.0298	0.0033	0.0047	0.0076
234	GEOLOGIST	22	0.0049	0.0289	0.0116	0.0256	0.0405	0.0387	0.0116	-0.0025	-0.0070	-0.0028
240	ENGINEER (NEC)	249	0.0712	0.0842	0.0864	0.0935	0.1224	0.1192	0.0620	0.0235	0.0285	0.0342
241	CIVIL ENGINEER	97	0.0367	0.0398	0.0456	0.0521	0.0764	0.0750	0.0267	0.0159	0.0142	0.0206
242	ELEC. ENGINEER	234	0.0478	0.0853	0.0693	0.0742	0.1077	0.1038	0.0296	0.0165	0.0087	0.0185
243	MECH. ENGINEER	139	0.0513	0.0640	0.0647	0.0665	0.0898	0.0740	0.0378	0.0151	0.0067	0.0169
244	AERONAUTICAL ENG.	40	0.0162	0.0307	0.0336	0.0375	0.0506	0.0496	0.0236	0.0101	0.0107	0.0101
245	CHEM. ENGINEER	48	0.0347	0.0382	0.0312	0.0480	0.0609	0.0505	0.0345	0.0138	0.0289	0.0227
250	ARCHITECT	54	0.0259	0.0511	0.0444	0.0290	0.0392	0.0481	0.0229	0.0101	0.0131	0.0292
299	PHYS. SCI., LAB TECH.	100	-0.0027	-0.0134	-0.0068	-0.0080	-0.0144	-0.0166	0.0016	0.0120	-0.0038	0.0089
310	BIOLOGIST, ZOOLOGIST	49	0.0122	0.0280	0.0133	0.0063	0.0231	0.0125	0.0113	0.0004	0.0063	0.0044
313	SPEC. IN AGRIC. SCI.	33	0.0124	0.0105	0.0097	0.0231	0.0114	0.0077	0.0140	0.0039	-0.0091	0.0120
314	WLDLF/FOREST SPEC.	43	0.0205	0.0216	0.0248	0.0259	0.0268	0.0253	0.0143	-0.0003	0.0075	0.0105
316	MICROBIOLOGIST	9	0.0085	0.0110	0.0062	0.0155	0.0157	0.0363	0.0087	0.0022	0.0015	0.0068
317	BIOCHEMIST	10	0.0076	0.0065	0.0109	0.0132	0.0169	0.0208	0.0074	-0.0000	0.0036	0.0060
322	MD-SURGEON	8	0.0089	0.0107	0.0075	0.0207	0.0162	0.0161	0.0052	-0.0031	0.0004	0.0010
329	MD-OTHER	185	0.0451	0.0459	0.0668	0.0947	0.1284	0.1356	0.0719	0.0070	0.0360	0.0151
332	DENTIST	92	0.0163	0.0077	0.0345	0.0459	0.0619	0.0537	0.0316	0.0026	0.0273	0.0134
333	VETERINARIAN	30	0.0110	0.0100	0.0149	0.0313	0.0385	0.0236	0.0148	-0.0011	-0.0007	0.0108
335	PHARMACIST	49	-0.0059	0.0082	0.0141	0.0358	0.0377	0.0300	0.0300	-0.0062	-0.0099	-0.0033
336	OPTOMETRIST	14	0.0022	0.0065	0.0104	0.0086	0.0125	0.0205	0.0120	0.0029	0.0097	0.0144
337	RN	8	0.0031	0.0142	0.0139	0.0036	-0.0002	-0.0090	-0.0067	-0.0040	-0.0043	-0.0027
345	CHIROPRACTOR	9	0.0025	0.0076	0.0002	0.0002	0.0044	0.0047	-0.0076	0.0123	0.0042	0.0058
347	MED/DENT TECHNOL.	15	0.0049	0.0025	-0.0031	-0.0048	-0.0075	-0.0059	0.0008	0.0195	0.0068	-0.0112
348	MED/DENT TECHNICIAN	31	-0.0249	-0.0342	-0.0200	-0.0323	-0.0288	-0.0255	-0.0143	-0.0127	-0.0111	-0.0089
350	HOSPITAL ADMIN.	13	-0.0069	-0.0087	-0.0069	0.0089	-0.0012	-0.0029	-0.0001	-0.0020	-0.0155	-0.0131
360	PSYCHOLOGIST	34	0.0054	0.0137	0.0405	0.0298	0.0485	0.0366	0.0144	0.0088	0.0133	0.0005
370	SOCIAL WORKER	65	-0.0206	-0.0029	0.0059	0.0028	0.0078	0.0064	-0.0047	-0.0067	0.0022	0.0046
372	COUNSELING/GUIDANCE	10	-0.0018	-0.0078	-0.0111	-0.0029	-0.0105	-0.0045	0.0114	-0.0061	-0.0000	-0.0010
373	VOC/ED GUIDANCE	42	0.0034	0.0012	0.0068	0.0120	0.0083	-0.0074	0.0138	0.0022	0.0079	0.0034
382	ECONOMIST	32	0.0002	0.0053	0.0066	0.0204	0.0179	0.0243	0.0133	-0.0068	0.0075	-0.0004
389	SOC. SCI. (MISC)	31	0.0095	-0.0042	0.0174	0.0129	0.0307	0.0213	0.0083	0.0166	0.0126	0.0155
391	POLITICIAN	16	-0.0023	-0.0045	0.0069	0.0081	0.0109	0.0131	0.0010	0.0040	0.0061	0.0070
392	DIPLOMAT	21	0.0125	0.0108	0.0091	0.0209	0.0253	0.0238	0.0131	-0.0003	0.0134	0.0004
393	LAWYER	342	0.0291	0.0304	0.0639	0.1036	0.1315	0.1163	0.0612	0.0146	0.0497	0.0132
394	MARKET ANALYST	15	-0.0071	-0.0040	0.0101	0.0083	0.0153	-0.0005	0.0142	0.0024	-0.0000	0.0054
397	PUBLIC ADM (NEC)	16	-0.0049	-0.0070	0.0092	0.0105	0.0101	0.0116	-0.0058	0.0070	-0.0001	0.0077
398	CITY PLANNER (NEC)	21	0.0067	0.0218	0.0203	0.0203	0.0249	0.0193	0.0117	0.0000	0.0076	0.0060
400	TEACHER (NEC)	473	-0.0031	-0.0029	0.0102	0.0151	0.0335	0.0232	0.0320	-0.0025	0.0050	-0.0004
412	TEACHER-ELEM.	53	-0.0187	-0.0037	-0.0024	-0.0133	-0.0025	-0.0052	0.0140	-0.0035	-0.0054	-0.0183
420	TEACHER-HS (NEC)	39	0.0090	0.0017	0.0205	0.0185	0.0228	0.0046	0.0124	-0.0002	0.0112	0.0004
421	TEACHER-HS MATH	65	0.0034	0.0128	0.0243	0.0393	0.0564	0.0479	0.0374	0.0084	0.0156	0.0134
422	TEACHER-HS SCIENCE	53	-0.0039	0.0185	0.0129	0.0234	0.0339	0.0308	0.0036	-0.0103	0.0032	-0.0074
423	TEACHER-HS SOC. ST.	65	-0.0022	-0.0139	-0.0048	0.0068	0.0016	-0.0042	0.0008	-0.0050	0.0064	-0.0026
424	TEACHER-ENGLISH	38	-0.0140	0.0027	0.0152	0.0039	0.0093	-0.0014	-0.0023	0.0063	0.0200	-0.0010
425	TEACHER-FOR. LANG.	14	-0.0062	-0.0151	0.0031	0.0054	0.0133	0.0023	0.0123	-0.0016	-0.0101	0.0008
426	TEACHER-COMM. ED.	14	0.0074	-0.0124	0.0015	0.0093	0.0055	0.0062	0.0156	0.0026	0.0027	-0.0054
428	TEACHER-TRADES	50	0.0097	0.0118	0.0059	-0.0054	-0.0063	-0.0121	-0.0011	0.0034	0.0031	0.0113
429	TEACHER-PHYS. ED.	57	-0.0005	-0.0104	-0.0069	-0.0243	-0.0136	-0.0153	-0.0013	0.0134	0.0050	0.0036
431	TEACHER-ART	12	0.0084	0.0156	0.0023	0.0002	0.0015	-0.0076	-0.0102	-0.0140	0.0163	0.0066
432	TEACHER-MUSIC	30	-0.0043	-0.0020	0.0094	-0.0010	0.0009	-0.0051	0.0083	-0.0043	-0.0011	0.0008
440	TEACHER-HANDICAPPED	12	-0.0033	0.0003	0.0066	0.0058	0.0082	0.0035	0.0085	0.0098	0.0093	0.0035
450	SCH. ADMIN. (EXC. COLL.)	43	-0.0185	-0.0194	0.0059	0.0007	0.0082	0.0137	0.0122	-0.0044	0.0045	-0.0101
460	COLL/UNIV TCHR (NEC)	214	0.0180	0.0321	0.0504	0.0728	0.0791	0.0788	0.0368	0.0102	0.0286	0.0023
461	COLL/UNIV TCHR-MATH	30	0.0206	0.0266	0.0358	0.0494	0.0691	0.0836	0.0268	0.0141	0.0127	0.0035
462	COLL/UNIV TCHR-SCI	48	0.0215	0.0393	0.0298	0.0494	0.0591	0.0608	0.0162	0.0075	0.0113	0.0060
463	COLL/UNIV TCHR-SOC SCI	81	0.0010	0.0013	0.0336	0.0499	0.0477	0.0498	0.0264	0.0046	0.0238	-0.0042
464	COLL/UNIV TCHR-ENGLISH	44	0.0054	0.0020	0.0200	0.0369	0.0361	0.0431	0.0152	-0.0026	0.0207	0.0024
470	COLL/UNIV TCHR-ADM	13	-0.0102	-0.0122	0.0040	0.0062	0.0156	0.0119	0.0160	0.0001	0.0068	-0.0061
511	LIBRARIAN	9	-0.0164	-0.0075	0.0032	0.0002	0.0044	0.0018	-0.0002	0.0145	0.0138	0.0022
521	CLERGYMAN	177	-0.0052	0.0105	0.0326	0.0311	0.0269	0.0250	0.0121	-0.0004	0.0007	-0.0144
523	RELIGIOUS WORKER (OTHER)	23	-0.0032	-0.0049	-0.0006	-0.0028	0.0109	0.0078	0.0068	-0.0115	-0.0010	-0.0017
531	WRITER (NEC)	21	-0.0022	-0.0063	0.0124	0.0045	0.0057	0.0038	-0.0113	-0.0068	0.0017	-0.0009
534	JOURNALIST/REPORTER	43	-0.0055	-0.0130	0.0027	0.0070	0.0079	0.0019	0.0098	-0.0015	0.0025	-0.0018
537	EDITOR	10	-0.0160	-0.0046	0.0061	0.0140	0.0110	0.0114	0.0137	-0.0003	0.0108	0.0000
541	FINE ARTS	22	-0.0005	0.0154	0.0090	0.0013	-0.0110	-0.0042	-0.0116	-0.0062	0.0135	0.0064
545	COMM ARTIST	54	-0.0045	0.0277	0.0059	-0.0201	-0.0253	-0.0190	-0.0245	-0.0137	-0.0173	0.0080
547	DESIGNER (CONS GOODS)	14	0.0074	0.0065	-0.0033	-0.0076	-0.0069	-0.0080	-0.0076	-0.0054	-0.0130	0.0031
551	MUSICIAN	17	-0.0178	0.0043	0.0046	-0.0057	0.0053	0.0008	-0.0056	0.0003	0.0037	-0.0005

TABLE 4.1 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
						MATH TEST						
			VIS IN 2-DIM	VIS IN 3-DIM	ABSTRACT REAS	ARITH REASONING	INTRO HS MATH	ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION
			R-281	R-282	R-290	R-311	R-312	R-333	F-410	F-420	F-430	F-440
571	ACTOR	11	-0.0035	-0.0104	0.0086	0.0016	-0.0035	-0.0084	-0.0109	0.0145	0.0122	0.0114
575	THEATRE (OTHER)	25	0.0080	-0.0086	-0.0004	-0.0109	-0.0051	-0.0121	-0.0003	0.0133	-0.0026	0.0012
578	RADIO/TV ANNOUN.	23	-0.0092	-0.0043	-0.0087	-0.0058	-0.0101	-0.0212	0.0036	-0.0073	-0.0008	-0.0072
579	MISC PERF ARTS	10	0.0029	0.0145	0.0041	0.0078	0.0012	-0.0017	0.0024	-0.0000	0.0165	0.0120
611	PRO ATHLETE	12	-0.0042	-0.0084	-0.0056	0.0016	-0.0030	0.0009	0.0038	0.0134	0.0118	0.0072
612	PRO ATHLETICS (AUX)	10	-0.0094	-0.0078	-0.0121	-0.0067	-0.0027	-0.0120	0.0071	-0.0000	0.0054	0.0057
621	RECREATION DIR.	14	0.0026	-0.0117	0.0015	-0.0076	-0.0061	-0.0040	0.0046	0.0092	0.0055	-0.0054
623	FRSTRY, HUNT, TRAP	22	-0.0139	-0.0147	-0.0225	-0.0080	-0.0255	-0.0225	-0.0051	-0.0057	0.0026	-0.0120
631	FARM/RANCH OWNER	123	-0.0108	-0.0188	-0.0397	-0.0270	-0.0592	-0.0576	-0.0316	-0.0328	-0.0329	-0.0243
632	FARM/RANCH MGR	8	-0.0059	0.0009	-0.0042	0.0010	-0.0068	-0.0017	0.0037	0.0020	0.0061	-0.0038
639	FARMING (OTHER)	204	-0.0389	-0.0316	-0.0477	-0.0351	-0.0665	-0.0527	-0.0277	-0.0341	-0.0573	-0.0630
640	MILITARY (RANK NOT IND)	51	-0.0166	0.0000	-0.0119	-0.0169	-0.0184	-0.0044	-0.0166	0.0045	-0.0014	0.0036
641	MILITARY-ENLISTED	27	-0.0049	0.0040	0.0039	-0.0086	-0.0284	-0.0248	-0.0204	-0.0021	-0.0141	0.0078
642	MILITARY-OFFICER	111	0.0263	0.0446	0.0382	0.0467	0.0645	0.0521	0.0330	0.0139	0.0210	0.0225
650	INTELLIGENCE-CIA, ETC.	15	0.0107	-0.0053	0.0047	-0.0004	0.0025	0.0056	0.0023	0.0074	0.0045	0.0018
661	POLICE (PUBLIC)	188	-0.0319	-0.0379	-0.0334	-0.0291	-0.0612	-0.0514	-0.0327	0.0051	-0.0011	-0.0096
666	FIREMAN	48	-0.0140	-0.0169	-0.0220	-0.0318	-0.0364	-0.0358	-0.0196	0.0135	-0.0023	-0.0044
669	OTHER PROTECTIVE	19	-0.0072	-0.0247	-0.0148	-0.0175	-0.0220	-0.0115	-0.0061	-0.0128	-0.0281	-0.0028
711A	BANKING & FINANCE, I	66	-0.0016	-0.0175	-0.0157	-0.0133	-0.0198	-0.0190	0.0007	-0.0004	-0.0100	-0.0022
711B	BANKING & FINANCE, II	114	-0.0058	0.0063	0.0160	0.0285	0.0263	0.0259	0.0156	0.0001	0.0133	-0.0001
712	INVSTMNT,STOCK CONSULT	15	0.0053	-0.0047	0.0125	0.0209	0.0208	0.0155	0.0143	0.0158	0.0117	0.0081
716	CPA	167	0.0172	0.0218	0.0280	0.0471	0.0555	0.0378	0.0468	0.0146	0.0244	0.0102
717	ACCTANT (EXC CPA)	329	-0.0088	-0.0133	-0.0033	0.0276	0.0191	0.0042	0.0286	0.0089	0.0178	-0.0102
721	PURCHASING AGENT	40	0.0098	0.0055	0.0093	0.0084	-0.0040	-0.0085	0.0132	0.0054	0.0057	0.0044
722	RETAIL BUYER	10	-0.0103	0.0034	-0.0035	-0.0021	-0.0125	-0.0045	0.0061	0.0013	-0.0004	0.0194
723	EFFICIENCY EXPERT	130	0.0139	0.0190	0.0230	0.0292	0.0348	0.0260	0.0184	0.0043	0.0063	-0.0001
724	ADVERTISING	30	0.0089	-0.0122	0.0171	0.0116	0.0072	0.0112	0.0107	0.0038	0.0197	0.0016
725	PUBLIC RELATIONS	44	-0.0075	-0.0106	-0.0128	-0.0000	0.0137	-0.0006	0.0152	0.0092	0.0199	0.0000
726	PERSONNEL ADMIN	72	0.0027	-0.0004	0.0031	0.0145	0.0163	0.0092	0.0184	0.0119	0.0059	0.0013
727	APPRAISING/ESTIMATING	35	-0.0003	0.0052	0.0050	0.0151	0.0000	-0.0026	0.0045	0.0050	0.0094	-0.0013
728	LOAN/CREDIT INVESTIG	27	0.0087	-0.0188	-0.0002	-0.0057	-0.0010	-0.0060	0.0029	0.0156	0.0192	0.0078
730	BUS MGMT/ADMIN (NEC)	514	0.0053	-0.0025	0.0115	0.0217	0.0180	-0.0012	0.0373	0.0186	0.0249	0.0207
731	MFG MGMT	55	0.0051	-0.0042	0.0124	0.0135	0.0144	0.0168	0.0017	0.0123	0.0109	0.0147
732	WHSL/RET TRADE MGMT/MKTG	204	0.0109	0.0051	0.0124	0.0080	0.0088	0.0017	0.0101	0.0155	0.0164	-0.0007
738	SUPERVISOR IN BUS	53	0.0010	-0.0075	-0.0251	-0.0239	-0.0336	-0.0365	-0.0143	-0.0069	-0.0103	-0.0060
741	SALESCLERK	27	-0.0147	-0.0247	-0.0304	-0.0286	-0.0329	-0.0243	-0.0272	-0.0101	-0.0079	-0.0083
743	STOCKBROKER	17	-0.0000	0.0055	0.0061	0.0067	0.0079	-0.0006	0.0080	0.0039	0.0017	0.0067
745	REAL EST SLSMAN	24	-0.0077	-0.0093	-0.0079	-0.0032	-0.0001	-0.0042	-0.0043	0.0084	-0.0006	0.0106
746	INSURANCE SLSMAN	69	-0.0022	-0.0133	-0.0125	-0.0077	-0.0199	-0.0128	-0.0056	0.0073	0.0015	0.0144
747	AUTO SLSMAN	11	-0.0062	-0.0157	-0.0214	-0.0122	-0.0217	-0.0182	-0.0064	-0.0119	-0.0159	-0.0232
748	OTHER SLSMAN (NEC)	327	-0.0182	-0.0193	-0.0126	-0.0194	-0.0412	-0.0329	-0.0011	-0.0033	-0.0052	0.0095
749	SALES MGR	63	-0.0047	-0.0084	-0.0036	-0.0005	-0.0038	-0.0043	0.0070	0.0106	-0.0044	0.0095
751	BOOKKEEPER	12	-0.0184	-0.0223	-0.0160	-0.0201	-0.0159	-0.0128	0.0056	0.0137	0.0026	-0.0077
755	MISC ACCT RECDG	13	-0.0152	-0.0241	-0.0169	-0.0038	-0.0219	-0.0193	-0.0060	-0.0087	-0.0140	-0.0116
758	COMPUTER OPERATOR	97	-0.0128	-0.0317	-0.0169	-0.0268	-0.0387	-0.0413	-0.0075	-0.0018	-0.0098	-0.0124
769	CLERK (MISC)	23	-0.0095	-0.0117	-0.0132	-0.0245	-0.0211	-0.0199	0.0033	0.0090	-0.0004	-0.0010
772	OFFICE MGR	21	-0.0080	-0.0124	-0.0126	-0.0050	-0.0142	-0.0066	-0.0076	0.0039	0.0051	0.0021
789	OTHER "PUB CONTACT" OCCS	16	-0.0061	-0.0166	-0.0102	-0.0029	-0.0042	-0.0110	-0.0052	-0.0096	-0.0106	0.0000
791	RADIO, TELEGR, TTY OP	15	-0.0090	0.0006	-0.0135	-0.0252	-0.0147	-0.0187	-0.0184	-0.0124	-0.0013	0.0006
796	MAIL CARRIER	20	-0.0066	-0.0116	-0.0070	-0.0155	-0.0063	-0.0156	0.0014	-0.0173	0.0052	0.0008
797	MISC CLERICAL	108	-0.0447	-0.0458	-0.0406	-0.0368	-0.0475	-0.0470	-0.0322	-0.0195	-0.0165	-0.0049
798	MISC ADMINISTRATIVE	59	-0.0040	-0.0181	-0.0209	-0.0138	-0.0117	-0.0116	-0.0036	0.0074	0.0023	-0.0017
810	ELECTRICIAN	211	-0.0067	-0.0187	-0.0357	-0.0489	-0.0692	-0.0609	-0.0298	0.0008	-0.0113	0.0006
811	ELECTRONIC TECHNICIAN	255	0.0213	0.0384	0.0162	-0.0065	-0.0124	-0.0242	-0.0016	-0.0017	-0.0195	0.0018
812	APPLIANCE REPAIR	51	-0.0072	-0.0060	-0.0263	-0.0105	-0.0245	-0.0263	-0.0077	0.0028	-0.0153	-0.0158
813	PHONE INSTALL & REPAIR	53	0.0086	-0.0013	-0.0045	-0.0089	-0.0204	-0.0080	-0.0231	0.0094	-0.0088	-0.0006
814	REPAIR AND SERV COMP	40	0.0127	0.0119	0.0069	0.0049	-0.0081	-0.0155	-0.0166	0.0020	-0.0048	0.0061
820	MECHANIC (NEC)	133	-0.0105	-0.0055	-0.0436	-0.0519	-0.0631	-0.0525	-0.0371	-0.0069	-0.0468	-0.0071
821	AUTO MECHANIC	112	-0.0107	-0.0138	-0.0303	-0.0437	-0.0662	-0.0513	-0.0230	-0.0180	-0.0324	-0.0193
822	AIRPLANE MECHANIC	101	-0.0113	-0.0221	-0.0405	-0.0582	-0.0578	-0.0412	-0.0410	0.0028	-0.0166	0.0111
823	OFFICE MACH REPAIR	14	0.0062	0.0146	0.0160	0.0021	-0.0065	-0.0088	-0.0093	-0.0099	-0.0189	0.0025
824	IND MACH REPAIR	23	0.0133	-0.0065	-0.0115	-0.0015	-0.0218	-0.0225	-0.0357	-0.0050	-0.0044	0.0133
828	MACHINIST	275	0.0028	-0.0011	-0.0166	-0.0403	-0.0744	-0.0582	-0.0320	-0.0143	-0.0268	-0.0079
831	CABINET MAKER	11	0.0006	-0.0112	-0.0105	-0.0254	-0.0283	-0.0289	-0.0113	-0.0098	-0.0116	-0.0099
832	CARPENTER	63	-0.0111	-0.0228	-0.0280	-0.0347	-0.0505	-0.0476	-0.0292	-0.0021	-0.0221	-0.0044
833	METAL TRADES	119	-0.0210	-0.0243	-0.0466	-0.0627	-0.0743	-0.0533	-0.0366	-0.0146	-0.0199	-0.0050
834	BRKLYR, MASON, PTR, RFR	66	-0.0104	-0.0259	-0.0521	-0.0476	-0.0596	-0.0446	-0.0367	-0.0281	-0.0249	-0.0116
835	PLUMBER, PIPEFITTER	81	-0.0175	-0.0307	-0.0299	-0.0411	-0.0379	-0.0395	-0.0350	-0.0013	-0.0152	-0.0002
836	HEAVY EQUIP OP	42	-0.0123	-0.0164	-0.0323	-0.0285	-0.0417	-0.0262	-0.0114	-0.0014	-0.0134	-0.0077
837	MISC BLDG & CONST	43	-0.0055	-0.0119	-0.0176	-0.0322	-0.0246	-0.0297	-0.0147	-0.0112	-0.0126	-0.0084
838	MINING, QUARRYING, DRLNG	12	-0.0115	-0.0164	-0.0273	-0.0250	-0.0271	-0.0179	-0.0307	-0.0154	-0.0246	-0.0166
841	PILOT	164	0.0361	0.0328	0.0230	0.0313	0.0374	0.0251	0.0130	0.0135	0.0161	0.0158
843	AIRPLANE NAVIGATOR	10	0.0124	0.0145	0.0080	0.0094	0.0169	0.0189	0.0072	0.0138	0.0089	0.0100
848	AIR TRAFFIC CONTROLLER	10	0.0005	-0.0070	-0.0025	-0.0083	-0.0052	-0.0035	0.0015	0.0072	0.0080	-0.0040
851	MERCHANT MARINE OCC	14	-0.0070	-0.0171	-0.0065	-0.0147	-0.0053	-0.0088	-0.0062	0.0015	-0.0070	-0.0079
852	RAILROAD OCCS	22	0.0008	-0.0126	-0.0264	-0.0189	-0.0242	-0.0295	-0.0115	0.0058	0.0002	0.0035
853	AUTO, BUS, TRUCK DRIVER	91	-0.0199	-0.0300	-0.0475	-0.0705	-0.0688	-0.0543	-0.0389	-0.0048	-0.0198	-0.0161
861	PRINTING TRADES	104	-0.0255	-0.0197	-0.0303	-0.0564	-0.0590	-0.0489	-0.0253	-0.0141	-0.0068	-0.0137
863	SURVEYOR	20	0.0038	-0.0116	-0.0076	-0.0073	-0.0090	0.0016	-0.0204	-0.0207	-0.0173	-0.0098
864	DRAFTSMAN	134	0.0039	0.0160	-0.0034	-0.0342	-0.0360	-0.0343	-0.0188	0.0188	0.0036	0.0112
865	PHOTOGRAPHY	37	0.0055	0.0089	-0.0035	-0.0172	-0.0158	-0.0041	-0.0202	-0.0073	-0.0129	-0.0032
866	INTERIOR DECORATOR	8	0.0026	0.0116	-0.0095	-0.0084	-0.0161	-0.0048	-0.0155	-0.0064	0.0019	0.0021
867	LANDSCAPE ARCH	9	0.0010	0.0051	-0.0008	0.0026	0.0008	0.0067	-0.0103	-0.0012	0.0031	-0.0044
881	FOOD & BEVERAGE PREP	20	-0.0233	-0.0195	-0.0157	-0.0231	-0.0294	-0.0182	-0.0245	-0.0143	0.0016	-0.0129
885	BUTCHER, MEAT CUTTER	35	-0.0190	-0.0213	-0.0287	-0.0312	-0.0306	-0.0191	-0.0205	-0.0195	-0.0291	-0.0211
891	MISC PERSONAL SERV	8	-0.0090	-0.0197	-0.0255	-0.0221	-0.0145	-0.0195	-0.0296	-0.0049	0.0004	-0.0091
892	BARBER	29	-0.0297	-0.0326	-0.0404	-0.0438	-0.0453	-0.0345	-0.0390	-0.0063	-0.0150	-0.0292
893	HAIRDRESSER	13	-0.0144	-0.0070	-0.0054	-0.0175	-0.0303	-0.0233	-0.0106	0.0017	0.0013	-0.0050
899	GENERAL LABORER	314	-0.0565	-0.0657	-0.0954	-0.0989	-0.1175	-0.0797	-0.0723	-0.0233	-0.0503	-0.0428

TABLE 4.1 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
								INTEREST INVENTORY				
			ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH	BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE
			A-410	A-420	A-430	A-440	A-500	P-701	P-702	P-703	P-704	P-705
000	NO ANSWER	1766	-0.0594	-0.0121	0.0141	0.0014	0.0000	-0.0164	0.0096	-0.0091	0.0028	0.0072
001	DON'T KNOW	734	-0.0349	-0.0028	-0.0103	-0.0124	-0.0072	-0.0404	-0.0315	-0.0226	-0.0079	-0.0208
101	EXECUTIVE (NEC)	59	0.0290	0.0208	0.0239	0.0280	-0.0029	0.0053	0.0036	0.0091	0.0032	0.0017
102	FOREMAN (NEC)	103	-0.0274	-0.0071	-0.0073	-0.0082	0.0025	-0.0249	-0.0225	-0.0214	-0.0232	-0.0098
111	WORK FOR GOVT (NEC)	49	-0.0049	0.0043	0.0134	0.0099	0.0107	-0.0228	-0.0124	0.0018	0.0045	0.0091
112	IN BUS. FOR SELF (NEC)	255	-0.0214	-0.0036	0.0014	0.0073	0.0000	-0.0334	-0.0376	-0.0073	-0.0369	-0.0280
120	IND., BUS., COMM. (NEC)	161	0.0044	0.0019	0.0154	0.0048	-0.0088	-0.0200	-0.0105	0.0049	-0.0080	-0.0129
121	RETAIL (NEC)	22	-0.0091	0.0029	0.0005	-0.0016	-0.0065	-0.0096	-0.0021	0.0017	0.0044	-0.0100
122	TRANSPORTATION (NEC)	16	-0.0006	0.0016	-0.0010	-0.0014	-0.0070	-0.0035	-0.0063	-0.0020	-0.0104	-0.0106
123	REAL ESTATE(NEC)	9	0.0065	-0.0012	-0.0012	-0.0070	0.0010	-0.0045	0.0042	0.0108	0.0087	-0.0002
124	INSURANCE (NEC)	24	0.0036	0.0165	0.0277	0.0121	0.0031	-0.0045	-0.0032	0.0084	0.0170	0.0162
125	ELECTRONICS (NEC)	113	-0.0219	-0.0171	-0.0276	-0.0080	-0.0171	0.0233	-0.0018	-0.0181	-0.0265	-0.0145
211	MATH., STAT.	42	0.0344	0.0047	0.0103	0.0059	0.0011	0.0437	0.0040	0.0115	0.0137	-0.0004
212	OTHER STATISTICS	12	0.0208	0.0003	0.0025	0.0020	-0.0044	0.0157	0.0058	0.0071	-0.0140	-0.0124
221	SYSTEMS ANALYST	55	0.0378	0.0184	0.0017	0.0022	-0.0016	0.0539	0.0179	0.0166	0.0028	-0.0032
222	COMPUTER PROG.	173	0.0158	0.0069	0.0074	0.0195	-0.0060	0.0217	-0.0066	-0.0170	-0.0132	-0.0120
229	COMPUTER SPEC. (NEC)	38	0.0220	0.0043	0.0091	0.0015	0.0053	0.0268	0.0020	-0.0071	0.0028	-0.0118
230	PHYS. SCI. (NEC)	16	0.0021	0.0087	0.0004	0.0161	-0.0124	0.0173	0.0060	-0.0118	-0.0061	-0.0143
231	CHEMIST	93	0.0207	-0.0077	-0.0153	-0.0071	-0.0095	0.0719	0.0416	-0.0043	0.0056	-0.0183
232	PHYSICIST	53	0.0215	-0.0011	-0.0113	0.0019	-0.0279	0.0728	0.0259	-0.0060	0.0164	-0.0213
234	GEOLOGIST	22	0.0144	-0.0023	-0.0129	-0.0040	-0.0105	0.0333	-0.0021	-0.0161	-0.0060	-0.0146
240	ENGINEER (NEC)	248	0.0783	0.0176	0.0138	0.0339	0.0021	0.1129	0.0267	-0.0023	-0.0104	-0.0269
241	CIVIL ENGINEER	47	0.0373	0.0195	0.0033	0.0162	0.0010	0.0594	0.0120	-0.0122	-0.0123	-0.0076
242	ELEC. ENGINEER	234	0.0348	0.0220	0.0066	0.0124	0.0007	0.1240	0.0340	-0.0142	-0.0175	-0.0398
243	MECH. ENGINEER	139	0.0409	0.0056	-0.0009	0.0123	-0.0096	0.0856	0.0117	-0.0026	-0.0133	-0.0078
244	AERONAUTICAL ENG.	43	0.0217	0.0085	-0.0022	0.0026	-0.0080	0.0547	0.0173	-0.0030	0.0004	-0.0188
245	CHEM. ENGINEER	44	0.0423	0.0101	0.0088	0.0186	0.0077	0.0661	0.0331	0.0073	0.0072	-0.0017
250	ARCHITECT	64	0.0105	-0.0004	-0.0049	0.0224	-0.0201	0.0389	0.0194	0.0099	0.0109	-0.0166
299	PHYS. SCI., LAB TECH.	100	-0.0077	-0.0019	-0.0024	-0.0006	0.0026	0.0043	-0.0035	0.0060	-0.0066	-0.0068
310	BIOLOGIST, ZOOLOGIST	43	0.0128	-0.0076	-0.0091	0.0010	-0.0097	0.0164	0.0396	-0.0050	0.0002	-0.0046
313	SPEC. IN AGRIC. SCI.	33	0.0184	0.0021	-0.0066	0.0087	0.0038	0.0020	0.0181	-0.0078	-0.0020	0.0046
314	WLDLF/FOREST SPEC.	43	0.0090	-0.0061	-0.0022	0.0034	-0.0161	-0.0003	0.0109	-0.0148	-0.0138	-0.0104
316	MICROBIOLOGIST	9	0.0059	-0.0018	-0.0030	0.0051	-0.0018	0.0188	0.0295	0.0001	0.0118	0.0051
317	BIOCHEMIST	10	0.0082	-0.0069	-0.0063	0.0027	-0.0063	0.0175	0.0284	-0.0087	0.0032	0.0006
322	MD-SURGEON	9	0.0066	0.0028	-0.0010	0.0054	0.0054	0.0169	0.0304	0.0091	-0.0018	0.0101
329	MD-OTHER	186	0.0789	0.0005	0.0119	0.0028	-0.0029	0.0766	0.1300	0.0366	0.0504	0.0234
332	DENTIST	92	0.0432	-0.0036	0.0214	0.0108	0.0065	0.0371	0.0786	0.0246	0.0133	0.0160
333	VETERINARIAN	37	0.0107	-0.0016	-0.0074	0.0043	-0.0005	0.0160	0.0181	-0.0010	-0.0204	-0.0102
335	PHARMACIST	99	0.0290	-0.0045	-0.0134	-0.0079	-0.0064	0.0396	0.0532	0.0207	0.0248	0.0177
336	OPTOMETRIST	14	0.0122	0.0022	0.0144	0.0084	0.0093	0.0040	0.0215	0.0027	0.0028	-0.0081
337	RN	8	-0.0127	-0.0089	-0.0134	-0.0074	-0.0021	-0.0129	0.0103	-0.0031	0.0007	0.0130
345	CHIROPRACTOR	9	0.0111	0.0062	0.0049	0.0070	-0.0069	0.0046	0.0120	0.0008	-0.0020	-0.0006
347	MED/DENT TECHNOL.	15	-0.0053	0.0121	0.0014	-0.0067	0.0004	-0.0000	0.0156	-0.0031	0.0022	0.0042
348	MED/DENT TECHNICIAN	31	-0.0135	-0.0059	-0.0035	-0.0027	-0.0003	-0.0160	0.0113	-0.0158	-0.0019	0.0022
350	HOSPITAL ADMIN.	13	0.0051	-0.0027	-0.0018	-0.0079	-0.0043	-0.0042	0.0195	-0.0093	0.0035	0.0054
360	PSYCHOLOGIST	94	0.0169	0.0041	0.0020	0.0023	-0.0059	0.0238	0.0370	0.0056	0.0428	0.0103
370	SOCIAL WORKER	65	-0.0094	-0.0101	0.0066	0.0058	-0.0111	-0.0016	0.0206	0.0251	0.0463	0.0404
372	COUNSELING/GUIDANCE	10	0.0035	0.0003	-0.0005	-0.0005	0.0137	0.0047	0.0061	0.0000	0.0208	0.0096
373	VOC/ED GUIDANCE	42	0.0140	0.0001	-0.0032	0.0059	0.0081	-0.0012	0.0240	0.0160	0.0383	0.0499
382	ECONOMIST	32	0.0092	-0.0091	-0.0070	-0.0058	0.0020	0.0197	0.0234	0.0237	0.0158	0.0014
389	SOC. SCI. (MISC)	31	0.0161	0.0112	0.0124	0.0118	0.0043	0.0085	0.0096	0.0202	0.0220	0.0143
391	POLITICIAN	16	0.0062	0.0006	0.0014	0.0113	-0.0136	-0.0087	0.0056	0.0227	0.0194	0.0220
392	DIPLOMAT	21	0.0104	-0.0032	0.0115	0.0065	0.0066	0.0203	0.0163	0.0189	0.0287	0.0105
393	LAWYER	342	0.0797	0.0084	0.0186	0.0073	-0.0152	0.0336	0.0640	0.1256	0.1150	0.0370
394	MARKET ANALYST	15	0.0118	0.0009	-0.0092	0.0029	-0.0052	0.0019	0.0152	0.0060	0.0054	-0.0022
397	PUBLIC ADM (NEC)	16	0.0006	0.0053	0.0044	0.0059	0.0018	-0.0106	-0.0002	0.0239	0.0252	0.0075
398	CITY PLANNER (NEC)	21	0.0115	-0.0069	0.0005	-0.0019	0.0052	0.0141	0.0093	0.0228	0.0241	0.0088
400	TEACHER (NEC)	478	0.0338	-0.0060	-0.0081	-0.0048	0.0105	-0.0104	0.0350	0.0160	0.0417	0.0731
412	TEACHER-ELEM.	53	0.0031	-0.0104	-0.0143	-0.0263	-0.0037	0.0071	0.0222	0.0074	0.0223	0.0435
420	TEACHER-HS (NEC)	98	0.0111	-0.0056	-0.0016	-0.0055	-0.0114	0.0079	0.0113	0.0067	0.0164	0.0317
421	TEACHER-HS MATH	65	0.0365	0.0029	0.0058	0.0042	0.0113	0.0455	0.0149	0.0028	0.0036	0.0287
422	TEACHER-HS SCIENCE	63	0.0071	-0.0121	-0.0117	-0.0110	-0.0048	0.0199	0.0375	-0.0036	0.0043	0.0161
423	TEACHER-HS SOC. ST.	95	0.0026	-0.0003	0.0120	-0.0029	-0.0055	0.0047	0.0120	0.0337	0.0319	0.0427
424	TEACHER-ENGLISH	35	-0.0097	-0.0015	0.0011	-0.0086	-0.0042	-0.0061	0.0136	0.0140	0.0404	0.0293
425	TEACHER-FOR. LANG.	14	0.0155	-0.0005	-0.0025	0.0024	-0.0072	-0.0091	0.0109	0.0077	0.0290	0.0295
426	TEACHER-COMM. ED.	14	0.0155	-0.0002	-0.0067	-0.0097	0.0046	0.0022	0.0125	0.0126	0.0117	0.0332
428	TEACHER-TRADES	53	-0.0120	-0.0009	-0.0014	0.0101	0.0116	0.0087	0.0074	0.0014	-0.0072	0.0142
429	TEACHER-PHYS. ED.	57	-0.0017	0.0062	0.0047	0.0028	0.0038	-0.0178	-0.0018	-0.0034	-0.0060	0.0167
431	TEACHER-ART	12	-0.0016	0.0066	0.0136	0.0064	0.0024	-0.0143	-0.0032	-0.0116	0.0115	-0.0007
432	TEACHER-MUSIC	30	0.0008	-0.0046	0.0018	0.0068	0.0001	-0.0176	-0.0007	-0.0042	0.0263	0.0267
440	TEACHER-HANDICAPPED	12	0.0101	0.0110	-0.0023	0.0025	-0.0040	-0.0107	0.0052	0.0214	0.0290	0.0308
450	SCH. ADMIN. (EXC. COLL.)	45	0.0166	0.0133	-0.0031	-0.0103	0.0018	-0.0016	0.0114	0.0237	0.0220	0.0472
460	COLL/UNIV TCHR (NEC)	214	0.0314	0.0021	0.0025	-0.0062	-0.0103	0.0215	0.0443	0.0532	0.0972	0.0594
461	COLL/UNIV TCHR-MATH	30	0.0396	0.0196	0.0044	0.0018	0.0004	0.0523	0.0189	-0.0076	0.0401	0.0207
462	COLL/UNIV TCHR-SCI	48	0.0408	0.0111	0.0037	-0.0013	-0.0077	0.0559	0.0527	0.0168	0.0368	0.0196
463	COLL/UNIV TCHR-SOC SCI	81	0.0312	0.0113	0.0111	-0.0083	0.0047	0.0084	0.0346	0.0591	0.0732	0.0305
464	COLL/UNIV TCHR-ENGLISH	44	0.0095	-0.0090	0.0070	-0.0002	-0.0154	0.0065	0.0080	0.0078	0.0538	0.0017
470	COLL/UNIV TCHR-ADM	13	0.0147	0.0051	0.0013	-0.0048	-0.0025	-0.0074	0.0006	0.0087	0.0214	0.0340
511	LIBRARIAN	9	0.0009	0.0101	0.0092	0.0010	-0.0156	-0.0096	0.0062	0.0237	0.0347	0.0335
521	CLERGYMAN	177	0.0057	-0.0170	-0.0089	-0.0185	-0.0153	-0.0228	0.0081	0.0062	0.0708	0.1203
523	RELIGIOUS WORKER (OTHER)	23	0.0103	0.0024	-0.0101	-0.0067	-0.0036	-0.0027	-0.0034	0.0040	0.0146	0.0307
531	WRITER (NEC)	21	-0.0159	0.0041	0.0031	0.0085	-0.0075	0.0003	0.0091	-0.0066	0.0303	0.0177
534	JOURNALIST/REPORTER	43	-0.0070	0.0029	0.0005	-0.0058	-0.0163	-0.0286	-0.0248	-0.0012	0.0403	0.0028
537	EDITOR	10	0.0119	0.0025	0.0066	-0.0087	-0.0109	-0.0037	0.0018	0.0118	0.0201	0.0027
541	FINE ARTS	22	-0.0080	-0.0047	0.0080	0.0049	-0.0149	-0.0072	-0.0047	0.0050	0.0212	-0.0132
545	COMM ARTIST	54	-0.0271	0.0010	-0.0093	0.0050	-0.0107	-0.0155	-0.0111	-0.0129	0.0016	-0.0031
547	DESIGNER (CONS GOODS)	14	-0.0048	-0.0098	-0.0134	0.0096	-0.0031	0.0065	0.0042	-0.0063	-0.0034	-0.0005
551	MUSICIAN	17	0.0098	0.0138	0.0050	-0.0014	0.0099	-0.0229	-0.0074	-0.0144	0.0083	0.0005

TABLE 4.1 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
								INTEREST INVENTORY				
			ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH	BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE
			A-410	A-420	A-430	A-440	A-500	P-701	P-702	P-703	P-704	P-705
571	ACTOR	11	-0.0094	0.0122	0.0061	0.0118	0.0047	-0.0149	0.0008	0.0023	0.0275	0.0016
575	THEATRE (OTHER)	25	-0.0102	-0.0009	-0.0050	-0.0055	-0.0064	-0.0180	-0.0026	0.0082	0.0301	0.0061
578	RADIO/TV ANNOUN.	23	-0.0123	-0.0103	-0.0112	-0.0089	0.0002	-0.0242	-0.0107	-0.0114	-0.0041	0.0016
579	MISC PERF ARTS	10	-0.0085	-0.0042	0.0112	0.0056	0.0056	-0.0061	-0.0195	-0.0076	0.0013	-0.0041
611	PRO ATHLETE	12	0.0003	0.0034	0.0151	0.0058	0.0030	-0.0066	0.0002	0.0009	0.0018	0.0059
612	PRO ATHLETICS (AUX)	10	0.0045	-0.0075	-0.0054	0.0009	0.0018	-0.0127	-0.0045	-0.0033	-0.0092	0.0013
621	RECREATION DIR.	14	-0.0042	0.0032	-0.0001	-0.0079	0.0010	-0.0109	-0.0031	0.0000	0.0101	0.0180
623	FRSTRY, HUNT, TRAP	22	-0.0232	-0.0106	0.0019	-0.0175	0.0034	-0.0221	-0.0172	-0.0165	-0.0215	-0.0142
631	FARM/RANCH OWNER	123	-0.0115	-0.0214	-0.0107	-0.0187	0.0079	-0.0503	-0.0438	-0.0299	-0.0556	-0.0120
632	FARM/RANCH MGR	8	0.0001	-0.0065	0.0018	-0.0054	0.0197	-0.0025	-0.0009	-0.0056	-0.0111	-0.0151
639	FARMING (OTHER)	204	-0.0240	-0.0268	-0.0220	-0.0455	-0.0031	-0.0786	-0.0646	-0.0561	-0.0740	-0.0259
640	MILITARY (RANK NOT IND)	51	-0.0094	0.0011	-0.0053	0.0043	0.0112	0.0035	0.0031	0.0031	0.0049	0.0046
641	MILITARY-ENLISTED	27	-0.0219	-0.0060	-0.0103	0.0075	0.0130	-0.0106	-0.0119	-0.0030	-0.0041	0.0007
642	MILITARY-OFFICER	111	0.0332	0.0141	0.0111	0.0159	0.0093	0.0502	0.0297	0.0244	0.0277	0.0051
650	INTELLIGENCE-CIA, ETC.	15	-0.0023	0.0012	0.0019	-0.0003	0.0064	-0.0056	0.0032	-0.0054	0.0025	-0.0008
661	POLICE (PUBLIC)	168	-0.0292	0.0013	0.0051	-0.0088	0.0055	-0.0505	-0.0299	0.0009	-0.0262	-0.0102
666	FIREMAN	48	-0.0189	0.0027	-0.0015	-0.0000	0.0155	-0.0259	-0.0154	-0.0116	-0.0255	-0.0099
669	OTHER PROTECTIVE	19	-0.0120	0.0031	-0.0004	0.0052	0.0067	-0.0117	-0.0069	0.0084	-0.0028	0.0110
711A	BANKING & FINANCE, I	65	-0.0052	-0.0072	0.0165	0.0023	-0.0067	-0.0361	-0.0259	0.0011	-0.0095	-0.0171
711B	BANKING & FINANCE, II	114	0.0242	-0.0085	0.0045	-0.0054	0.0045	0.0028	0.0106	0.0253	0.0168	0.0015
712	INVSTMNT,STOCK CONSULT	15	0.0111	0.0115	0.0038	0.0029	0.0174	0.0088	0.0029	0.0096	0.0064	-0.0040
716	CPA	157	0.0365	0.0116	0.0056	0.0000	-0.0045	0.0116	-0.0040	0.0117	-0.0066	-0.0046
717	ACCTANT (EXC CPA)	329	0.0280	0.0016	0.0157	-0.0134	-0.0009	-0.0029	-0.0278	0.0144	-0.0175	-0.0036
721	PURCHASING AGENT	40	0.0065	-0.0038	0.0054	0.0047	0.0067	0.0089	-0.0002	0.0130	-0.0051	0.0042
722	RETAIL BUYER	10	0.0048	0.0003	0.0089	0.0170	0.0001	0.0029	0.0110	0.0191	-0.0032	-0.0066
723	EFFICIENCY EXPERT	130	0.0162	-0.0052	-0.0005	-0.0042	0.0073	0.0430	0.0133	0.0181	0.0111	-0.0058
724	ADVERTISING	30	0.0120	0.0111	0.0224	0.0126	-0.0078	-0.0066	0.0029	0.0068	0.0309	0.0058
725	PUBLIC RELATIONS	44	0.0160	0.0131	0.0104	0.0051	0.0027	-0.0189	-0.0077	0.0305	0.0231	0.0218
726	PERSONNEL ADMIN	72	0.0120	0.0147	0.0034	0.0050	-0.0034	-0.0015	0.0089	0.0031	0.0057	0.0096
727	APPRAISING/ESTIMATING	35	-0.0038	0.0030	-0.0026	-0.0011	-0.0077	-0.0062	-0.0105	-0.0011	0.0058	-0.0003
728	LOAN/CREDIT INVESTIG	27	-0.0043	0.0167	0.0106	0.0058	0.0115	-0.0102	0.0015	0.0013	0.0012	-0.0019
730	BUS MGMT/ADMIN (NEC)	514	0.0240	0.0096	0.0082	0.0107	0.0113	0.0119	0.0136	0.0248	0.0093	-0.0052
731	MFG MGMT	55	0.0141	0.0114	0.0116	0.0158	0.0057	0.0090	0.0043	0.0053	-0.0001	-0.0043
732	WHSL/RET TRADE MGMT/MKTG	204	0.0173	0.0135	0.0093	0.0028	0.0112	-0.0059	-0.0054	0.0154	0.0016	-0.0000
738	SUPERVISOR IN BUS	53	-0.0107	-0.0102	-0.0072	-0.0012	-0.0061	-0.0185	-0.0051	-0.0047	-0.0120	0.0069
741	SALESCLERK	27	-0.0152	-0.0138	0.0012	-0.0110	0.0093	-0.0284	-0.0155	-0.0155	-0.0062	-0.0021
743	STOCKBROKER	17	0.0068	0.0007	-0.0052	0.0074	0.0031	0.0094	0.0152	0.0271	0.0223	-0.0039
745	REAL EST SLSMAN	24	-0.0161	0.0243	0.0070	0.0133	-0.0006	-0.0155	-0.0134	0.0059	-0.0054	-0.0042
746	INSURANCE SLSMAN	69	-0.0009	0.0085	0.0099	0.0167	0.0102	-0.0272	-0.0026	0.0024	0.0005	0.0077
747	AUTO SLSMAN	11	-0.0146	-0.0027	-0.0042	-0.0212	0.0057	-0.0217	-0.0212	-0.0142	-0.0057	-0.0189
748	OTHER SLSMAN (NEC)	327	-0.0212	0.0006	-0.0045	0.0041	-0.0007	-0.0336	-0.0123	0.0241	0.0072	0.0087
749	SALES MGR	63	0.0041	-0.0019	0.0037	0.0070	-0.0086	-0.0072	0.0029	0.0094	0.0081	0.0062
751	BOOKKEEPER	12	-0.0069	0.0091	-0.0026	-0.0082	0.0004	0.0043	-0.0010	0.0082	0.0056	0.0111
755	MISC ACCT RECDG	13	-0.0052	-0.0044	-0.0072	-0.0145	0.0050	-0.0187	-0.0161	-0.0021	-0.0083	-0.0019
758	COMPUTER OPERATOR	97	-0.0138	-0.0013	0.0073	-0.0095	0.0057	-0.0271	-0.0259	-0.0058	-0.0184	-0.0197
769	CLERK (MISC)	23	-0.0066	0.0054	-0.0014	-0.0027	0.0099	-0.0186	-0.0082	0.0007	-0.0146	0.0089
772	OFFICE MGR	21	0.0064	0.0304	0.0182	0.0097	-0.0058	-0.0119	-0.0051	0.0087	-0.0103	0.0080
789	OTHER "PUB CONTACT" OCCS	10	0.0082	-0.0010	-0.0036	0.0006	-0.0036	-0.0148	-0.0159	-0.0033	-0.0102	-0.0037
791	RADIO, TELEGR, TTY OP	15	-0.0159	-0.0117	-0.0004	0.0034	-0.0099	-0.0066	-0.0095	0.0030	0.0047	0.0039
796	MAIL CARRIER	20	0.0048	0.0077	0.0161	0.0107	-0.0031	-0.0050	-0.0067	-0.0135	-0.0165	-0.0083
797	MISC CLERICAL	108	-0.0296	-0.0056	-0.0136	0.0013	-0.0037	-0.0238	-0.0169	0.0068	-0.0048	0.0083
798	MISC ADMINISTRATIVE	59	0.0092	0.0061	0.0091	-0.0001	0.0160	-0.0136	-0.0065	0.0058	0.0098	0.0039
810	ELECTRICIAN	211	-0.0462	-0.0051	-0.0095	0.0030	0.0057	-0.0190	-0.0397	-0.0359	-0.0457	-0.0303
811	ELECTRONIC TECHNICIAN	258	-0.0276	-0.0130	-0.0269	-0.0055	-0.0081	0.0169	-0.0270	-0.0385	-0.0466	-0.0425
812	APPLIANCE REPAIR	51	-0.0189	-0.0043	-0.0252	-0.0085	-0.0113	-0.0108	-0.0175	-0.0238	-0.0300	-0.0232
813	PHONE INSTALL & REPAIR	53	-0.0139	-0.0026	-0.0107	-0.0054	0.0117	-0.0140	-0.0189	-0.0071	-0.0269	-0.0085
814	REPAIR AND SERV COMP	40	-0.0074	0.0035	-0.0046	0.0108	-0.0001	0.0095	-0.0090	-0.0155	-0.0266	-0.0222
820	MECHANIC (NEC)	133	-0.0448	-0.0079	-0.0165	-0.0039	0.0243	-0.0400	-0.0412	-0.0434	-0.0513	-0.0303
821	AUTO MECHANIC	112	-0.0374	-0.0270	-0.0298	-0.0249	0.0019	-0.0372	-0.0500	-0.0340	-0.0504	-0.0323
822	AIRPLANE MECHANIC	101	-0.0310	0.0161	0.0055	0.0102	0.0066	-0.0138	-0.0162	-0.0208	-0.0308	-0.0248
823	OFFICE MACH REPAIR	14	-0.0073	-0.0034	-0.0020	0.0072	-0.0019	0.0005	-0.0112	-0.0028	-0.0139	-0.0163
824	IND MACH REPAIR	28	-0.0062	0.0101	-0.0015	0.0151	-0.0021	-0.0143	-0.0189	-0.0115	-0.0139	-0.0145
828	MACHINIST	276	-0.0290	-0.0058	-0.0215	-0.0073	-0.0003	-0.0274	-0.0538	-0.0459	-0.0598	-0.0427
831	CABINET MAKER	11	-0.0181	-0.0093	0.0014	-0.0056	-0.0066	-0.0178	-0.0155	-0.0087	-0.0210	-0.0124
832	CARPENTER	63	-0.0333	-0.0049	-0.0004	0.0014	0.0138	-0.0357	-0.0295	-0.0327	-0.0322	-0.0201
833	METAL TRADES	119	-0.0402	-0.0053	-0.0018	-0.0009	0.0108	-0.0368	-0.0414	-0.0335	-0.0394	-0.0255
834	BRKLYR, MASON, PTR, RFR	66	-0.0423	-0.0218	-0.0004	-0.0109	0.0205	-0.0369	-0.0335	-0.0239	-0.0244	-0.0153
835	PLUMBER, PIPEFITTER	81	-0.0182	0.0087	0.0051	0.0126	0.0070	-0.0344	-0.0320	-0.0269	-0.0333	-0.0148
836	HEAVY EQUIP OP	42	-0.0249	-0.0093	-0.0083	-0.0067	-0.0065	-0.0199	-0.0292	-0.0231	-0.0283	-0.0234
837	MISC BLDG & CONST	43	-0.0261	-0.0046	-0.0038	-0.0077	-0.0059	-0.0189	-0.0253	-0.0198	-0.0327	-0.0220
838	MINING, QUARRYING, DRLNG	12	-0.0131	-0.0125	0.0058	-0.0034	0.0021	-0.0022	-0.0072	0.0139	0.0030	0.0134
841	PILOT	164	0.0092	0.0133	-0.0013	0.0057	-0.0045	0.0249	0.0116	0.0005	-0.0035	-0.0207
843	AIRPLANE NAVIGATOR	10	0.0059	0.0103	0.0020	0.0056	-0.0016	0.0068	0.0069	-0.0036	-0.0134	-0.0149
848	AIR TRAFFIC CONTROLLER	10	-0.0030	0.0068	0.0036	-0.0009	0.0181	0.0032	0.0004	-0.0031	0.0051	0.0103
851	MERCHANT MARINE OCC	14	-0.0128	0.0009	-0.0122	-0.0076	-0.0063	0.0096	0.0052	0.0042	-0.0001	-0.0127
852	RAILROAD OCCS	22	-0.0149	0.0082	0.0055	0.0018	0.0018	-0.0173	-0.0142	-0.0122	-0.0223	-0.0178
853	AUTO, BUS, TRUCK DRIVER	91	-0.0396	0.0015	-0.0123	-0.0127	0.0093	-0.0496	-0.0469	-0.0378	-0.0546	-0.0387
861	PRINTING TRADES	104	-0.0388	-0.0126	-0.0009	-0.0082	-0.0154	-0.0369	-0.0223	-0.0210	-0.0230	-0.0217
863	SURVEYOR	20	-0.0087	-0.0068	-0.0046	-0.0083	-0.0064	-0.0080	-0.0123	-0.0039	-0.0133	-0.0177
864	DRAFTSMAN	134	-0.0254	0.0078	0.0086	0.0164	0.0098	0.0029	-0.0212	-0.0278	-0.0315	-0.0247
865	PHOTOGRAPHY	37	-0.0228	0.0005	0.0031	0.0021	-0.0117	0.0095	0.0164	0.0046	0.0314	-0.0006
866	INTERIOR DECORATOR	8	-0.0270	-0.0053	0.0033	0.0034	-0.0014	0.0058	-0.0034	0.0036	-0.0018	-0.0075
867	LANDSCAPE ARCH	9	-0.0029	0.0011	0.0042	0.0059	0.0078	0.0005	0.0022	0.0003	0.0017	0.0043
881	FOOD & BEVERAGE PREP	20	-0.0187	-0.0064	0.0015	-0.0096	0.0015	-0.0018	0.0102	0.0019	0.0016	0.0107
885	BUTCHER, MEAT CUTTER	35	-0.0179	-0.0045	-0.0168	-0.0155	0.0033	-0.0204	-0.0186	-0.0238	-0.0130	-0.0091
891	MISC PERSONAL SERV	8	-0.0189	-0.0050	0.0006	0.0018	0.0161	0.0105	0.0155	0.0173	0.0139	0.0166
892	BARBER	29	-0.0247	-0.0047	-0.0121	-0.0173	-0.0004	-0.0387	-0.0184	-0.0006	-0.0124	-0.0028
893	HAIRDRESSER	18	-0.0168	-0.0043	0.0087	-0.0090	-0.0050	-0.0329	-0.0159	0.0031	0.0059	0.0034
899	GENERAL LABORER	314	-0.0500	-0.0102	-0.0234	-0.0244	0.0166	-0.0757	-0.0611	-0.0416	-0.0578	-0.0227

TABLE 4.1 (continued)

POINT BISERIAL CORRELATIONS

INTEREST INVENTORY (CONTD.)

#	GROUP	N	ARTISTIC P-706	MUSICAL P-707	SPORTS P-708	HUNTING & FISHING P-709	BUSINESS MGMT P-710	SALES P-711	COMPUTATION P-712	OFFICE WORK P-713	MECHANICAL-TECH P-714	SKILLED TRADES P-715
000	NO ANSWER	1765	0.0212	0.0298	-0.0158	0.0089	-0.0013	-0.0102	-0.0234	0.0160	0.0214	0.0356
001	DON'T KNOW	734	-0.0083	-0.0165	-0.0105	0.0130	-0.0037	0.0075	-0.0315	0.0030	0.0073	0.0274
101	EXECUTIVE (NEC)	59	-0.0041	0.0013	0.0064	-0.0022	0.0132	0.0102	0.0141	0.0044	-0.0076	-0.0100
102	FOREMAN (NEC)	193	-0.0137	-0.0177	0.0134	0.0272	0.0008	-0.0020	0.0025	0.0040	0.0197	0.0410
111	WORK FOR GOVT (NEC)	49	0.0051	0.0001	-0.0060	-0.0069	0.0065	0.0070	-0.0027	0.0086	-0.0145	-0.0032
112	IN BUS. FOR SELF (NEC)	255	-0.0099	-0.0245	-0.0046	0.0030	0.0091	0.0153	-0.0091	-0.0134	0.0123	0.0226
120	IND., BUS., COMM. (NEC)	161	-0.0137	-0.0002	0.0081	0.0057	0.0149	0.0148	-0.0067	-0.0039	-0.0157	-0.0217
121	RETAIL (NEC)	22	0.0029	-0.0080	-0.0078	0.0088	-0.0012	0.0074	0.0060	0.0063	-0.0196	-0.0055
122	TRANSPORTATION (NEC)	16	-0.0120	-0.0021	-0.0009	0.0025	0.0043	0.0045	0.0122	0.0080	-0.0019	0.0042
123	REAL ESTATE(NEC)	9	0.0078	0.0040	0.0075	0.0026	0.0080	0.0103	-0.0064	-0.0063	-0.0130	-0.0060
124	INSURANCE (NEC)	24	0.0082	0.0030	0.0056	-0.0047	0.0175	0.0266	0.0205	0.0209	0.0076	0.0112
125	ELECTRONICS (NEC)	113	0.0044	-0.0011	-0.0056	0.0074	-0.0165	-0.0162	-0.0065	0.0067	0.0523	0.0260
211	MATH., STAT.	42	0.0020	0.0046	0.0049	-0.0217	-0.0029	-0.0037	0.0242	0.0073	-0.0059	-0.0270
212	OTHER STATISTICS	10	-0.0036	-0.0235	0.0115	-0.0018	0.0017	-0.0045	0.0182	-0.0028	-0.0032	-0.0063
221	SYSTEMS ANALYST	55	-0.0112	-0.0130	0.0071	-0.0188	0.0068	-0.0000	0.0433	0.0062	0.0005	-0.0250
222	COMPUTER PROG.	173	-0.0052	-0.0009	0.0033	-0.0145	-0.0195	-0.0224	0.0170	0.0018	-0.0092	-0.0118
229	COMPUTER SPEC. (NEC)	38	0.0008	0.0068	0.0015	-0.0035	-0.0123	-0.0077	0.0169	-0.0008	0.0101	-0.0083
230	PHYS. SCI. (NEC)	16	0.0135	-0.0017	-0.0189	-0.0085	-0.0091	-0.0148	-0.0041	-0.0107	-0.0093	-0.0116
231	CHEMIST	93	-0.0166	-0.0102	0.0021	-0.0009	-0.0257	-0.0176	0.0068	-0.0219	0.0026	-0.0261
232	PHYSICIST	53	0.0082	0.0141	-0.0137	-0.0145	-0.0176	-0.0183	0.0182	-0.0068	0.0092	-0.0264
234	GEOLOGIST	22	-0.0003	-0.0116	-0.0067	0.0023	-0.0134	-0.0126	-0.0077	-0.0113	0.0012	-0.0125
240	ENGINEER (NEC)	248	0.0146	-0.0136	-0.0021	-0.0207	-0.0090	-0.0246	0.0283	-0.0241	0.0294	-0.0322
241	CIVIL ENGINEER	97	0.0139	0.0034	0.0049	-0.0017	-0.0068	-0.0106	0.0203	-0.0064	0.0171	-0.0094
242	ELEC. ENGINEER	234	0.0047	0.0054	-0.0248	-0.0221	-0.0198	-0.0333	0.0239	-0.0147	0.0544	-0.0251
243	MECH. ENGINEER	139	0.0111	-0.0120	0.0057	0.0011	-0.0161	-0.0254	0.0223	-0.0082	0.0495	-0.0040
244	AERONAUTICAL ENG.	46	0.0168	-0.0087	0.0077	-0.0031	-0.0078	-0.0236	0.0116	-0.0129	0.0224	-0.0094
245	CHEM. ENGINEER	48	0.0057	-0.0135	-0.0079	-0.0118	-0.0039	-0.0134	0.0089	-0.0045	0.0092	-0.0179
250	ARCHITECT	64	0.0601	0.0209	-0.0003	-0.0034	-0.0036	-0.0040	-0.0075	-0.0158	-0.0045	-0.0250
299	PHYS. SCI., LAB TECH.	100	-0.0012	-0.0094	0.0142	0.0088	0.0017	-0.0002	0.0029	0.0003	0.0178	0.0178
310	BIOLOGIST, ZOOLOGIST	48	0.0151	0.0044	0.0029	0.0263	-0.0131	-0.0203	-0.0156	-0.0100	-0.0015	-0.0023
313	SPEC. IN AGRIC. SCI.	33	-0.0099	0.0020	0.0115	0.0269	-0.0068	-0.0068	-0.0056	-0.0111	-0.0019	0.0017
314	WLDLF/FOREST SPEC.	43	-0.0057	-0.0071	0.0079	0.0426	-0.0170	-0.0193	-0.0161	-0.0085	-0.0076	0.0047
316	MICROBIOLOGIST	9	-0.0075	-0.0038	-0.0006	0.0114	-0.0058	0.0012	0.0057	-0.0113	-0.0045	-0.0169
317	BIOCHEMIST	10	0.0070	0.0124	-0.0090	-0.0048	-0.0185	-0.0174	-0.0097	-0.0128	0.0036	-0.0115
322	MD-SURGEON	8	-0.0071	-0.0068	-0.0148	-0.0108	-0.0102	-0.0130	0.0019	-0.0123	-0.0080	-0.0098
329	MD-OTHER	186	0.0152	0.0331	0.0132	-0.0271	-0.0063	-0.0208	0.0040	-0.0311	-0.0463	-0.0750
332	DENTIST	92	0.0122	0.0036	0.0159	-0.0020	0.0110	-0.0005	0.0054	-0.0034	-0.0275	-0.0346
333	VETERINARIAN	30	-0.0220	-0.0300	0.0182	0.0326	-0.0135	-0.0123	-0.0006	-0.0137	-0.0031	-0.0058
335	PHARMACIST	89	0.0105	0.0122	-0.0073	-0.0132	0.0092	0.0066	0.0250	0.0062	-0.0171	-0.0276
336	OPTOMETRIST	14	-0.0084	-0.0032	-0.0017	0.0068	-0.0123	-0.0027	-0.0019	-0.0054	-0.0174	-0.0173
337	RN	8	0.0024	0.0173	-0.0186	-0.0075	-0.0134	0.0038	-0.0119	-0.0104	-0.0160	-0.0040
345	CHIROPRACTOR	9	-0.0022	0.0053	0.0003	0.0056	0.0095	0.0103	0.0073	0.0014	-0.0007	-0.0037
347	MED/DENT TECHNOL.	15	-0.0089	-0.0019	-0.0034	0.0013	-0.0176	-0.0143	-0.0126	-0.0053	-0.0051	-0.0130
348	MED/DENT TECHNICIAN	31	-0.0158	0.0007	0.0013	-0.0012	-0.0011	0.0065	-0.0083	-0.0002	-0.0165	-0.0018
350	HOSPITAL ADMIN.	13	-0.0014	-0.0063	-0.0027	0.0081	0.0051	-0.0048	-0.0013	-0.0038	-0.0186	-0.0110
360	PSYCHOLOGIST	94	0.0183	0.0405	0.0013	-0.0135	-0.0059	-0.0131	-0.0034	-0.0172	-0.0385	-0.0445
370	SOCIAL WORKER	65	0.0239	0.0286	0.0129	-0.0098	0.0161	0.0092	0.0045	0.0061	-0.0205	-0.0139
372	COUNSELING/GUIDANCE	10	0.0271	0.0252	0.0036	0.0081	0.0091	0.0114	0.0021	0.0073	-0.0048	-0.0011
373	VOC/ED GUIDANCE	42	0.0199	0.0202	0.0059	-0.0241	0.0141	0.0182	0.0101	0.0021	-0.0184	-0.0148
382	ECONOMIST	32	0.0154	-0.0023	-0.0064	-0.0044	0.0112	0.0031	0.0072	-0.0096	-0.0173	-0.0232
389	SOC. SCI. (MISC)	31	0.0139	-0.0015	0.0023	-0.0012	0.0035	0.0096	0.0018	-0.0044	-0.0266	-0.0216
391	POLITICIAN	16	-0.0033	-0.0013	-0.0142	-0.0147	0.0079	0.0045	0.0002	0.0038	-0.0275	-0.0230
392	DIPLOMAT	21	0.0120	0.0078	0.0094	-0.0015	0.0031	-0.0004	-0.0007	-0.0078	-0.0098	-0.0116
393	LAWYER	342	0.0129	0.0270	0.0299	-0.0373	0.0671	0.0471	0.0208	-0.0286	-0.0953	-0.1050
394	MARKET ANALYST	15	0.0097	0.0025	0.0115	-0.0031	0.0102	0.0141	0.0029	-0.0053	-0.0041	-0.0124
397	PUBLIC ADM (NEC)	16	0.0111	0.0192	-0.0126	-0.0057	0.0049	0.0021	-0.0061	-0.0070	-0.0170	-0.0163
398	CITY PLANNER (NEC)	21	0.0235	0.0020	0.0031	-0.0094	0.0134	0.0011	0.0060	-0.0027	-0.0118	-0.0053
400	TEACHER (NEC)	478	0.0109	0.0157	0.0377	-0.0073	0.0079	0.0059	-0.0034	-0.0068	-0.0477	-0.0334
412	TEACHER-ELEM.	53	0.0174	0.0252	0.0181	0.0052	0.0099	0.0172	0.0250	0.0288	-0.0040	0.0023
420	TEACHER-HS (NEC)	98	0.0053	0.0097	0.0222	0.0000	0.0001	-0.0016	0.0011	-0.0010	-0.0191	-0.0109
421	TEACHER-HS MATH	65	0.0009	-0.0067	0.0270	0.0029	0.0047	-0.0126	0.0329	0.0043	-0.0032	-0.0106
422	TEACHER-HS SCIENCE	68	0.0018	0.0126	0.0019	0.0017	-0.0154	-0.0095	-0.0117	-0.0049	-0.0053	-0.0176
423	TEACHER-HS SOC. ST.	65	0.0099	0.0076	0.0244	0.0094	0.0199	0.0159	0.0116	0.0024	-0.0181	-0.0047
424	TEACHER-ENGLISH	33	0.0146	0.0344	-0.0126	-0.0230	0.0108	0.0150	0.0013	0.0051	-0.0332	-0.0233
425	TEACHER-FOR. LANG.	14	0.0051	0.0219	-0.0085	-0.0216	0.0065	0.0082	-0.0006	0.0161	-0.0278	-0.0142
426	TEACHER-COMM. ED.	14	0.0038	0.0092	0.0038	-0.0169	0.0137	0.0175	0.0294	0.0271	-0.0097	-0.0086
428	TEACHER-TRADES	50	0.0138	0.0005	0.0267	0.0197	0.0196	0.0039	0.0060	0.0085	0.0142	0.0065
429	TEACHER-PHYS. ED.	57	-0.0106	-0.0062	0.0435	0.0079	0.0010	0.0126	-0.0043	0.0013	-0.0153	-0.0056
431	TEACHER-ART	12	0.0464	0.0267	-0.0126	-0.0096	-0.0216	-0.0187	-0.0189	-0.0182	-0.0179	-0.0075
432	TEACHER-MUSIC	30	0.0243	0.0967	-0.0237	-0.0261	-0.0073	-0.0092	-0.0059	0.0122	-0.0280	-0.0222
440	TEACHER-HANDICAPPED	12	0.0208	0.0186	-0.0068	-0.0195	0.0111	0.0147	-0.0001	0.0059	-0.0218	-0.0132
450	SCH. ADMIN. (EXC. COLL.)	45	-0.0044	0.0206	0.0183	-0.0195	0.0163	0.0138	0.0036	-0.0126	-0.0391	-0.0379
460	COLL/UNIV TCHR (NEC)	214	0.0511	0.0575	-0.0085	-0.0363	0.0186	-0.0017	0.0059	-0.0089	-0.0656	-0.0549
461	COLL/UNIV TCHR-MATH	30	0.0091	0.0171	0.0050	-0.0159	-0.0020	-0.0069	0.0285	0.0031	-0.0140	-0.0282
462	COLL/UNIV TCHR-SCI	43	0.0172	0.0394	0.0083	0.0076	-0.0032	-0.0105	0.0169	0.0046	-0.0018	-0.0179
463	COLL/UNIV TCHR-SOC SCI	81	0.0139	0.0252	0.0034	-0.0252	0.0184	0.0153	-0.0046	-0.0192	-0.0575	-0.0513
464	COLL/UNIV TCHR-ENGLISH	44	0.0156	0.0250	-0.0163	-0.0250	0.0000	-0.0027	-0.0148	-0.0230	-0.0424	-0.0447
470	COLL/UNIV TCHR-ADM	13	0.0056	0.0128	0.0128	-0.0065	0.0166	0.0094	-0.0022	0.0047	-0.0144	-0.0087
511	LIBRARIAN	9	0.0212	0.0301	-0.0234	-0.0198	0.0132	0.0100	0.0027	0.0109	-0.0212	-0.0161
521	CLERGYMAN	177	0.0258	0.0556	-0.0205	-0.0381	-0.0130	-0.0136	-0.0043	0.0206	-0.0638	-0.0403
523	RELIGIOUS WORKER (OTHER)	23	0.0081	0.0191	0.0084	-0.0007	-0.0121	-0.0085	0.0108	0.0145	-0.0018	0.0054
531	WRITER (NEC)	21	0.0188	0.0054	-0.0093	-0.0054	0.0036	0.0003	0.0030	0.0017	-0.0107	0.0004
534	JOURNALIST/REPORTER	43	-0.0074	0.0161	-0.0041	-0.0305	-0.0142	-0.0142	-0.0126	-0.0046	-0.0441	-0.0323
537	EDITOR	10	-0.0036	0.0087	-0.0044	-0.0238	0.0045	0.0090	-0.0043	-0.0081	-0.0233	-0.0203
541	FINE ARTS	22	0.0649	0.0134	-0.0067	-0.0004	-0.0146	-0.0124	-0.0220	-0.0167	-0.0139	-0.0125
545	COMM ARTIST	54	0.0954	0.0139	-0.0016	0.0042	-0.0104	-0.0092	-0.0306	-0.0049	-0.0033	0.0047
547	DESIGNER (CONS GOODS)	14	0.0021	0.0027	-0.0044	0.0068	0.0005	0.0018	-0.0156	-0.0017	0.0045	0.0018
551	MUSICIAN	17	0.0085	0.0723	-0.0165	-0.0267	-0.0164	-0.0120	-0.0099	0.0021	-0.0328	-0.0194

TABLE 4.1 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INTEREST INVENTORY (CONTD.)									
			ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION	OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES
			P-706	P-707	P-708	P-709	P-710	P-711	P-712	P-713	P-714	P-715
571	ACTOR	11	0.0162	0.0282	-0.0070	-0.0137	0.0010	0.0015	-0.0136	-0.0100	-0.0219	-0.0136
575	THEATRE (OTHER)	25	0.0145	0.0215	-0.0247	-0.0161	-0.0007	0.0058	-0.0127	-0.0075	-0.0292	-0.0227
578	RADIO/TV ANNOUN.	23	-0.0149	-0.0090	-0.0136	-0.0157	-0.0020	-0.0062	-0.0145	-0.0027	-0.0240	-0.0197
579	MISC PERF ARTS	10	-0.0036	0.0047	-0.0115	-0.0286	0.0013	-0.0015	-0.0135	-0.0038	0.0016	-0.0030
611	PRO ATHLETE	12	-0.0008	-0.0126	0.0137	-0.0133	0.0085	0.0182	0.0109	0.0080	-0.0174	-0.0065
612	PRO ATHLETICS (AUX)	10	-0.0152	-0.0057	0.0104	0.0091	-0.0015	-0.0045	-0.0084	-0.0121	-0.0061	-0.0041
621	RECREATION DIR.	14	0.0008	0.0046	0.0233	0.0141	0.0032	0.0005	-0.0001	0.0172	-0.0032	0.0024
623	FRSTRY, HUNT, TRAP	22	-0.0162	-0.0143	-0.0197	0.0226	-0.0320	-0.0169	-0.0303	-0.0176	0.0003	0.0127
631	FARM/RANCH OWNER	123	-0.0385	-0.0428	0.0000	0.0371	-0.0189	-0.0092	-0.0198	0.0036	0.0336	0.0543
632	FARM/RANCH MGR	8	-0.0091	-0.0145	0.0075	0.0132	-0.0039	-0.0126	-0.0080	-0.0152	0.0097	0.0088
639	FARMING (OTHER)	204	-0.0611	-0.0445	-0.0275	0.0259	-0.0517	-0.0203	-0.0296	-0.0068	0.0178	0.0572
640	MILITARY (RANK NOT IND)	51	0.0130	0.0085	0.0140	0.0089	0.0042	0.0053	0.0028	0.0097	0.0177	0.0160
641	MILITARY-ENLISTED	27	-0.0011	0.0081	-0.0017	0.0110	0.0046	-0.0062	-0.0081	0.0088	0.0181	0.0227
642	MILITARY-OFFICER	111	0.0115	0.0164	0.0160	0.0049	0.0100	0.0054	0.0090	-0.0038	-0.0054	-0.0192
650	INTELLIGENCE-CIA, ETC.	15	-0.0135	0.0001	0.0029	-0.0023	-0.0017	-0.0038	0.0058	-0.0017	-0.0133	-0.0094
661	POLICE (PUBLIC)	188	-0.0407	-0.0188	-0.0005	0.0103	-0.0136	-0.0247	-0.0245	-0.0178	-0.0149	0.0068
666	FIREMAN	43	-0.0104	-0.0133	-0.0041	0.0087	-0.0115	-0.0033	-0.0021	0.0029	0.0040	0.0182
669	OTHER PROTECTIVE	19	-0.0091	0.0115	0.0100	0.0104	-0.0012	0.0058	0.0015	0.0043	-0.0085	0.0072
711A	BANKING & FINANCE, I	66	-0.0122	-0.0057	-0.0086	-0.0064	0.0080	0.0183	0.0123	0.0111	-0.0184	-0.0019
711B	BANKING & FINANCE, II	114	0.0006	-0.0101	-0.0004	-0.0263	0.0195	0.0129	0.0199	-0.0060	-0.0357	-0.0275
712	INVSTMNT,STOCK CONSULT	15	0.0027	-0.0015	-0.0006	-0.0074	0.0119	0.0126	0.0052	-0.0102	-0.0102	-0.0184
716	CPA	167	-0.0248	-0.0178	-0.0032	-0.0230	0.0206	0.0192	0.0842	0.0292	-0.0288	-0.0334
717	ACCTANT (EXC CPA)	329	-0.0269	-0.0216	-0.0023	-0.0421	0.0303	0.0273	0.0960	0.0647	-0.0250	-0.0158
721	PURCHASING AGENT	40	-0.0123	-0.0089	0.0242	-0.0021	0.0154	0.0183	0.0279	0.0146	0.0064	0.0026
722	RETAIL BUYER	10	-0.0007	-0.0035	-0.0078	-0.0005	-0.0022	-0.0015	0.0065	-0.0054	-0.0152	-0.0152
723	EFFICIENCY EXPERT	130	0.0051	-0.0021	0.0063	-0.0004	0.0154	0.0147	0.0203	-0.0015	0.0182	-0.0119
724	ADVERTISING	30	0.0215	0.0064	0.0054	-0.0197	0.0013	0.0173	-0.0160	-0.0142	-0.0351	-0.0293
725	PUBLIC RELATIONS	44	0.0081	0.0147	0.0093	-0.0151	0.0248	0.0241	0.0061	0.0055	-0.0198	-0.0119
726	PERSONNEL ADMIN	72	0.0034	0.0030	0.0121	-0.0058	0.0101	0.0049	-0.0033	-0.0023	-0.0274	-0.0310
727	APPRAISING/ESTIMATING	35	0.0007	0.0219	0.0031	0.0085	0.0122	0.0103	0.0095	0.0129	0.0001	0.0060
728	LOAN/CREDIT INVESTIG	27	0.0011	-0.0030	0.0040	-0.0005	0.0072	0.0004	-0.0074	-0.0134	-0.0132	-0.0149
730	BUS MGMT/ADMIN (NEC)	514	0.0028	-0.0187	0.0241	0.0035	0.0443	0.0339	0.0257	0.0023	-0.0129	-0.0218
731	MFG MGMT	55	0.0096	0.0046	0.0157	0.0088	0.0103	0.0058	-0.0009	-0.0018	0.0146	0.0024
732	WHSL/RET TRADE MGMT/MKTG	204	-0.0064	-0.0045	0.0104	-0.0084	0.0331	0.0365	0.0147	0.0149	-0.0111	-0.0145
738	SUPERVISOR IN BUS	53	0.0010	-0.0075	0.0045	0.0159	-0.0015	0.0130	-0.0005	0.0189	0.0211	0.0327
741	SALESCLERK	27	-0.0063	-0.0032	-0.0068	-0.0024	0.0053	0.0093	-0.0151	-0.0020	-0.0107	-0.0039
743	STOCKBROKER	17	0.0123	-0.0036	0.0152	0.0034	0.0268	0.0223	0.0030	0.0006	-0.0115	-0.0120
745	REAL EST SLSMAN	24	-0.0124	-0.0139	-0.0069	-0.0074	0.0074	0.0138	-0.0096	-0.0091	-0.0120	-0.0063
746	INSURANCE SLSMAN	69	-0.0076	-0.0022	0.0182	0.0091	0.0142	0.0223	0.0012	-0.0022	-0.0190	-0.0037
747	AUTO SLSMAN	11	0.0029	-0.0083	-0.0149	-0.0250	-0.0081	0.0084	-0.0036	0.0046	-0.0015	0.0086
748	OTHER SLSMAN (NEC)	327	0.0048	0.0013	0.0081	0.0005	0.0403	0.0568	0.0075	-0.0022	-0.0239	-0.0108
749	SALES MGR	63	0.0083	-0.0041	-0.0056	-0.0108	0.0180	0.0302	0.0097	-0.0103	-0.0208	-0.0196
751	BOOKKEEPER	12	0.0057	0.0084	0.0069	0.0061	0.0085	0.0185	0.0230	0.0175	0.0095	0.0209
755	MISC ACCT RECDG	13	-0.0130	-0.0167	0.0001	-0.0003	-0.0073	-0.0040	-0.0088	-0.0009	-0.0084	0.0023
758	COMPUTER OPERATOR	97	-0.0125	-0.0026	-0.0042	-0.0122	-0.0022	-0.0029	0.0062	0.0145	-0.0087	-0.0076
769	CLERK (MISC)	23	-0.0124	-0.0106	-0.0017	0.0020	-0.0004	-0.0028	0.0027	0.0194	0.0039	0.0113
772	OFFICE MGR	21	-0.0079	-0.0129	-0.0142	-0.0001	0.0041	0.0007	0.0148	0.0167	-0.0109	0.0016
789	OTHER "PUB CONTACT" OCCS	10	-0.0172	-0.0017	-0.0149	-0.0303	0.0017	-0.0021	0.0119	0.0123	-0.0126	-0.0074
791	RADIO, TELEGR, TTY OP	16	-0.0050	-0.0011	-0.0007	-0.0019	0.0110	0.0040	0.0042	0.0020	0.0055	0.0110
796	MAIL CARRIER	20	0.0018	-0.0035	0.0044	0.0006	0.0009	-0.0028	0.0027	0.0141	0.0135	0.0199
797	MISC CLERICAL	108	-0.0078	0.0120	0.0092	0.0123	0.0049	0.0174	0.0062	0.0339	0.0180	0.0448
798	MISC ADMINISTRATIVE	59	-0.0041	0.0005	0.0097	0.0007	0.0111	0.0058	0.0048	0.0040	-0.0184	-0.0084
810	ELECTRICIAN	211	-0.0159	-0.0214	0.0014	0.0321	-0.0179	-0.0127	-0.0229	-0.0034	0.0592	0.0482
811	ELECTRONIC TECHNICIAN	258	-0.0213	-0.0239	-0.0353	0.0087	-0.0455	-0.0374	-0.0177	-0.0125	0.0510	0.0180
812	APPLIANCE REPAIR	51	-0.0105	-0.0185	-0.0183	0.0057	-0.0215	-0.0165	-0.0153	0.0032	0.0366	0.0245
813	PHONE INSTALL & REPAIR	53	-0.0118	-0.0202	-0.0064	0.0113	-0.0039	-0.0071	-0.0179	0.0044	0.0332	0.0305
814	REPAIR AND SERV COMP	40	-0.0054	-0.0162	-0.0074	0.0074	-0.0128	-0.0101	0.0114	0.0000	0.0319	0.0121
820	MECHANIC (NEC)	133	-0.0220	-0.0306	-0.0394	0.0176	-0.0339	-0.0100	-0.0358	-0.0119	0.0574	0.0665
821	AUTO MECHANIC	112	-0.0276	-0.0182	-0.0292	0.0137	-0.0324	-0.0149	-0.0254	-0.0022	0.0679	0.0554
822	AIRPLANE MECHANIC	101	-0.0124	-0.0118	-0.0104	0.0222	-0.0140	-0.0078	-0.0290	-0.0089	0.0489	0.0385
823	OFFICE MACH REPAIR	14	-0.0121	-0.0049	-0.0234	0.0008	-0.0108	-0.0137	-0.0001	-0.0034	0.0160	0.0140
824	IND MACH REPAIR	28	-0.0025	-0.0057	-0.0031	0.0116	-0.0102	-0.0053	-0.0065	0.0031	0.0244	0.0235
828	MACHINIST	276	-0.0162	-0.0327	-0.0032	0.0397	-0.0190	-0.0217	-0.0301	-0.0135	0.0884	0.0741
831	CABINET MAKER	11	0.0046	-0.0057	-0.0027	0.0097	-0.0132	-0.0174	-0.0169	-0.0116	-0.0018	0.0079
832	CARPENTER	63	-0.0045	-0.0143	-0.0106	0.0204	-0.0158	-0.0088	-0.0215	0.0065	0.0290	0.0475
833	METAL TRADES	119	-0.0235	-0.0235	-0.0094	0.0167	-0.0155	-0.0158	-0.0218	0.0145	0.0487	0.0623
834	BRKLYR, MASON, PTR, RFR	66	-0.0079	-0.0173	-0.0143	0.0112	-0.0083	-0.0023	-0.0114	0.0110	0.0344	0.0457
835	PLUMBER, PIPEFITTER	81	-0.0202	-0.0244	-0.0064	0.0140	-0.0026	-0.0136	-0.0156	0.0022	0.0297	0.0400
836	HEAVY EQUIP OP	42	-0.0212	-0.0220	-0.0080	0.0126	-0.0160	-0.0194	-0.0221	-0.0069	0.0167	0.0240
837	MISC BLDG & CONST	43	-0.0176	-0.0290	-0.0150	0.0154	-0.0187	-0.0177	-0.0267	-0.0145	0.0293	0.0340
838	MINING, QUARRYING, DRLNG	12	-0.0084	-0.0015	0.0186	0.0179	0.0062	-0.0004	-0.0033	0.0077	0.0119	0.0185
841	PILOT	164	-0.0117	-0.0039	0.0100	0.0108	-0.0091	-0.0182	-0.0162	-0.0186	-0.0042	-0.0278
843	AIRPLANE NAVIGATOR	10	-0.0101	-0.0047	0.0058	0.0046	-0.0047	-0.0168	-0.0068	-0.0104	-0.0126	-0.0211
848	AIR TRAFFIC CONTROLLER	10	0.0032	-0.0003	0.0035	0.0030	0.0013	-0.0027	0.0100	0.0009	0.0071	0.0011
851	MERCHANT MARINE OCC	14	-0.0069	-0.0197	0.0110	0.0196	0.0017	-0.0015	-0.0089	-0.0099	0.0086	0.0121
852	RAILROAD OCCS	22	-0.0196	-0.0126	-0.0007	0.0061	-0.0069	-0.0019	-0.0036	0.0057	0.0047	0.0137
853	AUTO, BUS, TRUCK DRIVER	91	-0.0296	-0.0247	-0.0143	0.0109	-0.0279	-0.0283	-0.0390	-0.0194	0.0228	0.0401
861	PRINTING TRADES	104	-0.0156	-0.0085	0.0005	0.0142	-0.0106	-0.0114	-0.0089	0.0061	0.0236	0.0495
863	SURVEYOR	20	-0.0060	-0.0039	-0.0056	0.0072	-0.0019	-0.0030	-0.0045	0.0089	0.0108	0.0149
864	DRAFTSMAN	134	0.0323	-0.0018	-0.0112	0.0067	-0.0128	0.0044	-0.0144	0.0050	0.0411	0.0316
865	PHOTOGRAPHY	37	0.0378	0.0207	-0.0098	0.0048	0.0037	0.0069	-0.0017	0.0048	0.0071	0.0031
866	INTERIOR DECORATOR	8	0.0216	0.0071	-0.0085	0.0047	0.0100	-0.0026	-0.0038	0.0139	0.0072	0.0063
867	LANDSCAPE ARCH	9	0.0196	-0.0075	0.0156	0.0117	-0.0006	0.0024	-0.0100	-0.0021	0.0020	0.0053
881	FOOD & BEVERAGE PREP	20	0.0051	-0.0019	-0.0060	-0.0055	0.0041	0.0199	0.0085	0.0193	0.0099	0.0293
885	BUTCHER, MEAT CUTTER	35	-0.0156	-0.0109	0.0077	0.0160	-0.0058	0.0113	0.0001	0.0059	0.0114	0.0339
891	MISC PERSONAL SERV	8	0.0196	0.0157	-0.0065	0.0024	0.0230	0.0176	0.0143	0.0221	0.0112	0.0166
892	BARBER	29	-0.0173	-0.0014	-0.0184	-0.0005	-0.0110	0.0100	-0.0095	-0.0007	-0.0049	0.0141
893	HAIRDRESSER	18	0.0157	0.0261	-0.0265	-0.0282	-0.0037	-0.0039	-0.0033	0.0115	-0.0266	-0.0093
899	GENERAL LABORER	314	-0.0419	-0.0232	-0.0012	0.0270	-0.0167	0.0000	-0.0262	0.0134	0.0356	0.0826

TABLE 4.1 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INT. INV. (CONTD)		STUDENT ACTIVITIES INVENTORY							
			FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS	CULTURE	LEADERSHIP
			P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606	R-607	R-608
000	NO ANSWER	1766	0.0009	0.0358	-0.0197	-0.0047	-0.0044	-0.0261	-0.0216	-0.0100	-0.0074	-0.0143
001	DON'T KNOW	734	0.0116	0.0354	-0.0401	-0.0426	-0.0191	-0.0361	-0.0457	-0.0562	-0.0507	-0.0366
101	EXECUTIVE (NEC)	59	-0.0046	-0.0139	0.0135	0.0150	0.0023	0.0177	0.0099	0.0162	0.0154	0.0113
102	FOREMAN (NEC)	103	0.0263	0.0380	0.0070	-0.0129	-0.0044	0.0023	-0.0105	0.0013	-0.0093	-0.0130
111	WORK FOR GOVT (NEC)	49	-0.0106	-0.0030	0.0032	-0.0022	0.0059	-0.0120	-0.0096	0.0051	0.0057	0.0080
112	IN BUS. FOR SELF (NEC)	255	0.0055	0.0215	0.0070	-0.0061	0.0067	0.0013	-0.0080	-0.0181	-0.0259	0.0043
120	IND., BUS., COMM. (NEC)	161	-0.0060	-0.0128	0.0192	0.0063	0.0080	0.0071	0.0023	0.0087	0.0079	0.0013
121	RETAIL (NEC)	22	-0.0019	0.0001	0.0025	0.0009	0.0043	0.0004	0.0073	0.0054	-0.0066	-0.0127
122	TRANSPORTATION (NEC)	16	0.0021	0.0043	-0.0048	-0.0185	0.0098	-0.0057	-0.0043	-0.0142	-0.0133	0.0058
123	REAL ESTATE(NEC)	9	0.0026	-0.0107	0.0071	0.0105	0.0057	0.0047	0.0068	-0.0065	-0.0010	-0.0065
124	INSURANCE (NEC)	24	0.0044	0.0098	0.0035	0.0011	-0.0114	-0.0090	0.0090	0.0064	0.0068	0.0000
125	ELECTRONICS (NEC)	113	0.0097	0.0222	-0.0212	-0.0209	-0.0054	0.0010	-0.0150	-0.0165	-0.0246	-0.0249
211	MATH., STAT.	42	-0.0313	-0.0282	-0.0115	-0.0010	-0.0057	-0.0007	-0.0020	0.0019	0.0042	0.0057
212	OTHER STATISTICS	10	-0.0032	-0.0026	0.0036	-0.0051	0.0071	0.0069	-0.0012	0.0016	-0.0018	-0.0014
221	SYSTEMS ANALYST	56	-0.0136	-0.0132	0.0151	0.0106	0.0023	0.0072	0.0121	0.0191	0.0117	0.0250
222	COMPUTER PROG.	173	-0.0329	-0.0064	-0.0194	-0.0055	-0.0030	-0.0071	-0.0060	0.0022	-0.0178	-0.0115
229	COMPUTER SPEC. (NEC)	38	-0.0192	-0.0119	0.0011	0.0044	0.0146	-0.0028	0.0027	0.0056	0.0011	-0.0002
230	PHYS. SCI. (NEC)	16	-0.0086	0.0017	-0.0152	0.0012	0.0021	0.0098	0.0022	-0.0106	0.0033	-0.0131
231	CHEMIST	93	-0.0166	-0.0300	-0.0225	-0.0003	-0.0207	-0.0035	0.0015	0.0101	-0.0059	-0.0072
232	PHYSICIST	53	-0.0203	-0.0311	-0.0296	0.0036	-0.0062	0.0057	0.0342	0.0114	0.0040	0.0113
234	GEOLOGIST	22	0.0018	-0.0136	-0.0124	-0.0014	-0.0001	0.0062	0.0011	0.0005	-0.0006	-0.0053
240	ENGINEER (NEC)	248	-0.0308	-0.0370	-0.0024	0.0049	-0.0051	0.0275	0.0458	0.0272	0.0076	0.0183
241	CIVIL ENGINEER	97	0.0065	-0.0142	-0.0169	0.0090	-0.0197	0.0117	0.0200	0.0047	-0.0090	-0.0002
242	ELEC. ENGINEER	234	-0.0311	-0.0412	-0.0165	0.0022	-0.0081	-0.0041	0.0163	0.0060	-0.0107	-0.0033
243	MECH. ENGINEER	139	-0.0115	-0.0078	-0.0000	0.0100	-0.0088	0.0100	0.0218	0.0215	-0.0046	-0.0020
244	AERONAUTICAL ENG.	40	-0.0072	-0.0188	-0.0109	0.0050	-0.0253	0.0139	0.0253	0.0224	0.0107	0.0037
245	CHEM. ENGINEER	48	-0.0242	-0.0278	-0.0103	0.0000	-0.0059	0.0069	0.0132	0.0145	-0.0049	0.0059
250	ARCHITECT	64	-0.0171	-0.0283	-0.0043	0.0033	-0.0168	0.0016	-0.0022	0.0109	0.0231	-0.0007
299	PHYS. SCI., LAB TECH.	100	0.0116	0.0161	-0.0006	-0.0037	0.0016	-0.0152	-0.0040	-0.0087	-0.0212	-0.0160
310	BIOLOGIST, ZOOLOGIST	48	0.0126	-0.0028	-0.0139	-0.0010	-0.0061	-0.0026	0.0099	-0.0043	0.0051	-0.0025
313	SPEC. IN AGRIC. SCI.	33	0.0488	0.0048	-0.0050	-0.0110	-0.0085	0.0163	0.0061	-0.0060	-0.0038	0.0067
314	WLDLF/FOREST SPEC.	43	0.0452	-0.0038	-0.0094	0.0059	0.0108	0.0212	0.0092	0.0013	-0.0053	-0.0001
316	MICROBIOLOGIST	9	-0.0086	-0.0166	0.0061	0.0236	0.0177	0.0162	0.0133	0.0137	0.0117	0.0090
317	BIOCHEMIST	10	0.0020	-0.0102	-0.0052	-0.0006	-0.0155	-0.0126	0.0080	-0.0057	0.0004	-0.0124
322	MD-SURGEON	8	-0.0236	-0.0090	-0.0039	-0.0048	0.0042	0.0035	0.0148	0.0006	0.0048	0.0103
329	MD-OTHER	186	-0.0318	-0.0795	0.0156	0.0512	0.0067	0.0290	0.0396	0.0395	0.0431	0.0676
332	DENTIST	92	-0.0325	-0.0336	0.0315	0.0346	-0.0070	0.0248	0.0323	0.0375	0.0374	0.0424
333	VETERINARIAN	30	0.0504	-0.0165	-0.0060	-0.0037	-0.0026	0.0092	0.0020	0.0002	-0.0051	0.0178
335	PHARMACIST	89	-0.0296	-0.0272	0.0060	0.0184	-0.0001	0.0083	0.0182	0.0281	0.0188	0.0103
336	OPTOMETRIST	14	0.0054	-0.0180	0.0202	0.0020	0.0158	0.0020	0.0067	0.0062	0.0077	0.0199
337	RN	8	-0.0024	-0.0153	-0.0187	-0.0023	-0.0048	-0.0129	0.0010	-0.0024	-0.0026	-0.0082
345	CHIROPRACTOR	9	-0.0023	-0.0120	0.0210	0.0141	0.0040	0.0137	0.0068	0.0040	0.0129	0.0032
347	MED/DENT TECHNOL.	15	-0.0012	-0.0083	-0.0089	-0.0197	0.0021	-0.0089	-0.0099	0.0027	-0.0059	-0.0084
348	MED/DENT TECHNICIAN	31	0.0037	-0.0045	-0.0071	-0.0051	-0.0025	-0.0034	-0.0176	-0.0135	-0.0086	0.0036
350	HOSPITAL ADMIN.	13	-0.0047	-0.0095	-0.0003	0.0073	-0.0006	0.0160	-0.0007	0.0092	0.0126	0.0067
360	PSYCHOLOGIST	94	-0.0380	-0.0471	-0.0020	0.0240	0.0179	0.0054	0.0185	0.0085	0.0126	0.0186
370	SOCIAL WORKER	65	-0.0126	-0.0099	0.0032	0.0178	0.0093	0.0093	0.0029	-0.0001	0.0087	0.0070
372	COUNSELING/GUIDANCE	10	0.0030	0.0002	0.0133	0.0028	0.0023	0.0131	0.0080	0.0108	0.0136	0.0171
373	VOC/ED GUIDANCE	42	-0.0125	-0.0163	0.0183	0.0227	-0.0120	0.0071	0.0156	0.0206	0.0333	0.0218
382	ECONOMIST	32	-0.0102	-0.0214	0.0041	0.0156	0.0030	0.0001	0.0002	-0.0018	0.0157	-0.0020
389	SOC. SCI. (MISC)	31	-0.0113	-0.0229	-0.0006	0.0103	0.0104	-0.0069	0.0151	0.0176	0.0277	0.0119
391	POLITICIAN	16	-0.0209	-0.0163	0.0099	0.0075	0.0072	0.0001	-0.0076	-0.0027	0.0094	0.0000
392	DIPLOMAT	21	-0.0027	-0.0026	-0.0051	0.0176	-0.0012	0.0122	0.0114	0.0121	0.0228	0.0065
393	LAWYER	342	-0.0661	-0.0861	0.0467	0.0595	0.0191	0.0388	0.0551	0.0475	0.0698	0.0889
394	MARKET ANALYST	15	-0.0031	-0.0161	0.0120	-0.0086	0.0101	0.0050	-0.0015	0.0013	-0.0005	0.0051
397	PUBLIC ADM (NEC)	16	-0.0217	-0.0096	0.0008	0.0092	-0.0017	0.0088	0.0127	0.0067	0.0225	0.0131
398	CITY PLANNER (NEC)	21	0.0004	-0.0095	-0.0020	0.0059	0.0088	-0.0005	0.0142	0.0051	0.0113	0.0180
400	TEACHER (NEC)	478	0.0024	-0.0259	0.0207	0.0209	0.0036	0.0314	0.0012	0.0097	0.0212	0.0344
412	TEACHER-ELEM.	53	-0.0044	-0.0016	0.0119	0.0080	0.0051	-0.0002	0.0006	0.0173	0.0088	-0.0023
420	TEACHER-HS (NEC)	98	0.0001	-0.0068	0.0136	0.0132	-0.0087	0.0206	0.0105	0.0069	0.0127	0.0085
421	TEACHER-HS MATH	65	-0.0029	-0.0073	0.0011	-0.0040	-0.0135	0.0141	0.0057	0.0002	0.0040	0.0106
422	TEACHER-HS SCIENCE	68	0.0032	-0.0158	-0.0174	-0.0139	-0.0088	-0.0072	-0.0180	-0.0167	-0.0162	-0.0081
423	TEACHER-HS SOC. ST.	85	0.0086	-0.0056	-0.0032	0.0058	-0.0025	-0.0001	-0.0012	0.0010	-0.0012	0.0115
424	TEACHER-ENGLISH	38	-0.0262	-0.0215	0.0033	0.0114	-0.0020	-0.0034	0.0027	0.0112	0.0113	0.0111
425	TEACHER-FOR. LANG.	14	-0.0164	-0.0109	0.0023	0.0048	-0.0060	0.0020	-0.0011	0.0001	0.0049	0.0027
426	TEACHER-COMM. ED.	14	-0.0023	-0.0004	0.0210	0.0039	-0.0142	-0.0021	0.0015	0.0055	0.0086	0.0105
428	TEACHER-TRADES	50	0.0208	-0.0034	0.0172	0.0083	-0.0086	0.0265	0.0262	0.0126	0.0147	0.0143
429	TEACHER-PHYS. ED.	57	0.0090	0.0002	0.0148	-0.0034	-0.0241	0.0158	-0.0012	-0.0015	-0.0045	-0.0049
431	TEACHER-ART	12	-0.0065	-0.0091	0.0041	0.0121	0.0214	0.0076	0.0082	0.0124	0.0290	0.0059
432	TEACHER-MUSIC	30	-0.0215	-0.0175	0.0001	0.0074	-0.0035	-0.0056	-0.0075	0.0012	0.0255	-0.0002
440	TEACHER-HANDICAPPED	12	-0.0094	-0.0076	0.0114	0.0152	0.0052	0.0031	0.0035	0.0116	0.0109	0.0042
450	SCH. ADMIN. (EXC. COLL.)	45	-0.0224	-0.0249	0.0295	0.0262	0.0007	0.0277	0.0158	0.0258	0.0284	0.0358
460	COLL/UNIV TCHR (NEC)	214	-0.0373	-0.0487	0.0069	0.0419	0.0105	0.0177	0.0346	0.0105	0.0487	0.0473
461	COLL/UNIV TCHR-MATH	30	-0.0301	-0.0223	-0.0299	-0.0004	-0.0212	-0.0063	0.0109	0.0018	0.0032	0.0083
462	COLL/UNIV TCHR-SCI	48	-0.0030	-0.0147	-0.0002	0.0114	0.0037	0.0097	0.0211	0.0007	0.0051	0.0236
463	COLL/UNIV TCHR-SOC SCI	81	-0.0315	-0.0429	0.0088	0.0304	0.0036	0.0041	0.0267	0.0141	0.0396	0.0303
464	COLL/UNIV TCHR-ENGLISH	44	-0.0305	-0.0394	-0.0045	0.0224	-0.0094	0.0082	0.0005	0.0194	0.0344	0.0198
470	COLL/UNIV TCHR-ADM	13	0.0074	0.0010	0.0136	0.0123	-0.0021	0.0042	0.0092	-0.0036	0.0087	0.0261
511	LIBRARIAN	9	-0.0135	-0.0204	-0.0050	0.0081	-0.0215	-0.0069	0.0036	0.0233	0.0304	-0.0046
521	CLERGYMAN	177	-0.0236	-0.0405	-0.0004	0.0469	-0.0075	0.0106	0.0358	0.0380	0.0681	0.0241
523	RELIGIOUS WORKER (OTHER)	23	0.0033	0.0117	-0.0019	0.0044	-0.0011	-0.0028	-0.0088	-0.0034	0.0075	-0.0020
531	WRITER (NEC)	21	-0.0118	0.0032	0.0010	-0.0019	0.0032	-0.0022	-0.0078	0.0032	0.0106	0.0154
534	JOURNALIST/REPORTER	43	-0.0270	-0.0269	-0.0022	0.0004	-0.0087	0.0112	-0.0081	0.0017	0.0075	-0.0099
537	EDITOR	10	-0.0173	-0.0142	0.0010	0.0084	0.0007	0.0082	0.0132	0.0016	0.0070	0.0152
541	FINE ARTS	22	-0.0109	-0.0222	0.0007	0.0162	0.0097	-0.0078	-0.0066	0.0023	0.0224	-0.0003
545	COMM ARTIST	54	-0.0117	-0.0084	-0.0158	0.0082	-0.0130	-0.0012	0.0177	0.0068	0.0107	-0.0081
547	DESIGNER (CONS GOODS)	14	0.0030	-0.0021	0.0113	0.0048	-0.0033	0.0092	0.0076	0.0116	0.0096	-0.0004
551	MUSICIAN	17	-0.0233	-0.0048	0.0032	0.0061	0.0046	0.0039	0.0088	0.0139	0.0220	0.0150

TABLE 4.1 (continued)

			POINT BISERIAL CORRELATIONS									
			INT. INV. (CONTD)		STUDENT ACTIVITIES INVENTORY							
#	GROUP	N	FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS	CULTURE	LEADERSHIP
			P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606	R-607	R-608
571	ACTOR	11	-0.0080	-0.0140	0.0157	0.0131	0.0192	0.0020	-0.0086	0.0012	0.0101	0.0033
575	THEATRE (OTHER)	25	-0.0127	-0.0199	0.0155	0.0087	0.0082	0.0075	0.0130	-0.0038	0.0194	0.0077
578	RADIO/TV ANNOUN.	23	-0.0096	-0.0104	-0.0007	-0.0098	0.0064	-0.0100	-0.0095	-0.0022	-0.0034	-0.0020
579	MISC PERF ARTS	10	-0.0206	-0.0002	0.0045	0.0028	0.0039	-0.0053	0.0060	-0.0020	0.0015	-0.0069
611	PRO ATHLETE	12	-0.0079	-0.0036	0.0098	0.0101	0.003[illegible]	0.0121	0.0026	0.0025	0.0038	0.0143
612	PRO ATHLETICS (AUX)	10	0.0087	-0.0046	0.0124	-0.0029	0.0007	0.0094	0.0029	-0.0011	0.0004	0.0042
621	RECREATION DIR.	14	0.0142	0.0043	0.0016	0.0039	-0.0142	0.0103	0.0076	-0.0038	0.0002	0.0105
623	FRSTRY, HUNT, TRAP	22	0.0391	0.0171	-0.0356	-0.0105	-0.0131	-0.0144	-0.0135	-0.0106	-0.0103	-0.0127
631	FARM/RANCH OWNER	123	0.1175	0.0379	-0.0188	-0.0209	-0.0045	0.0082	0.0032	-0.0075	-0.0042	0.0005
632	FARM/RANCH MGR	8	0.0296	0.0093	0.0030	-0.0036	0.0024	0.0089	-0.0013	-0.0004	-0.0039	0.0062
639	FARMING (OTHER)	204	0.1311	0.0482	-0.0242	-0.0371	-0.0117	-0.0147	-0.0118	-0.0276	-0.0158	-0.0268
640	MILITARY (RANK NOT IND)	51	0.0065	0.0147	0.0031	0.0020	-0.0006	0.0149	0.0011	-0.0034	0.0063	-0.0025
641	MILITARY-ENLISTED	27	0.0089	0.0242	-0.0066	-0.0121	0.0080	-0.0068	-0.0163	-0.0069	-0.0032	-0.0057
642	MILITARY-OFFICER	111	-0.0014	-0.0183	0.0153	0.0118	0.0207	0.0433	0.0341	0.0135	0.0159	0.0335
650	INTELLIGENCE-CIA, ETC.	15	0.0001	-0.0128	-0.0010	0.0006	0.0035	-0.0089	-0.0074	0.0013	0.0014	-0.0084
661	POLICE (PUBLIC)	188	0.0047	0.0067	-0.0013	-0.0001	0.0060	0.0085	-0.0119	-0.0015	-0.0134	-0.0117
666	FIREMAN	48	0.0012	0.0072	-0.0111	-0.0227	-0.0044	-0.0054	-0.0118	-0.0143	-0.0186	-0.0210
669	OTHER PROTECTIVE	19	0.0089	0.0098	0.0049	0.0019	0.0080	0.0127	-0.0014	0.0053	-0.0021	0.0052
711A	BANKING & FINANCE, I	66	-0.0022	-0.0013	0.0126	0.0047	0.0055	-0.0074	-0.0022	0.0022	-0.0003	-0.0063
711B	BANKING & FINANCE, II	114	-0.0206	-0.0256	0.0042	0.0211	0.0076	0.0068	0.0158	0.0217	0.0284	0.0172
712	INVSTMNT,STOCK CONSULT	15	-0.0156	-0.0194	0.0170	0.0247	0.0101	0.0150	0.0169	0.0176	0.0176	0.0186
716	CPA	167	-0.0162	-0.0220	0.0072	-0.0022	0.0095	0.0079	0.0225	0.0183	-0.0128	0.0097
717	ACCTANT (EXC CPA)	329	-0.0349	-0.0095	0.0093	-0.0146	0.0011	-0.0111	-0.0023	0.0079	-0.0049	-0.0147
721	PURCHASING AGENT	40	-0.0098	0.0023	0.0183	0.0175	0.0030	0.0176	0.0099	0.0115	0.0018	0.0074
722	RETAIL BUYER	10	-0.0069	-0.0146	0.0010	-0.0074	0.0055	0.0008	-0.0095	-0.0084	-0.0074	-0.0069
723	EFFICIENCY EXPERT	130	-0.0154	-0.0084	0.0087	0.0025	0.0070	0.0078	0.0130	0.0133	0.0228	0.0145
724	ADVERTISING	30	-0.0191	-0.0274	0.0328	0.0192	0.0198	0.0134	0.0020	0.0149	0.0121	0.0221
725	PUBLIC RELATIONS	44	-0.0104	0.0002	0.0334	0.0278	0.0153	0.0233	0.0172	0.0067	0.0117	0.0268
726	PERSONNEL ADMIN	72	-0.0200	-0.0218	0.0299	0.0243	-0.0012	0.0096	0.0213	0.0227	0.0205	0.0124
727	APPRAISING/ESTIMATING	35	0.0002	0.0108	0.0179	0.0209	0.0030	0.0048	0.0131	0.0079	-0.0046	0.0038
728	LOAN/CREDIT INVESTIG	27	-0.0014	-0.0117	0.0203	0.0072	0.0208	0.0133	0.0119	0.0270	0.0197	-0.0113
730	BUS MGMT/ADMIN (NEC)	514	-0.0201	-0.0161	0.0408	0.0333	0.0155	0.0176	0.0272	0.0148	0.0099	0.0130
731	MFG MGMT	55	0.0004	0.0004	0.0181	0.0138	0.0126	-0.0053	0.0212	0.0116	-0.0010	0.0184
732	WHSL/RET TRADE MGMT/MKTG	204	-0.0159	-0.0163	0.0515	0.0204	0.0178	0.0169	0.0160	0.0171	0.0127	0.0150
738	SUPERVISOR IN BUS	53	0.0095	0.0232	0.0127	0.0006	0.0044	0.0019	-0.0065	0.0011	-0.0113	-0.0031
741	SALESCLERK	27	-0.0060	0.0082	0.0085	-0.0011	0.0031	-0.0113	-0.0019	0.0037	-0.0018	-0.0057
743	STOCKBROKER	17	-0.0027	-0.0100	0.0214	0.0147	0.0195	0.0114	0.0088	0.0181	0.0237	0.0136
745	REAL EST SLSMAN	24	-0.0094	-0.0064	0.0001	0.0033	0.0021	-0.0050	-0.0169	-0.0089	-0.0081	-0.0083
746	INSURANCE SLSMAN	69	-0.0044	-0.0004	0.0347	0.0210	0.0258	0.0157	0.0122	0.0104	0.0152	0.0128
747	AUTO SLSMAN	11	-0.0115	0.0134	-0.0096	-0.0117	0.0007	-0.0212	-0.0135	-0.0179	-0.0141	-0.0072
748	OTHER SLSMAN (NEC)	327	-0.0084	-0.0087	0.0486	0.0125	0.0205	0.0126	-0.0035	0.0131	0.0077	0.0194
749	SALES MGR	63	-0.0236	-0.0240	0.0310	0.0089	0.0062	-0.0076	0.0009	0.0176	0.0179	0.0157
751	BOOKKEEPER	12	0.0108	0.0150	-0.0047	-0.0002	-0.0007	-0.0024	0.0016	0.0116	-0.0002	-0.0042
755	MISC ACCT RECDG	13	0.0026	0.0003	0.0005	-0.0085	-0.0148	-0.0065	-0.0124	-0.0092	-0.0087	-0.0046
758	COMPUTER OPERATOR	97	-0.0187	0.0009	0.0067	-0.0216	-0.0005	-0.0139	-0.0075	-0.0091	-0.0072	-0.0079
769	CLERK (MISC)	23	0.0028	0.0088	0.0068	-0.0076	0.0010	-0.0084	-0.0095	-0.0046	0.0075	-0.0007
772	OFFICE MGR	21	0.0065	-0.0026	-0.0111	-0.0058	0.0021	-0.0131	-0.0120	-0.0043	-0.0062	-0.0024
789	OTHER "PUB CONTACT" OCCS	10	-0.0095	0.0018	0.0160	0.0096	-0.0090	0.0069	0.0039	0.0089	0.0147	-0.0051
791	RADIO, TELEGR, TTY OP	16	0.0034	0.0131	-0.0145	-0.0033	-0.0132	-0.0076	-0.0076	-0.0186	-0.0081	-0.0044
796	MAIL CARRIER	20	0.0089	0.0141	-0.0030	-0.0081	0.0101	0.0107	0.0026	0.0030	-0.0018	-0.0124
797	MISC CLERICAL	108	0.0194	0.0440	-0.0188	-0.0228	-0.0086	-0.0237	-0.0274	-0.0213	-0.0239	-0.0216
798	MISC ADMINISTRATIVE	59	-0.0022	-0.0042	0.0095	-0.0037	0.0030	0.0121	0.0027	0.0125	0.0063	-0.0031
810	ELECTRICIAN	211	0.0243	0.0315	-0.0245	-0.0321	0.0095	-0.0162	-0.0228	-0.0342	-0.0328	-0.0283
811	ELECTRONIC TECHNICIAN	258	-0.0018	0.0187	-0.0432	-0.0315	-0.0065	-0.0384	-0.0256	-0.0313	-0.0337	-0.0434
812	APPLIANCE REPAIR	51	0.0099	0.0117	-0.0207	-0.0090	-0.0178	-0.0144	-0.0144	-0.0010	-0.0157	-0.0295
813	PHONE INSTALL & REPAIR	53	0.0181	0.0213	0.0023	-0.0181	-0.0083	-0.0050	-0.0141	-0.0168	-0.0157	-0.0127
814	REPAIR AND SERV COMP	40	0.0098	0.0073	-0.0184	-0.0131	0.0022	-0.0099	-0.0231	-0.0091	-0.0208	-0.0230
820	MECHANIC (NEC)	133	0.0394	0.0499	-0.0302	-0.0352	-0.0082	-0.0363	-0.0397	-0.0430	-0.0365	-0.0293
821	AUTO MECHANIC	112	0.0250	0.0520	-0.0315	-0.0405	-0.0166	-0.0375	-0.0396	-0.0331	-0.0393	-0.0364
822	AIRPLANE MECHANIC	101	0.0280	0.0420	-0.0018	-0.0160	0.0103	-0.0066	-0.0122	-0.0180	-0.0235	-0.0191
823	OFFICE MACH REPAIR	14	0.0142	0.0168	-0.0044	-0.0066	-0.0033	-0.0104	-0.0029	-0.0092	-0.0053	-0.0097
824	IND MACH REPAIR	28	0.0211	0.0278	-0.0014	-0.0243	-0.0143	-0.0110	-0.0133	-0.0152	-0.0135	-0.0160
828	MACHINIST	276	0.0426	0.0724	-0.0107	-0.0368	-0.0029	-0.0047	-0.0245	-0.0219	-0.0264	-0.0440
831	CABINET MAKER	11	-0.0073	0.0009	-0.0197	-0.0193	-0.0070	-0.0131	-0.0115	-0.0162	-0.0204	-0.0143
832	CARPENTER	63	0.0341	0.0315	-0.0186	-0.0186	-0.0002	-0.0130	-0.0254	-0.0177	-0.0138	-0.0151
833	METAL TRADES	119	0.0459	0.0518	-0.0155	-0.0286	-0.0131	-0.0241	-0.0314	-0.0348	-0.0319	-0.0314
834	BRKLYR, MASON, PTR, RFR	66	0.0144	0.0360	-0.0111	-0.0156	-0.0064	-0.0188	-0.0194	-0.0145	-0.0106	-0.0235
835	PLUMBER, PIPEFITTER	81	0.0179	0.0385	-0.0064	-0.0222	0.0036	-0.0092	-0.0218	-0.0254	-0.0276	-0.0177
836	HEAVY EQUIP OP	42	0.0246	0.0182	-0.0171	-0.0137	-0.0018	-0.0019	-0.0070	-0.0132	-0.0179	-0.0141
837	MISC BLDG & CONST	43	0.0327	0.0268	-0.0107	-0.0127	-0.0025	-0.0024	-0.0086	-0.0124	-0.0138	-0.0116
838	MINING, QUARRYING, DRLNG	12	0.0196	0.0146	0.0098	0.0049	-0.0081	0.0009	0.0007	-0.0150	-0.0022	0.0059
841	PILOT	164	-0.0018	-0.0226	0.0025	0.0084	0.0168	0.0164	0.0114	-0.0005	-0.0016	0.0030
843	AIRPLANE NAVIGATOR	10	0.0025	-0.0134	-0.0026	-0.0006	0.0055	0.0069	0.0018	0.0117	-0.0029	0.0005
848	AIR TRAFFIC CONTROLLER	10	0.0030	0.0002	0.0018	0.0005	0.0152	-0.0028	-0.0064	0.0035	0.0059	0.0060
851	MERCHANT MARINE OCC	14	0.0106	0.0121	0.0061	0.0020	0.0117	0.0123	0.0006	0.0070	0.0030	0.0027
852	RAILROAD OCCS	22	0.0186	0.0174	0.0025	-0.0128	0.0075	-0.0029	-0.0177	-0.0119	-0.0111	-0.0227
853	AUTO, BUS, TRUCK DRIVER	91	0.0426	0.0522	-0.0140	-0.0260	-0.0017	-0.0210	-0.0207	-0.0286	-0.0190	-0.0221
861	PRINTING TRADES	104	0.0154	0.0391	-0.0137	-0.0319	-0.0139	-0.0250	-0.0193	-0.0096	-0.0318	-0.0292
863	SURVEYOR	20	0.0122	0.0211	-0.0124	0.0023	-0.0059	-0.0075	-0.0112	0.0010	-0.0096	-0.0085
864	DRAFTSMAN	134	-0.0007	0.0214	-0.0089	-0.0302	-0.0174	-0.0288	-0.0203	-0.0101	-0.0229	-0.0334
865	PHOTOGRAPHY	37	0.0068	0.0085	-0.0171	0.0052	-0.0037	-0.0187	-0.0199	-0.0150	-0.0031	-0.0114
866	INTERIOR DECORATOR	8	0.0066	-0.0001	0.0149	0.0065	0.0150	0.0062	0.0056	0.0068	0.0134	0.0021
867	LANDSCAPE ARCH	9	0.0054	0.0099	-0.0060	-0.0026	-0.0130	-0.0031	-0.0105	-0.0085	-0.0022	0.0051
881	FOOD & BEVERAGE PREP	20	0.0015	0.0149	-0.0155	-0.0240	-0.0173	-0.0213	-0.0134	-0.0067	-0.0081	-0.0124
885	BUTCHER, MEAT CUTTER	35	0.0164	0.0193	-0.0072	-0.0202	-0.0056	-0.0050	-0.0089	0.0016	-0.0117	-0.0129
891	MISC PERSONAL SERV	8	0.0037	0.0084	0.0050	0.0002	0.0096	-0.0115	-0.0071	-0.0096	-0.0088	-0.0082
892	BARBER	29	0.0061	0.0048	0.0009	-0.0154	-0.0121	-0.0093	-0.0152	-0.0082	0.0024	-0.0085
893	HAIRDRESSER	18	-0.0290	-0.0163	0.0027	0.0107	0.0081	-0.0207	0.0012	-0.0011	0.0150	-0.0079
899	GENERAL LABORER	314	0.0473	0.0941	-0.0355	-0.0483	0.0001	-0.0353	-0.0554	-0.0464	-0.0483	-0.0493

TABLE 4.1 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			S.A.I. (CONTD)		STUDENT INFORMATION BLANK SCALES							
			SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS	SELF-PERCEP OF RDNG SKILLS
			R-609	R-610	D-802	F-803	P-820	F-822	F-823	P-827	P-828	P-829
000	NO ANSWER	1766	-0.0239	-0.0305	-0.0571	-0.0601	-0.0343	0.0128	-0.0385	-0.0497	-0.0178	-0.0160
001	DON'T KNOW	734	-0.0451	-0.0734	-0.0580	-0.0411	-0.0632	-0.0310	-0.0585	-0.0781	-0.0348	-0.0319
101	EXECUTIVE (NEC)	59	0.0061	0.0132	0.0176	0.0195	0.0100	0.0134	0.0161	0.0175	0.0095	0.0154
102	FOREMAN (NEC)	103	-0.0014	-0.0158	-0.0548	-0.0539	-0.0366	-0.0105	-0.0056	-0.0257	-0.0176	-0.0104
111	WORK FOR GOVT (NEC)	49	-0.0067	-0.0028	-0.0123	-0.0166	-0.0049	0.0018	-0.0044	-0.0025	-0.0041	0.0109
112	IN BUS. FOR SELF (NEC)	255	0.0000	-0.0170	-0.0343	-0.0399	-0.0442	0.0026	-0.0054	-0.0476	-0.0249	-0.0318
120	IND., BUS., COMM. (NEC)	151	0.0110	0.0049	0.0125	-0.0009	-0.0202	0.0095	0.0061	0.0034	-0.0015	-0.0055
121	RETAIL (NEC)	22	0.0051	-0.0096	-0.0023	-0.0058	-0.0179	0.0162	0.0003	-0.0080	0.0011	-0.0093
122	TRANSPORTATION (NEC)	16	0.0036	-0.0086	0.0034	-0.0023	-0.0149	-0.0042	0.0068	-0.0195	-0.0136	0.0006
123	REAL ESTATE(NEC)	9	-0.0024	0.0057	0.0046	0.0066	-0.0047	0.0052	0.0079	-0.0100	0.0021	0.0044
124	INSURANCE (NEC)	24	-0.0043	0.0002	0.0041	0.0096	-0.0195	-0.0025	-0.0096	-0.0049	0.0017	0.0045
125	ELECTRONICS (NEC)	113	0.0047	-0.0121	-0.0377	-0.0191	-0.0315	-0.0077	-0.0068	-0.0190	-0.0202	-0.0133
211	MATH., STAT.	42	0.0118	0.0199	0.0357	0.0345	0.0505	-0.0051	0.0053	0.0449	0.0162	0.0140
212	OTHER STATISTICS	10	-0.0057	-0.0002	0.0172	0.0090	0.0242	0.0100	-0.0045	0.0083	0.0098	0.0067
221	SYSTEMS ANALYST	56	0.0151	0.0304	0.0376	0.0408	0.0354	0.0063	0.0054	0.0391	0.0175	0.0302
222	COMPUTER PROG.	173	-0.0020	-0.0052	0.0160	0.0184	0.0001	-0.0064	-0.0023	0.0060	-0.0169	0.0055
229	COMPUTER SPEC. (NEC)	38	0.0051	0.0019	0.0113	0.0211	0.0185	0.0150	0.0174	0.0199	0.0057	0.0011
230	PHYS. SCI. (NEC!	16	0.0110	0.0053	0.0242	0.0181	0.0091	-0.0097	-0.0085	0.0223	0.0056	0.0210
231	CHEMIST	93	0.0032	0.0235	0.0530	0.0612	0.0485	0.0062	-0.0038	0.0524	0.0113	0.0231
232	PHYSICIST	53	0.0300	0.0444	0.0426	0.0455	0.0646	0.0061	0.0060	0.0426	0.0099	0.0334
234	GEOLOGIST	22	0.0142	0.0104	0.0297	0.0353	0.0141	0.0055	0.0036	0.0187	0.0083	0.0150
240	ENGINEER (NEC)	248	0.0245	0.0574	0.0796	0.0832	0.0876	0.0124	0.0325	0.0636	0.0296	0.0312
241	CIVIL ENGINEER	97	0.0100	0.0186	0.0429	0.0426	0.0426	0.0090	-0.0024	0.0296	0.0110	0.0100
242	ELEC. ENGINEER	234	0.0086	0.0289	0.0753	0.0707	0.0652	0.0002	0.0182	0.0520	0.0165	0.0210
243	MECH. ENGINEER	139	0.0067	0.0366	0.0513	0.0546	0.0622	-0.0148	0.0028	0.0559	0.0087	0.0151
244	AERONAUTICAL ENG.	40	-0.0068	0.0307	0.0291	0.0302	0.0423	-0.0011	0.0091	0.0324	0.0060	0.0176
245	CHEM. ENGINEER	48	0.0143	0.0327	0.0420	0.0453	0.0548	-0.0154	0.0122	0.0484	0.0172	0.0338
250	ARCHITECT	64	-0.0035	0.0119	0.0360	0.0421	0.0198	0.0274	0.0158	0.0251	0.0102	0.0033
299	PHYS. SCI., LAB TECH.	100	-0.0030	-0.0176	-0.0092	-0.0060	-0.0068	-0.0131	-0.0005	-0.0150	-0.0099	0.0068
310	BIOLOGIST, ZOOLOGIST	48	-0.0047	-0.0002	0.0251	0.0350	0.0141	0.0157	0.0103	0.0287	0.0058	0.0242
313	SPEC. IN AGRIC. SCI.	33	0.0071	0.0088	0.0059	-0.0084	0.0103	0.0015	0.0172	0.0134	0.0020	0.0087
314	WLDLF/FOREST SPEC.	43	-0.0096	0.0088	0.0058	0.0163	0.0172	0.0091	0.0061	-0.0035	-0.0054	-0.0080
316	MICROBIOLOGIST	9	0.0075	0.0165	0.0102	0.0145	0.0189	0.0159	0.0079	0.0100	0.0133	0.0113
317	BIOCHEMIST	10	-0.0005	0.0042	0.0172	0.0154	0.0013	-0.0085	0.0035	0.0119	-0.0026	0.0051
322	MD-SURGEON	8	0.0107	0.0113	0.0142	0.0152	0.0192	-0.0015	0.0010	0.0241	0.0066	0.0183
329	MD-OTHER	186	0.0444	0.0774	0.0851	0.1078	0.1385	0.0111	0.0399	0.0980	0.0639	0.0634
332	DENTIST	92	0.0273	0.0445	0.0578	0.0621	0.0657	0.0147	0.0345	0.0640	0.0323	0.0061
333	VETERINARIAN	30	-0.0051	0.0210	0.0298	0.0178	0.0313	0.0023	0.0208	0.0089	-0.0052	0.0034
335	PHARMACIST	89	0.0100	0.0316	0.0388	0.0277	0.0387	0.0025	0.0073	0.0302	0.0192	0.0106
336	OPTOMETRIST	14	0.0150	0.0082	0.0266	0.0255	-0.0002	0.0027	0.0180	0.0186	-0.0001	0.0008
337	RN	8	-0.0044	-0.0082	-0.0094	-0.0043	-0.0044	0.0015	-0.0092	-0.0089	0.0086	-0.0075
345	CHIROPRACTOR	9	0.0097	0.0037	0.0046	0.0016	0.0044	0.0114	0.0067	0.0039	-0.0014	-0.0092
347	MED/DENT TECHNOL.	15	-0.0019	-0.0066	0.0059	0.0041	-0.0029	-0.0215	-0.0136	0.0113	-0.0041	0.0039
348	MED/DENT TECHNICIAN	31	-0.0159	-0.0177	-0.0174	-0.0190	-0.0066	0.0071	-0.0110	-0.0189	-0.0059	-0.0006
350	HOSPITAL ADMIN.	13	0.0140	0.0126	0.0071	0.0009	-0.0044	-0.0063	0.0075	0.0148	0.0172	0.0063
360	PSYCHOLOGIST	94	0.0047	0.0138	0.0483	0.0513	0.0328	-0.0006	0.0145	0.0280	-0.0380	0.0306
370	SOCIAL WORKER	65	0.0025	-0.0024	0.0304	0.0239	0.0105	0.0057	0.0121	0.0047	0.0099	0.0100
372	COUNSELING/GUIDANCE	10	-0.0026	0.0012	0.0172	0.0068	0.0049	-0.0032	0.0134	0.0044	-0.0041	0.0014
373	VOC/ED GUIDANCE	42	0.0123	0.0131	0.0306	0.0291	0.0229	0.0175	0.0226	0.0348	0.0309	0.0220
382	ECONOMIST	32	-0.0077	0.0047	0.0343	0.0322	0.0090	0.0043	0.0037	0.0172	0.0127	0.0086
389	SOC. SCI. (MISC)	31	0.0030	0.0133	0.0215	0.0234	-0.0004	0.0055	0.0147	0.0139	0.0096	0.0135
391	POLITICIAN	16	-0.0079	0.0003	0.0242	0.0209	0.0086	0.0182	0.0150	0.0146	0.0098	-0.0015
392	DIPLOMAT	21	-0.0003	0.0153	0.0252	0.0255	0.0317	0.0093	0.0047	0.0184	0.0170	0.0195
393	LAWYER	342	0.0572	0.0677	0.1109	0.1163	0.0969	0.0261	0.0539	0.0970	0.1115	0.0826
394	MARKET ANALYST	15	0.0065	0.0033	0.0232	0.0222	0.0006	0.0179	0.0116	0.0027	0.0044	-0.0039
397	PUBLIC ADM (NEC)	16	0.0118	0.0114	0.0284	0.0253	0.0147	0.0128	0.0098	0.0149	0.0258	0.0270
398	CITY PLANNER (NEC)	21	0.0011	0.0126	0.0252	0.0271	0.0142	-0.0012	0.0120	0.0190	0.0143	0.0215
400	TEACHER (NEC)	478	-0.0025	0.0218	0.0654	0.0495	0.0376	0.0105	0.0285	0.0421	0.0241	0.0201
412	TEACHER-ELEM.	53	0.0074	-0.0081	0.0127	0.0017	0.0009	-0.0048	0.0000	0.0056	-0.0067	-0.0011
420	TEACHER-HS (NEC)	98	0.0115	0.0082	0.0316	0.0230	0.0086	0.0076	0.0148	0.0263	0.0231	0.0110
421	TEACHER-HS MATH	65	0.0041	0.0048	0.0407	0.0355	0.0448	0.0034	-0.0004	0.0327	0.0005	0.0046
422	TEACHER-HS SCIENCE	68	0.0004	-0.0099	0.0343	0.0270	0.0211	0.0099	0.0053	0.0174	0.0039	0.0024
423	TEACHER-HS SOC. ST.	85	0.0011	0.0012	0.0329	0.0174	0.0062	0.0063	0.0051	0.0164	0.0169	0.0122
424	TEACHER-ENGLISH	38	0.0089	0.0034	0.0275	0.0358	0.0055	0.0133	0.0099	0.0255	0.0430	0.0237
425	TEACHER-FOR. LANG.	14	0.0088	0.0136	0.0221	0.0232	0.0249	-0.0018	0.0045	0.0253	0.0082	0.0155
426	TEACHER-COMM. ED.	14	0.0027	0.0082	-0.0002	0.0046	0.0062	0.0150	0.0019	0.0089	0.0039	0.0022
428	TEACHER-TRADES	50	0.0104	0.0248	0.0030	-0.0069	0.0032	0.0105	0.0066	0.0027	-0.0090	-0.0074
429	TEACHER-PHYS. ED.	57	0.0013	-0.0083	0.0138	0.0060	-0.0096	-0.0073	-0.0008	-0.0066	-0.0122	-0.0160
431	TEACHER-ART	12	0.0112	0.0117	0.0005	0.0030	-0.0045	0.0198	0.0181	-0.0036	0.0158	-0.0045
432	TEACHER-MUSIC	30	0.0003	0.0033	0.0023	0.0062	-0.0060	0.0131	0.0014	-0.0049	0.0128	0.0004
440	TEACHER-HANDICAPPED	12	-0.0097	0.0032	0.0101	0.0055	-0.0009	0.0055	-0.0021	0.0173	0.0164	0.0148
450	SCH. ADMIN. (EXC. COLL.)	45	0.0226	0.0234	0.0252	0.0267	0.0239	0.0226	0.0251	0.0221	0.0241	0.0074
460	COLL/UNIV TCHR (NEC)	214	0.0345	0.0445	0.0724	0.0771	0.0801	0.0181	0.0408	0.0695	0.0739	0.0573
461	COLL/UNIV TCHR-MATH	30	0.0057	0.0252	0.0358	0.0426	0.0602	-0.0087	0.0036	0.0480	0.0335	0.0237
462	COLL/UNIV TCHR-SCI	48	0.0285	0.0309	0.0420	0.0498	0.0631	0.0218	0.0207	0.0422	0.0295	0.0309
463	COLL/UNIV TCHR-SOC SCI	81	0.0137	0.0289	0.0529	0.0525	0.0530	0.0029	0.0166	0.0453	0.0477	0.0518
464	COLL/UNIV TCHR-ENGLISH	44	0.0087	0.0229	0.0371	0.0333	0.0376	0.0093	0.0017	0.0407	0.0574	0.0389
470	COLL/UNIV TCHR-ADM	13	0.0131	0.0135	0.0256	0.0110	0.0185	0.0110	0.0095	0.0137	0.0200	-0.0026
511	LIBRARIAN	9	0.0020	0.0098	0.0157	0.0102	0.0164	0.0098	-0.0049	0.0192	0.0289	0.0071
521	CLERGYMAN	177	0.0193	0.0508	0.0281	0.0369	0.0530	0.0082	0.0457	0.0750	0.0556	0.0308
523	RELIGIOUS WORKER (OTHER)	23	0.0006	0.0087	-0.0042	0.0014	0.0059	0.0017	0.0052	0.0146	0.0096	-0.0182
531	WRITER (NEC)	21	0.0026	-0.0022	0.0070	0.0134	-0.0050	0.0024	0.0010	0.0026	0.0297	0.0222
534	JOURNALIST/REPORTER	43	-0.0041	-0.0018	0.0135	0.0236	0.0054	0.0138	0.0129	0.0058	0.0362	0.0092
537	EDITOR	10	0.0036	0.0100	0.0119	0.0108	0.0057	-0.0136	-0.0144	-0.0005	0.0262	0.0156
541	FINE ARTS	22	0.0016	-0.0046	0.0013	-0.0003	-0.0025	0.0039	0.0129	-0.0051	0.0199	0.0157
545	COMM ARTIST	54	0.0058	-0.0010	-0.0205	-0.0080	-0.0178	0.0057	0.0014	-0.0012	0.0020	-0.0122
547	DESIGNER (CONS GOODS)	14	0.0159	0.0123	-0.0091	-0.0115	-0.0092	-0.0049	0.0080	0.0011	0.0022	0.0063
551	MUSICIAN	17	0.0088	0.0153	0.0090	0.0020	0.0087	0.0103	0.0021	0.0012	0.0117	0.0028

TABLE 4.1 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			S.A.I. (CONTD)		STUDENT INFORMATION BLANK SCALES							
			SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS	SELF-PERCEP OF RDNG SKILLS
			R-609	R-610	D-802	F-803	P-820	F-822	F-823	P-827	P-828	P-829
571	ACTOR	11	0.0090	-0.0024	0.0135	0.0150	-0.0059	0.0040	0.0009	0.0036	0.0169	0.0274
575	THEATRE (OTHER)	25	0.0172	0.0064	-0.0012	-0.0019	-0.0099	0.0032	0.0037	0.0046	0.0162	0.0148
578	RADIO/TV ANNOUN.	23	0.0088	-0.0137	0.0027	-0.0003	-0.0101	0.0052	-0.0116	0.0010	0.0069	0.0068
579	MISC PERF ARTS	10	0.0202	0.0095	-0.0092	-0.0015	-0.0024	-0.0067	-0.0034	-0.0005	-0.0008	0.0090
611	PRO ATHLETE	12	0.0140	0.0037	0.0053	0.0059	0.0006	0.0055	0.0090	0.0088	-0.0004	-0.0108
612	PRO ATHLETICS (AUX)	10	-0.0037	-0.0085	0.0013	-0.0051	0.0063	0.0036	0.0149	-0.0000	-0.0077	-0.0075
621	RECREATION DIR.	14	-0.0052	-0.0025	0.0087	-0.0026	0.0040	0.0008	-0.0126	-0.0060	0.0104	0.0008
623	FRSTRY, HUNT, TRAP	22	-0.0103	-0.0132	-0.0272	-0.0192	-0.0131	-0.0110	-0.0128	-0.0244	-0.0195	-0.0213
631	FARM/RANCH OWNER	123	-0.0138	0.0103	-0.0660	-0.0899	-0.0254	-0.0179	-0.0032	-0.0141	-0.0358	-0.0298
632	FARM/RANCH MGR	8	0.0037	0.0086	-0.0153	-0.0132	0.0083	-0.0022	-0.0003	0.0182	0.0066	-0.0031
639	FARMING (OTHER)	204	-0.0372	-0.0161	-0.0909	-0.1067	-0.0397	-0.0336	-0.0266	-0.0335	-0.0385	-0.0445
640	MILITARY (RANK NOT IND)	51	0.0000	-0.0015	-0.0171	-0.0062	-0.0109	0.0055	-0.0074	-0.0132	-0.0122	-0.0102
641	MILITARY-ENLISTED	27	-0.0104	-0.0167	-0.0306	-0.0306	-0.0122	-0.0094	-0.0053	-0.0245	-0.0183	-0.0011
642	MILITARY-OFFICER	111	0.0319	0.0299	0.0480	0.0477	0.0351	0.0043	0.0136	0.0385	0.0218	0.0317
650	INTELLIGENCE-CIA, ETC.	15	-0.0104	-0.0094	-0.0027	-0.0003	0.0135	0.0012	0.0044	0.0002	0.0001	-0.0012
661	POLICE (PUBLIC)	188	0.0040	-0.0052	-0.0282	-0.0263	-0.0403	-0.0046	-0.0028	-0.0375	-0.0252	-0.0155
666	FIREMAN	48	-0.0114	-0.0215	-0.0400	-0.0387	-0.0379	-0.0165	-0.0241	-0.0324	-0.0349	-0.0243
669	OTHER PROTECTIVE	19	0.0063	-0.0008	-0.0265	-0.0252	-0.0157	-0.0043	-0.0017	-0.0050	0.0017	0.0052
711A	BANKING & FINANCE, I	56	-0.0017	-0.0098	-0.0287	-0.0168	-0.0188	-0.0113	-0.0113	-0.0280	-0.0028	-0.0022
711B	BANKING & FINANCE, II	114	0.0095	0.0167	0.0337	0.0320	0.0123	0.0093	0.0103	0.0226	0.0113	0.0190
712	INVSTMNT,STOCK CONSULT	15	0.0023	0.0176	0.0103	0.0188	0.0223	0.0027	0.0035	0.0109	0.0098	0.0163
716	CPA	167	0.0074	0.0157	0.0442	0.0350	0.0168	-0.0217	0.0082	0.0195	0.0070	0.0058
717	ACCTANT (EXC CPA)	329	-0.0055	-0.0017	0.0139	0.0129	0.0038	-0.0178	-0.0089	0.0159	-0.0141	-0.0003
721	PURCHASING AGENT	40	0.0192	0.0171	0.0053	-0.0003	-0.0028	0.0106	0.0047	0.0081	-0.0051	0.0016
722	RETAIL BUYER	10	0.0036	-0.0177	0.0066	0.0037	-0.0019	-0.0023	0.0001	0.0061	-0.0020	-0.0065
723	EFFICIENCY EXPERT	130	0.0270	0.0106	0.0445	0.0392	0.0246	0.0107	0.0086	0.0252	0.0283	0.0199
724	ADVERTISING	30	0.0003	0.0005	0.0267	0.0262	-0.0021	0.0054	0.0236	0.0117	0.0224	0.0029
725	PUBLIC RELATIONS	44	0.0156	0.0064	0.0219	0.0118	0.0024	0.0275	0.0170	0.0132	0.0251	0.0171
726	PERSONNEL ADMIN	72	0.0309	0.0054	0.0328	0.0217	0.0059	0.0086	0.0127	0.0300	0.0271	0.0181
727	APPRAISING/ESTIMATING	35	0.0009	0.0051	-0.0088	-0.0065	-0.0014	0.0082	0.0166	-0.0093	0.0084	-0.0054
728	LOAN/CREDIT INVESTIG	27	-0.0010	0.0061	0.0112	0.0114	0.0050	0.0014	0.0079	-0.0136	0.0018	0.0023
730	BUS MGMT/ADMIN (NEC)	514	0.0149	0.0024	0.0379	0.0337	0.0066	0.0028	0.0319	0.0095	0.0202	0.0195
731	MFG MGMT	55	0.0065	-0.0005	0.0212	0.0166	0.0139	-0.0012	-0.0058	-0.0022	0.0057	-0.0020
732	WHSL/RET TRADE MGMT/MKTG	204	0.0262	0.0161	0.0185	0.0212	-0.0115	0.0021	0.0126	-0.0017	0.0013	0.0094
738	SUPERVISOR IN BUS	53	-0.0215	-0.0036	-0.0309	-0.0256	-0.0246	0.0034	-0.0021	-0.0160	-0.0149	-0.0056
741	SALESCLERK	27	0.0028	-0.0125	-0.0209	-0.0247	-0.0215	-0.0056	-0.0020	-0.0211	-0.0225	-0.0236
743	STOCKBROKER	17	0.0143	0.0164	0.0252	0.0178	0.0043	0.0098	0.0103	0.0096	0.0088	0.0145
745	REAL EST SLSMAN	24	-0.0090	-0.0161	0.0041	0.0192	-0.0154	0.0230	0.0221	-0.0091	0.0042	-0.0023
746	INSURANCE SLSMAN	69	0.0054	-0.0054	-0.0013	-0.0071	-0.0144	0.0136	0.0086	-0.0235	0.0021	-0.0104
747	AUTO SLSMAN	11	-0.0078	-0.0218	-0.0167	-0.0045	-0.0066	0.0001	-0.0067	-0.0208	-0.0105	-0.0223
748	OTHER SLSMAN (NEC)	327	0.0121	-0.0143	0.0038	0.0024	-0.0471	0.0304	0.0167	-0.0335	0.0075	-0.0154
749	SALES MGR	63	0.0194	-0.0112	0.0164	0.0147	-0.0171	0.0169	0.0162	0.0016	0.0157	0.0139
751	BOOKKEEPER	12	0.0045	0.0019	-0.0188	-0.0072	0.0032	0.0101	-0.0090	0.0044	0.0061	0.0006
755	MISC ACCT RECDG	13	-0.0105	-0.0104	-0.0161	-0.0200	-0.0030	-0.0060	0.0028	0.0040	-0.0153	0.0005
758	COMPUTER OPERATOR	97	-0.0088	-0.0121	-0.0251	-0.0321	-0.0143	-0.0032	-0.0128	-0.0126	-0.0190	0.0032
769	CLERK (MISC)	23	-0.0014	-0.0105	-0.0216	-0.0228	-0.0169	-0.0046	0.0032	-0.0193	-0.0123	-0.0145
772	OFFICE MGR	21	0.0004	-0.0139	-0.0148	-0.0092	-0.0158	-0.0084	-0.0032	0.0120	0.0039	-0.0024
789	OTHER "PUB CONTACT" OCCS	10	0.0046	0.0081	-0.0039	-0.0009	-0.0048	-0.0080	0.0107	0.0070	0.0054	0.0011
791	RADIO, TELEGR, TTY OP	16	-0.0120	-0.0155	-0.0217	-0.0172	-0.0122	0.0029	-0.0094	-0.0101	0.0070	-0.0132
796	MAIL CARRIER	20	-0.0000	0.0080	-0.0130	-0.0239	-0.0036	0.0046	-0.0101	-0.0025	0.0011	-0.0071
797	MISC CLERICAL	108	-0.0165	-0.0256	-0.0404	-0.0411	-0.0405	-0.0112	-0.0238	-0.0413	-0.0213	-0.0190
798	MISC ADMINISTRATIVE	59	0.0129	-0.0020	0.0111	0.0096	0.0061	0.0084	0.0054	0.0059	0.0210	0.0073
810	ELECTRICIAN	211	-0.0247	-0.0349	-0.0662	-0.0738	-0.0447	-0.0268	-0.0336	-0.0515	-0.0422	-0.0398
811	ELECTRONIC TECHNICIAN	258	-0.0262	-0.0324	-0.0391	-0.0228	-0.0441	-0.0097	-0.0262	-0.0354	-0.0334	-0.0142
812	APPLIANCE REPAIR	51	-0.0133	-0.0051	-0.0358	-0.0377	-0.0220	-0.0198	0.0023	-0.0140	-0.0358	-0.0112
813	PHONE INSTALL & REPAIR	53	-0.0017	-0.0216	-0.0378	-0.0236	-0.0301	-0.0128	-0.0005	-0.0300	-0.0153	-0.0066
814	REPAIR AND SERV COMP	40	-0.0084	-0.0177	-0.0079	-0.0052	-0.0004	-0.0089	0.0060	-0.0203	-0.0233	-0.0227
820	MECHANIC (NEC)	133	-0.0346	-0.0329	-0.0718	-0.0821	-0.0508	-0.0251	-0.0426	-0.0599	-0.0590	-0.0416
821	AUTO MECHANIC	112	-0.0238	-0.0303	-0.0797	-0.0850	-0.0550	-0.0416	-0.0298	-0.0443	-0.0406	-0.0484
822	AIRPLANE MECHANIC	101	-0.0143	-0.0183	-0.0567	-0.0577	-0.0312	-0.0224	-0.0116	-0.0535	-0.0428	-0.0474
823	OFFICE MACH REPAIR	14	0.0001	-0.0086	-0.0136	-0.0130	0.0051	-0.0114	-0.0135	-0.0086	-0.0089	-0.0132
824	IND MACH REPAIR	28	-0.0111	-0.0201	-0.0350	-0.0360	-0.0188	0.0025	-0.0160	-0.0192	-0.0289	-0.0335
828	MACHINIST	276	-0.0222	-0.0213	-0.0898	-0.0796	-0.0516	-0.0137	-0.0483	-0.0575	-0.0433	-0.0340
831	CABINET MAKER	11	-0.0048	-0.0153	-0.0268	-0.0302	-0.0049	-0.0158	-0.0078	-0.0124	-0.0117	-0.0062
832	CARPENTER	63	-0.0192	-0.0162	-0.0531	-0.0636	-0.0273	-0.0076	-0.0092	-0.0286	-0.0319	-0.0343
833	METAL TRADES	119	-0.0344	-0.0313	-0.0789	-0.0821	-0.0581	-0.0223	-0.0185	-0.0525	-0.0409	-0.0403
834	BRKLYR, MASON, PTR, RFR	66	-0.0171	-0.0192	-0.0575	-0.0548	-0.0344	-0.0053	-0.0196	-0.0373	-0.0381	-0.0250
835	PLUMBER, PIPEFITTER	81	-0.0115	-0.0238	-0.0494	-0.0386	-0.0421	0.0016	0.0040	-0.0378	-0.0295	-0.0253
836	HEAVY EQUIP OP	42	-0.0029	-0.0109	-0.0364	-0.0352	-0.0102	-0.0078	-0.0109	-0.0192	-0.0214	-0.0142
837	MISC BLDG & CONST	43	-0.0151	-0.0166	-0.0298	-0.0364	-0.0272	0.0007	-0.0114	-0.0316	-0.0238	-0.0067
838	MINING, QUARRYING, DRLNG	12	-0.0031	-0.0096	-0.0188	-0.0121	-0.0081	-0.0050	-0.0128	-0.0221	-0.0110	-0.0142
841	PILOT	164	0.0078	-0.0074	0.0442	0.0351	0.0066	0.0100	0.0063	0.0098	-0.0050	0.0135
843	AIRPLANE NAVIGATOR	10	0.0005	0.0056	0.0172	0.0156	0.0097	0.0112	0.0027	0.0114	0.0042	0.0120
848	AIR TRAFFIC CONTROLLER	10	0.0046	0.0012	-0.0092	-0.0055	-0.0088	-0.0109	0.0077	-0.0049	0.0176	-0.0068
851	MERCHANT MARINE OCC	14	0.0080	0.0103	0.0132	0.0076	-0.0018	0.0127	0.0054	0.0018	0.0014	0.0027
852	RAILROAD OCCS	22	-0.0026	-0.0178	-0.0343	-0.0190	-0.0259	-0.0108	-0.0125	-0.0294	-0.0271	-0.0168
853	AUTO, BUS, TRUCK DRIVER	91	-0.0190	-0.0211	-0.0724	-0.0764	-0.0509	-0.0218	-0.0167	-0.0538	-0.0421	-0.0427
861	PRINTING TRADES	104	-0.0254	-0.0271	-0.0735	-0.0569	-0.0411	-0.0089	-0.0148	-0.0300	-0.0325	-0.0290
863	SURVEYOR	20	-0.0081	-0.0044	-0.0093	-0.0037	-0.0092	0.0074	-0.0080	-0.0125	-0.0205	-0.0031
864	DRAFTSMAN	134	-0.0251	-0.0295	-0.0478	-0.0426	-0.0496	0.0005	-0.0210	-0.0296	-0.0364	-0.0268
865	PHOTOGRAPHY	37	-0.0049	-0.0098	-0.0090	0.0031	-0.0188	0.0127	0.0027	-0.0166	0.0079	-0.0040
866	INTERIOR DECORATOR	8	0.0176	0.0081	-0.0094	-0.0105	-0.0008	0.0002	-0.0003	-0.0039	0.0020	-0.0097
867	LANDSCAPE ARCH	9	-0.0199	-0.0055	0.0102	0.0016	-0.0075	-0.0074	0.0159	0.0025	0.0008	-0.0071
881	FOOD & BEVERAGE PREP	20	-0.0133	-0.0175	-0.0130	-0.0197	-0.0064	0.0023	-0.0201	-0.0122	-0.0117	-0.0183
885	BUTCHER, MEAT CUTTER	35	-0.0063	-0.0098	-0.0314	-0.0298	-0.0172	-0.0064	-0.0119	-0.0338	-0.0118	-0.0171
891	MISC PERSONAL SERV	8	-0.0010	-0.0093	-0.0153	-0.0079	0.0007	-0.0098	-0.0130	-0.0236	-0.0139	-0.0079
892	BARBER	29	-0.0032	-0.0159	-0.0362	-0.0378	-0.0126	-0.0051	-0.0127	-0.0296	-0.0197	-0.0128
893	HAIRDRESSER	18	-0.0003	-0.0020	-0.0289	-0.0140	-0.0208	-0.0031	0.0027	-0.0066	0.0031	-0.0091
899	GENERAL LABORER	314	-0.0507	-0.0608	-0.1146	-0.1172	-0.0790	-0.0290	-0.0579	-0.0751	-0.0683	-0.0565

TABLE 4.1 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS								
			STUDENT INFORMATION BLANK SCALES (CONTD.)								
			AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
000	NO ANSWER	1766	0.0078	0.0114	0.0023	-0.0101	0.0213	-0.0315	-0.0095	0.0154	0.0152
001	DON'T KNOW	734	-0.0160	-0.0388	-0.0504	-0.0320	-0.0363	-0.0278	-0.0367	-0.0074	-0.0162
101	EXECUTIVE (NEC)	59	0.0050	0.0263	0.0230	0.0101	0.0009	0.0241	0.0133	0.0025	-0.0070
102	FOREMAN (NEC)	103	-0.0115	-0.0189	-0.0214	-0.0094	-0.0017	0.0061	-0.0178	0.0234	0.0184
111	WORK FOR GOVT (NEC)	49	0.0008	0.0063	-0.0043	-0.0053	-0.0120	-0.0114	-0.0120	-0.0091	-0.0101
112	IN BUS. FOR SELF (NEC)	255	-0.0253	-0.0109	-0.0085	0.0010	0.0062	-0.0018	0.0064	0.0156	0.0378
120	IND., BUS., COMM. (NEC)	161	-0.0088	0.0025	0.0032	-0.0016	-0.0056	0.0094	-0.0005	-0.0041	-0.0029
121	RETAIL (NEC)	22	0.0120	-0.0083	-0.0057	-0.0074	-0.0080	-0.0033	0.0096	0.0092	0.0093
122	TRANSPORTATION (NEC)	16	-0.0052	-0.0101	-0.0078	-0.0065	-0.0080	0.0024	0.0111	0.0021	0.0067
123	REAL ESTATE(NEC)	9	-0.0035	-0.0073	-0.0057	-0.0024	-0.0038	0.0029	0.0165	0.0007	0.0100
124	INSURANCE (NEC)	24	-0.0025	0.0171	0.0132	0.0160	0.0074	-0.0088	0.0009	-0.0021	0.0024
125	ELECTRONICS (NEC)	113	-0.0128	-0.0293	-0.0281	0.0164	0.0131	-0.0141	-0.0162	0.0011	0.0174
211	MATH., STAT.	42	0.0122	-0.0020	-0.0002	0.0017	-0.0156	-0.0109	-0.0006	-0.0195	-0.0230
212	OTHER STATISTICS	13	-0.0052	-0.0081	-0.0066	0.0008	-0.0040	0.0095	-0.0031	-0.0056	0.0018
221	SYSTEMS ANALYST	56	0.0156	-0.0036	0.0040	-0.0118	-0.0101	0.0161	0.0089	0.0037	-0.0097
222	COMPUTER PROG.	173	0.0077	-0.0051	-0.0102	-0.0083	-0.0205	0.0040	-0.0158	-0.0050	-0.0150
229	COMPUTER SPEC. (NEC)	34	0.0003	0.0016	0.0005	0.0081	0.0047	0.0140	-0.0018	0.0101	-0.0110
230	PHYS. SCI. (NEC)	16	0.0220	-0.0096	-0.0104	-0.0071	-0.0028	-0.0066	-0.0017	-0.0136	-0.0073
231	CHEMIST	93	0.0136	0.0040	0.0003	-0.0061	-0.0114	-0.0046	0.0052	-0.0219	-0.0286
232	PHYSICIST	53	0.0395	0.0000	-0.0009	0.0097	0.0053	-0.0063	0.0037	-0.0280	-0.0164
234	GEOLOGIST	22	0.0162	-0.0058	-0.0077	0.0230	0.0221	0.0142	0.0078	-0.0058	-0.0005
240	ENGINEER (NEC)	245	0.0058	0.0160	0.0182	0.0301	0.0223	0.0222	0.0046	0.0005	-0.0029
241	CIVIL ENGINEER	97	-0.0072	0.0115	0.0136	0.0131	0.0007	0.0026	0.0025	-0.0101	-0.0100
242	ELEC. ENGINEER	234	0.0077	0.0055	0.0060	0.0293	0.0244	-0.0022	0.0028	-0.0241	-0.0252
243	MECH. ENGINEER	159	-0.0119	-0.0010	0.0072	0.0274	0.0193	0.0182	0.0059	-0.0128	-0.0101
244	AERONAUTICAL ENG.	40	0.0013	-0.0036	-0.0003	0.0075	0.0033	0.0100	0.0129	-0.0020	-0.0015
245	CHEM. ENGINEER	49	0.0092	0.0017	0.0028	0.0015	0.0018	0.0110	-0.0040	-0.0170	-0.0077
250	ARCHITECT	64	0.0006	0.0227	0.0194	0.0114	0.0157	0.0113	0.0083	0.0083	-0.0093
299	PHYS. SCI., LAB TECH.	100	-0.0073	-0.0014	0.0004	0.0068	0.0046	0.0140	-0.0045	0.0095	0.0077
310	BIOLOGIST, ZOOLOGIST	48	0.0145	-0.0019	-0.0022	0.0230	0.0101	0.0037	0.0043	-0.0255	-0.0091
313	SPEC. IN AGRIC. SCI.	33	0.0128	0.0045	0.0116	0.0196	0.0157	0.0093	0.0137	-0.0226	0.0041
314	WLDLF/FOREST SPEC.	43	-0.0036	-0.0080	-0.0076	0.0105	0.0070	0.0084	0.0009	-0.0041	0.0199
316	MICROBIOLOGIST	9	0.0157	-0.0019	0.0039	-0.0001	-0.0009	0.0029	-0.0123	-0.0006	0.0032
317	BIOCHEMIST	10	0.0016	0.0083	0.0020	0.0072	0.0046	0.0076	-0.0117	-0.0100	-0.0073
322	MD-SURGEON	8	0.0053	0.0091	0.0160	0.0088	0.0037	0.0051	0.0035	0.0005	-0.0075
329	MD-OTHER	186	0.0314	0.0243	0.0309	0.0145	-0.0069	0.0384	0.0294	-0.0023	-0.0481
332	DENTIST	92	-0.0024	0.0004	0.0052	-0.0020	-0.0061	0.0306	0.0222	-0.0055	-0.0276
333	VETERINARIAN	30	-0.0116	0.0092	0.0181	-0.0014	0.0048	0.0099	0.0126	-0.0037	0.0023
335	PHARMACIST	89	-0.0019	0.0064	0.0117	-0.0028	-0.0119	-0.0037	0.0006	0.0017	-0.0016
336	OPTOMETRIST	14	-0.0022	0.0072	0.0117	0.0169	0.0088	0.0155	0.0045	0.0003	-0.0128
337	RN	8	0.0057	0.0034	0.0097	0.0026	0.0081	-0.0112	-0.0145	-0.0240	0.0031
345	CHIROPRACTOR	9	-0.0172	-0.0020	-0.0005	0.0155	0.0007	0.0143	0.0013	0.0095	-0.0148
347	MED/DENT TECHNOL.	15	-0.0014	-0.0105	-0.0074	0.0021	-0.0018	-0.0119	-0.0045	-0.0026	-0.0134
348	MED/DENT TECHNICIAN	31	0.0007	0.0113	0.0114	0.0018	0.0043	-0.0060	0.0008	0.0094	0.0087
350	HOSPITAL ADMIN.	13	0.0069	0.0007	0.0008	-0.0021	-0.0059	0.0114	0.0060	0.0009	0.0030
360	PSYCHOLOGIST	94	0.0335	0.0009	0.0036	-0.0026	-0.0175	0.0201	0.0046	0.0093	-0.0321
370	SOCIAL WORKER	65	0.0126	0.0069	0.0134	-0.0176	-0.0204	-0.0027	-0.0006	0.0012	-0.0091
372	COUNSELING/GUIDANCE	10	0.0045	-0.0081	-0.0029	0.0033	0.0017	0.0066	0.0094	0.0053	-0.0039
373	VOC/ED GUIDANCE	42	0.0181	0.0150	0.0234	0.0031	0.0025	0.0163	0.0164	0.0048	-0.0032
382	ECONOMIST	32	0.0105	0.0020	0.0054	-0.0012	-0.0039	0.0062	-0.0036	-0.0008	-0.0159
389	SOC. SCI. (MISC)	31	0.0023	-0.0069	-0.0056	-0.0053	0.0014	0.0007	0.0020	-0.0056	-0.0094
391	POLITICIAN	16	0.0043	0.0079	0.0129	-0.0015	-0.0017	0.0024	0.0147	0.0076	-0.0031
392	DIPLOMAT	21	0.0372	-0.0025	0.0002	0.0036	0.0033	0.0086	-0.0010	-0.0063	-0.0033
393	LAWYER	342	0.0625	0.0447	0.0591	-0.0095	-0.0278	0.0634	0.0497	0.0260	-0.0316
394	MARKET ANALYST	15	0.0032	0.0132	0.0104	0.0073	0.0004	0.0127	0.0010	0.0098	-0.0007
397	PUBLIC ADM (NEC)	16	0.0157	0.0049	0.0114	0.0142	0.0114	-0.0069	0.0148	-0.0025	0.0064
398	CITY PLANNER (NEC)	21	0.0192	0.0054	0.0094	-0.0037	0.0019	0.0063	0.0137	0.0024	-0.0091
400	TEACHER (NEC)	478	0.0082	-0.0085	0.0009	-0.0156	-0.0265	0.0275	0.0281	-0.0061	-0.0287
412	TEACHER-ELEM.	53	0.0006	0.0094	0.0034	0.0064	0.0065	0.0162	0.0159	-0.0002	-0.0049
420	TEACHER-HS (NEC)	98	0.0007	0.0011	0.0073	-0.0028	-0.0080	0.0223	0.0086	-0.0120	-0.0044
421	TEACHER-HS MATH	65	-0.0080	-0.0041	-0.0059	-0.0067	-0.0179	0.0144	0.0137	-0.0042	-0.0121
422	TEACHER-HS SCIENCE	68	0.0011	-0.0007	0.0050	0.0151	0.0094	0.0037	-0.0041	-0.0255	0.0006
423	TEACHER-HS SOC. ST.	85	0.0197	-0.0029	-0.0023	-0.0014	-0.0066	0.0134	0.0093	-0.0146	-0.0079
424	TEACHER-ENGLISH	38	0.0090	0.0012	0.0084	-0.0072	-0.0056	0.0048	0.0128	-0.0040	-0.0032
425	TEACHER-FOR. LANG.	14	0.0057	-0.0002	0.0041	-0.0134	-0.0116	-0.0052	0.0048	-0.0194	-0.0170
426	TEACHER-COMM. ED.	14	0.0063	0.0061	0.0075	0.0000	-0.0018	-0.0012	0.0124	0.0023	-0.0051
428	TEACHER-TRADES	50	-0.0067	0.0062	0.0081	0.0213	0.0297	0.0170	0.0114	0.0056	0.0041
429	TEACHER-PHYS. ED.	57	-0.0136	-0.0148	-0.0137	-0.0141	-0.0209	0.0401	0.0261	0.0075	-0.0080
431	TEACHER-ART	12	0.0081	-0.0038	0.0002	0.0071	0.0251	-0.0153	0.0136	0.0176	0.0081
432	TEACHER-MUSIC	30	-0.0048	0.0036	0.0137	0.0039	0.0053	-0.0222	0.0068	-0.0195	-0.0179
440	TEACHER-HANDICAPPED	12	0.0176	0.0088	0.0156	-0.0053	-0.0027	0.0015	0.0055	0.0061	0.0019
450	SCH. ADMIN. (EXC. COLL.)	45	0.0021	-0.0074	0.0027	-0.0143	-0.0084	0.0123	0.0272	0.0043	-0.0100
460	COLL/UNIV TCHR (NEC)	214	0.0477	0.0367	0.0479	-0.0012	-0.0054	0.0034	0.0323	0.0015	-0.0337
461	COLL/UNIV TCHR-MATH	30	0.0206	0.0041	0.0065	-0.0164	-0.0178	-0.0059	0.0014	-0.0191	-0.0306
462	COLL/UNIV TCHR-SCI	48	0.0414	0.0090	0.0132	0.0148	0.0057	0.0142	0.0195	-0.0064	-0.0105
463	COLL/UNIV TCHR-SOC SCI	81	0.0304	0.0062	0.0098	-0.0140	-0.0226	-0.0000	0.0100	-0.0043	-0.0474
464	COLL/UNIV TCHR-ENGLISH	44	0.0268	0.0064	0.0020	-0.0150	-0.0143	0.0018	0.0090	-0.0059	-0.0222
470	COLL/UNIV TCHR-ADM	13	-0.0096	0.0118	0.0210	0.0056	-0.0015	0.0048	0.0209	0.0072	0.0060
511	LIBRARIAN	9	0.0153	0.0081	0.0080	-0.0111	-0.0040	-0.0209	0.0035	-0.0206	-0.0092
521	CLERGYMAN	177	0.0373	0.0084	0.0172	-0.0219	-0.0146	-0.0137	0.0159	-0.0776	-0.0216
523	RELIGIOUS WORKER (OTHER)	23	-0.0099	-0.0051	0.0042	-0.0181	-0.0089	-0.0131	0.0189	-0.0207	-0.0053
531	WRITER (NEC)	21	0.0240	-0.0006	0.0050	0.0024	0.0072	-0.0070	0.0004	-0.0032	-0.0245
534	JOURNALIST/REPORTER	43	0.0166	0.0045	0.0072	-0.0166	-0.0160	-0.0025	0.0043	-0.0066	-0.0140
537	EDITOR	10	0.0020	-0.0025	-0.0005	-0.0202	-0.0153	0.0043	0.0053	0.0023	0.0121
541	FINE ARTS	22	0.0090	-0.0080	-0.0077	0.0049	0.0136	0.0008	0.0025	-0.0008	-0.0079
545	COMM ARTIST	54	-0.0053	0.0043	0.0020	0.0154	0.0273	0.0068	0.0113	-0.0116	-0.0062
547	DESIGNER (CONS GOODS)	14	-0.0079	-0.0056	-0.0098	-0.0022	0.0057	-0.0108	-0.0173	0.0020	0.0077
551	MUSICIAN	17	0.0019	0.0154	0.0134	-0.0129	-0.0072	-0.0088	0.0192	-0.0076	-0.0025

TABLE 4.1 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS								
			STUDENT INFORMATION BLANK SCALES (CONTD.)								
			AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
571	ACTOR	11	0.0177	-0.0065	-0.0028	-0.0085	-0.0026	-0.0084	-0.0047	-0.0007	-0.0128
575	THEATRE (OTHER)	25	0.0226	0.0160	0.0159	-0.0023	-0.0041	-0.0160	0.0075	-0.0101	-0.0056
578	RADIO/TV ANNOUN.	23	-0.0013	0.0022	0.0031	-0.0033	-0.0047	-0.0069	-0.0130	-0.0071	-0.0173
579	MISC PERF ARTS	10	0.0109	-0.0031	0.0011	-0.0161	-0.0069	-0.0164	-0.0145	-0.0016	-0.0073
611	PRO ATHLETE	12	-0.0074	-0.0082	-0.0053	-0.0053	-0.0064	0.0002	0.0158	0.0029	0.0036
612	PRO ATHLETICS (AUX)	10	-0.0128	0.0083	0.0093	-0.0144	-0.0176	0.0057	0.0179	-0.0022	-0.0035
621	RECREATION DIR.	14	-0.0103	-0.0062	-0.0000	0.0062	-0.0064	0.0151	0.0162	-0.0118	-0.0154
623	FRSTRY, HUNT, TRAP	22	0.0050	-0.0035	0.0013	0.0066	0.0071	-0.0325	-0.0105	-0.0037	0.0087
631	FARM/RANCH OWNER	123	-0.0379	0.0131	0.0221	0.0211	0.0347	-0.0215	0.0119	-0.0367	0.0186
632	FARM/RANCH MGR	8	0.0058	0.0048	0.0105	0.0088	0.0136	-0.0018	0.0041	-0.0019	0.0010
639	FARMING (OTHER)	204	-0.0472	0.0278	0.0135	0.0154	0.0175	-0.0666	-0.0019	-0.0629	-0.0169
640	MILITARY (RANK NOT IND)	51	0.0218	0.0106	0.0061	0.0054	0.0106	-0.0011	-0.0080	0.0079	0.0170
641	MILITARY-ENLISTED	27	0.0106	-0.0028	-0.0021	-0.0076	0.0034	-0.0207	-0.0126	0.0014	0.0030
642	MILITARY-OFFICER	111	0.0357	0.0198	0.0154	0.0079	-0.0004	0.0197	0.0157	0.0075	-0.0096
650	INTELLIGENCE-CIA, ETC.	15	-0.0003	0.0029	0.0014	-0.0014	-0.0020	-0.0007	0.0032	-0.0087	-0.0103
661	POLICE (PUBLIC)	188	-0.0185	-0.0124	-0.0101	-0.0220	-0.0046	-0.0025	-0.0097	0.0219	0.0223
666	FIREMAN	48	-0.0148	-0.0094	-0.0126	-0.0026	-0.0078	-0.0086	-0.0150	0.0065	0.0110
669	OTHER PROTECTIVE	19	-0.0026	0.0000	0.0071	0.0039	0.0017	-0.0017	-0.0035	0.0034	-0.0055
711A	BANKING & FINANCE, I	66	-0.0036	0.0003	-0.0017	-0.0167	-0.0174	-0.0068	-0.0031	0.0149	-0.0009
711B	BANKING & FINANCE, II	114	-0.0016	0.0013	-0.0062	0.0066	-0.0060	0.0199	0.0110	-0.0009	-0.0076
712	INVSTMNT,STOCK CONSULT	15	0.0049	0.0142	0.0250	0.0074	0.0141	0.0185	-0.0029	0.0158	-0.0029
716	CPA	167	-0.0026	-0.0181	-0.0156	-0.0120	-0.0152	0.0108	-0.0039	-0.0031	0.0222
717	ACCTANT (EXC CPA)	329	-0.0093	-0.0087	-0.0175	-0.0367	-0.0434	-0.0033	-0.0172	-0.0257	-0.0095
721	PURCHASING AGENT	40	-0.0086	0.0092	0.0142	0.0054	-0.0008	0.0196	0.0096	0.0138	0.0092
722	RETAIL BUYER	10	-0.0159	0.0183	0.0159	0.0159	0.0112	0.0132	-0.0076	-0.0040	-0.0008
723	EFFICIENCY EXPERT	130	0.0137	0.0092	0.0123	0.0157	0.0105	0.0239	0.0198	0.0123	0.0065
724	ADVERTISING	30	0.0108	0.0116	0.0137	-0.0110	-0.0111	0.0091	0.0233	0.0192	-0.0244
725	PUBLIC RELATIONS	44	0.0043	0.0166	0.0172	-0.0031	-0.0044	0.0196	0.0150	0.0228	0.0031
726	PERSONNEL ADMIN	72	0.0166	-0.0028	-0.0021	-0.0043	-0.0125	0.0120	0.0220	-0.0030	-0.0036
727	APPRAISING/ESTIMATING	35	-0.0101	0.0020	0.0039	0.0089	0.0079	0.0059	0.0064	0.0228	0.0074
728	LOAN/CREDIT INVESTIG	27	-0.0178	-0.0081	-0.0085	-0.0079	-0.0055	0.0085	-0.0103	0.0127	0.0169
730	BUS MGMT/ADMIN (NEC)	514	0.0014	0.0067	0.0070	-0.0047	-0.0083	0.0323	0.0069	0.0241	0.0020
731	MFG MGMT	55	0.0045	0.0083	0.0075	0.0110	0.0023	0.0198	0.0106	0.0102	-0.0037
732	WHSL/RET TRADE MGMT/MKTG	204	-0.0057	0.0057	0.0075	-0.0079	-0.0164	0.0186	-0.0022	0.0224	0.0275
738	SUPERVISOR IN BUS	53	-0.0073	-0.0112	-0.0098	0.0014	0.0063	-0.0082	-0.0165	0.0129	0.0271
741	SALESCLERK	27	-0.0023	-0.0085	-0.0069	-0.0055	-0.0062	-0.0147	-0.0030	0.0198	0.0127
743	STOCKBROKER	17	-0.0030	0.0048	0.0104	0.0044	-0.0075	0.0024	0.0055	0.0167	-0.0136
745	REAL EST SLSMAN	24	-0.0022	0.0143	0.0134	0.0040	-0.0038	0.0055	0.0006	0.0162	-0.0028
746	INSURANCE SLSMAN	69	0.0041	0.0002	0.0036	0.0026	-0.0015	0.0200	0.0128	0.0177	0.0084
747	AUTO SLSMAN	11	-0.0109	-0.0025	-0.0067	0.0003	-0.0020	-0.0057	-0.0142	0.0079	0.0158
748	OTHER SLSMAN (NEC)	327	-0.0006	0.0119	0.0156	0.0007	-0.0019	0.0277	0.0270	0.0411	0.0370
749	SALES MGR	63	0.0007	0.0066	0.0037	-0.0059	-0.0025	0.0173	0.0099	0.0280	0.0003
751	BOOKKEEPER	12	-0.0009	-0.0015	-0.0044	0.0061	0.0009	0.0110	-0.0059	-0.0040	0.0067
755	MISC ACCT RECDG	13	-0.0016	-0.0114	-0.0106	0.0022	-0.0019	0.0114	-0.0070	-0.0247	-0.0016
758	COMPUTER OPERATOR	97	-0.0026	-0.0125	-0.0107	-0.0126	-0.0148	-0.0086	-0.0189	-0.0063	0.0005
769	CLERK (MISC)	23	-0.0139	-0.0152	-0.0141	-0.0090	-0.0051	-0.0131	-0.0047	0.0114	0.0015
772	OFFICE MGR	21	-0.0056	0.0045	-0.0013	0.0079	0.0024	-0.0112	-0.0071	0.0045	-0.0083
789	OTHER "PUB CONTACT" OCCS	10	-0.0154	0.0020	0.0024	0.0002	0.0028	-0.0117	-0.0007	0.0041	0.0121
791	RADIO, TELEGR, TTY OP	16	0.0039	-0.0038	-0.0016	-0.0066	-0.0033	-0.0077	0.0034	-0.0049	-0.0046
796	MAIL CARRIER	20	-0.0166	-0.0110	-0.0190	-0.0059	-0.0129	-0.0023	-0.0050	-0.0076	-0.0001
797	MISC CLERICAL	108	-0.0154	0.0068	-0.0031	-0.0065	0.0006	-0.0118	-0.0095	0.0046	0.0090
798	MISC ADMINISTRATIVE	59	0.0105	-0.0031	-0.0018	-0.0012	0.0011	0.0008	0.0154	-0.0007	-0.0072
810	ELECTRICIAN	211	-0.0155	-0.0126	-0.0158	-0.0024	0.0113	-0.0195	-0.0235	0.0054	0.0258
811	ELECTRONIC TECHNICIAN	258	0.0045	-0.0292	-0.0317	0.0110	0.0079	-0.0269	-0.0276	-0.0131	0.0091
812	APPLIANCE REPAIR	51	-0.0123	-0.0162	-0.0139	0.0157	0.0239	-0.0074	-0.0136	-0.0118	0.0163
813	PHONE INSTALL & REPAIR	53	-0.0096	-0.0104	-0.0112	0.0050	0.0082	0.0049	-0.0166	0.0203	-0.0032
814	REPAIR AND SERV COMP	40	-0.0023	-0.0119	-0.0095	0.0008	0.0143	-0.0020	-0.0067	0.0030	0.0097
820	MECHANIC (NEC)	133	-0.0337	-0.0127	-0.0206	0.0069	0.0079	-0.0385	-0.0256	-0.0098	0.0139
821	AUTO MECHANIC	112	-0.0233	-0.0129	-0.0198	0.0085	0.0243	-0.0371	-0.0250	-0.0184	0.0231
822	AIRPLANE MECHANIC	101	-0.0154	-0.0014	-0.0091	0.0132	0.0206	-0.0111	-0.0088	0.0094	0.0249
823	OFFICE MACH REPAIR	14	0.0034	-0.0064	-0.0056	-0.0002	0.0003	-0.0227	-0.0041	-0.0035	0.0061
824	IND MACH REPAIR	28	-0.0306	-0.0184	-0.0244	-0.0026	-0.0041	-0.0237	-0.0301	-0.0045	0.0095
828	MACHINIST	276	-0.0436	-0.0339	-0.0387	0.0147	0.0232	-0.0274	-0.0421	0.0198	0.0272
831	CABINET MAKER	11	-0.0026	-0.0053	-0.0086	-0.0152	-0.0107	0.0024	-0.0138	-0.0150	-0.0041
832	CARPENTER	63	-0.0180	-0.0047	-0.0112	0.0181	0.0224	-0.0186	-0.0130	-0.0013	0.0193
833	METAL TRADES	119	-0.0372	-0.0088	-0.0236	0.0072	0.0152	-0.0107	-0.0205	0.0143	0.0252
834	BRKLYR, MASON, PTR, RFR	66	-0.0049	0.0225	0.0161	0.0191	0.0282	-0.0171	-0.0172	0.0013	0.0217
835	PLUMBER, PIPEFITTER	81	-0.0096	-0.0222	-0.0209	-0.0061	-0.0033	-0.0098	-0.0242	0.0151	0.0293
836	HEAVY EQUIP OP	42	-0.0134	0.0008	-0.0003	0.0015	0.0109	-0.0139	0.0014	-0.0020	0.0179
837	MISC BLDG & CONST	43	-0.0156	-0.0107	-0.0165	0.0194	0.0172	-0.0016	-0.0145	0.0033	0.0162
838	MINING, QUARRYING, DRLNG	12	-0.0159	0.0180	0.0077	0.0107	0.0181	0.0062	0.0122	0.0169	0.0171
841	PILOT	164	0.0188	-0.0074	-0.0000	0.0042	0.0014	0.0240	-0.0007	-0.0132	-0.0047
843	AIRPLANE NAVIGATOR	10	0.0227	0.0045	0.0071	0.0108	0.0062	0.0095	0.0151	0.0016	0.0018
848	AIR TRAFFIC CONTROLLER	10	0.0128	-0.0018	0.0031	0.0050	0.0046	0.0104	-0.0059	0.0046	0.0018
851	MERCHANT MARINE OCC	14	0.0081	0.0055	0.0120	0.0113	0.0178	0.0143	-0.0004	0.0009	0.0083
852	RAILROAD OCCS	22	-0.0053	-0.0015	0.0037	-0.0043	-0.0025	-0.0039	0.0063	0.0241	0.0128
853	AUTO, BUS, TRUCK DRIVER	91	-0.0339	-0.0186	-0.0163	0.0028	0.0098	-0.0366	-0.0167	-0.0040	0.0218
861	PRINTING TRADES	104	-0.0260	-0.0085	-0.0207	-0.0145	-0.0055	-0.0145	-0.0209	0.0182	0.0241
863	SURVEYOR	20	0.0022	0.0090	-0.0012	-0.0004	0.0005	0.0007	0.0056	0.0036	0.0066
864	DRAFTSMAN	134	-0.0168	-0.0213	-0.0223	0.0097	0.0139	-0.0110	-0.0089	0.0185	0.0042
865	PHOTOGRAPHY	37	0.0088	-0.0084	-0.0020	-0.0002	0.0065	-0.0040	-0.0139	-0.0082	-0.0195
866	INTERIOR DECORATOR	8	-0.0064	-0.0008	0.0044	0.0020	-0.0059	-0.0044	-0.0047	0.0107	0.0149
867	LANDSCAPE ARCH	9	0.0010	0.0177	0.0097	0.0178	0.0184	0.0198	0.0184	0.0067	0.0116
881	FOOD & BEVERAGE PREP	20	-0.0141	0.0069	0.0027	0.0074	0.0180	-0.0079	-0.0063	0.0110	-0.0033
885	BUTCHER, MEAT CUTTER	35	-0.0229	-0.0029	-0.0054	-0.0058	-0.0033	-0.0027	-0.0028	0.0067	0.0206
891	MISC PERSONAL SERV	8	-0.0067	0.0105	-0.0013	-0.0028	0.0048	-0.0075	0.0148	0.0131	0.0035
892	BARBER	29	-0.0093	0.0201	0.0185	0.0050	0.0068	-0.0069	-0.0056	-0.0013	0.0062
893	HAIRDRESSER	18	0.0065	-0.0000	-0.0093	-0.0207	-0.0084	-0.0176	0.0009	0.0136	-0.0144
899	GENERAL LABORER	314	-0.0248	-0.0100	-0.0214	-0.0102	-0.0014	-0.0548	-0.0404	-0.0116	0.0189

TABLE 4.2

POINT BISERIAL CORRELATIONS BETWEEN HIGH SCHOOL TEST SCORES AND MEMBERSHIP IN AN OCCUPATIONAL GROUP FIVE YEARS OUT OF HIGH SCHOOL.
DATA GIVEN FOR 109 COGNITIVE AND NON-COGNITIVE VARIABLES ON 11TH GRADE FEMALES

			POINT BISERIAL CORRELATIONS									
			INFORMATION TEST I									
#	GROUP	N	SCREENING	VOCABULARY I	LITERATURE	MUSIC	SOCIAL STUDIES	MATHEMATICS	PHYSICAL SCIENCES	BIOL SCIENCES	SCIENT ATTIT	AERO & SPACE
			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110
000	NO ANSWER	1522	-0.0520	-0.1043	-0.1103	-0.1034	-0.1234	-0.1127	-0.0938	-0.0770	-0.0957	-0.0472
001	DON'T KNOW	166	-0.0108	-0.0002	0.0129	-0.0043	0.0042	0.0174	0.0056	0.0160	0.0137	0.0121
010	HOUSEWIFE	6168	0.0048	-0.0677	-0.1665	-0.1441	-0.1609	-0.2188	-0.1741	-0.1343	-0.0848	-0.0792
020	NO SPEC INCOME JOB	4	0.0056	0.0046	-0.0015	0.0061	-0.0027	-0.0076	0.0030	0.0062	0.0089	0.0129
101	EXECUTIVE (NEC)	2	0.0039	0.0039	0.0055	0.0143	-0.0001	-0.0028	0.0096	0.0095	0.0031	0.0141
102	FOREMAN (NEC)	2	-0.0184	-0.0202	-0.0208	-0.0178	-0.0275	-0.0090	-0.0084	-0.0059	-0.0191	-0.0192
111	WORK FOR GOVT (NEC)	31	-0.0034	-0.0049	0.0079	-0.0022	0.0096	-0.0005	0.0013	0.0094	-0.0063	0.0047
112	IN BUS FOR SELF (NEC)	33	-0.0097	0.0032	0.0019	0.0004	-0.0116	-0.0102	-0.0056	-0.0031	0.0110	0.0048
120	IND, BUS, COMM (NEC)	26	-0.0251	-0.0212	-0.0090	-0.0168	-0.0084	-0.0134	-0.0144	-0.0106	-0.0161	-0.0065
121	RETAIL (NEC)	2	-0.0035	0.0052	0.0029	-0.0017	0.0070	0.0140	0.0066	-0.0008	0.0126	0.0041
122	TRANSPORTATION (NEC)	6	0.0025	0.0052	-0.0019	-0.0018	-0.0092	-0.0102	-0.0162	-0.0058	0.0017	0.0052
123	REAL ESTATE (NEC)	5	0.0015	0.0074	-0.0071	0.0100	-0.0104	-0.0063	-0.0009	-0.0012	0.0109	0.0096
124	INSURANCE (NEC)	7	0.0074	-0.0117	-0.0024	-0.0129	-0.0063	-0.0152	-0.0037	-0.0083	0.0007	0.0139
125	ELECTRONICS (NEC)	2	0.0039	-0.0255	-0.0024	-0.0118	-0.0097	-0.0059	-0.0099	0.0018	-0.0064	0.0041
140	"WORK WITH PEOPLE" (NEC)	2	0.0039	0.0039	-0.0050	-0.0078	-0.0025	-0.0059	0.0051	0.0095	0.0094	-0.0059
141	"WORK W CHILDREN" (NEC)	7	-0.0086	-0.0138	-0.0150	-0.0226	-0.0171	-0.0113	-0.0109	-0.0097	-0.0077	-0.0092
211	MATH, STAT	20	0.0007	0.0136	0.0294	0.0187	0.0293	0.0531	0.0512	0.0212	0.0268	0.0288
221	SYSTEMS ANALYST	14	0.0020	0.0103	0.0135	0.0205	0.0230	0.0440	0.0299	0.0135	0.0250	0.0146
222	COMPUTER PROGRAMMER	53	0.0102	0.0174	0.0398	0.0290	0.0371	0.0701	0.0466	0.0181	0.0190	0.0240
229	COMPUTER SPEC (NEC)	4	0.0003	0.0084	0.0050	0.0061	0.0023	0.0153	0.0168	0.0062	0.0044	0.0176
230	PHYSICAL SCI (NEC)	3	-0.0013	0.0064	0.0164	0.0044	0.0061	0.0094	0.0118	0.0096	-0.0040	0.0172
231	CHEMIST	15	0.0108	0.0192	0.0280	0.0210	0.0294	0.0451	0.0411	0.0252	0.0189	0.0179
299	PHYS SCI, LAB TECH	29	0.0072	0.0041	0.0019	0.0040	0.0077	0.0090	0.0185	0.0018	0.0060	0.0090
310	BIOLOGIST, ZOOLOGIST	20	0.0125	0.0195	0.0377	0.0308	0.0338	0.0356	0.0455	0.0269	0.0208	0.0340
315	PHARMACOLOGIST	4	0.0003	0.0093	0.0189	0.0217	0.0192	0.0256	0.0284	0.0062	0.0066	0.0199
316	MICROBIOLOGIST	13	0.0042	0.0155	0.0196	0.0161	0.0228	0.0372	0.0280	0.0263	0.0265	0.0150
317	BIOCHEMIST	8	0.0079	0.0085	0.0248	0.0197	0.0229	0.0310	0.0289	0.0191	0.0157	0.0248
319	OTHER CHEM SCI	3	-0.0378	-0.0176	-0.0019	-0.0136	-0.0007	-0.0017	0.0032	0.0096	-0.0117	0.0009
329	MD-OTHER	8	0.0042	0.0058	0.0333	0.0207	0.0170	0.0316	0.0229	0.0152	0.0157	0.0215
333	VETERINARIAN	2	0.0039	0.0079	0.0121	0.0103	0.0165	0.0150	0.0096	0.0095	0.0063	0.0141
335	PHARMACIST	14	0.0104	0.0144	0.0304	0.0281	0.0221	0.0393	0.0345	0.0203	0.0142	0.0272
337	RN	591	0.0236	0.0631	0.0748	0.0611	0.0904	0.1130	0.1053	0.0865	0.0601	0.0383
341	DENTAL HYGIENIST	32	0.0046	0.0150	0.0213	0.0137	0.0233	0.0381	0.0144	0.0150	0.0172	0.0189
343	PHYSICAL THERAPIST	16	0.0112	0.0120	0.0169	0.0150	0.0135	0.0221	0.0155	0.0160	0.0200	0.0092
344	OCCUPATIONAL THERAP	13	0.0071	0.0144	0.0207	0.0303	0.0242	0.0278	0.0280	0.0303	0.0303	0.0294
346	SPEC THERAP (MISC)	15	0.0026	0.0114	0.0203	0.0283	0.0211	0.0268	0.0236	0.0148	0.0073	0.0155
347	MED/DENT TECHNOLOGIST	93	0.0072	0.0230	0.0315	0.0375	0.0374	0.0653	0.0696	0.0405	0.0212	0.0420
348	MED/DENT TECHNICIAN	138	-0.0149	-0.0021	-0.0099	-0.0042	-0.0095	-0.0164	-0.0083	-0.0045	-0.0151	0.0144
360	PSYCHOLOGIST	47	-0.0009	0.0218	0.0614	0.0460	0.0454	0.0669	0.0627	0.0329	0.0314	0.0326
369	PSYCH RES ASST	3	0.0048	0.0075	0.0142	0.0061	0.0139	0.0222	0.0130	0.0054	0.0141	-0.0045
370	SOCIAL WORKER	177	0.0110	0.0356	0.0586	0.0532	0.0533	0.0670	0.0494	0.0425	0.0269	0.0122
371	PSYCHIATRIC SOC WRKER	12	0.0066	0.0090	0.0220	0.0089	0.0113	0.0304	0.0174	0.0170	0.0037	-0.0036
372	COUNSELING/GUIDANCE	12	-0.0056	0.0057	0.0091	0.0081	0.0084	0.0205	0.0015	0.0044	0.0076	-0.0090
373	VOC/ED GUIDANCE	40	0.0026	0.0187	0.0387	0.0390	0.0263	0.0482	0.0416	0.0254	0.0295	0.0034
382	ECONOMIST	2	0.0039	0.0012	0.0055	-0.0017	0.0022	0.0066	0.0096	0.0070	0.0094	-0.0059
383	SOCIOLOGIST	2	0.0039	-0.0001	0.0094	0.0023	0.0034	-0.0038	-0.0009	0.0070	-0.0096	0.0008
384	ANTHROPOLOGIST	4	0.0056	0.0150	0.0235	0.0199	0.0107	0.0160	0.0157	0.0171	0.0044	0.0081
389	SOCIAL SCI (MISC)	6	0.0068	0.0099	0.0269	0.0202	0.0217	0.0314	0.0184	0.0210	0.0163	0.0186
391	POLITICIAN	5	0.0062	0.0117	0.0161	0.0189	0.0062	-0.0044	-0.0038	0.0004	0.0049	-0.0030
392	DIPLOMAT	3	0.0048	0.0064	0.0164	0.0143	0.0139	0.0069	0.0081	0.0117	0.0064	0.0118
393	LAWYER	11	0.0061	0.0146	0.0386	0.0431	0.0268	0.0425	0.0327	0.0212	0.0221	0.0188
394	MARKET ANALYST	3	0.0048	0.0020	0.0067	0.0126	0.0100	0.0214	0.0118	0.0075	0.0012	0.0064
398	CITY PLANNER (NEC)	3	0.0048	0.0053	0.0271	0.0192	0.0159	0.0307	0.0228	0.0180	0.0219	0.0227
400	TEACHER (NEC)	1326	0.0344	0.0942	0.1463	0.1350	0.1516	0.1868	0.1355	0.1027	0.1077	0.0407
410	TCHNG YNG CHILDREN	10	-0.0079	0.0123	0.0158	0.0087	0.0093	0.0209	0.0175	0.0155	0.0069	0.0151
411	TCHNG PRESCH CHILDREN	30	0.0095	0.0182	0.0172	0.0250	0.0207	0.0114	0.0124	0.0150	0.0030	0.0012
412	TEACHER-ELEM	616	0.0082	0.0590	0.0651	0.0779	0.0788	0.1046	0.0607	0.0519	0.0494	0.0152
420	TEACHER-HS (NEC)	81	0.0075	0.0267	0.0521	0.0317	0.0464	0.0542	0.0509	0.0417	0.0292	0.0259
421	TEACHER-HS MATH	35	0.0079	0.0163	0.0304	0.0164	0.0322	0.0669	0.0475	0.0228	0.0154	0.0174
422	TEACHER-HS SCIENCE	30	-0.0078	0.0082	0.0240	0.0172	0.0317	0.0509	0.0419	0.0376	0.0267	0.0184
423	TEACHER-HS SOC STUD	54	0.0133	0.0208	0.0531	0.0317	0.0479	0.0444	0.0387	0.0337	0.0283	0.0239
424	TEACHER-ENGLISH	132	0.0082	0.0368	0.0809	0.0698	0.0659	0.0663	0.0587	0.0449	0.0437	0.0211
425	TEACHER-FOREIGN LANG	46	0.0096	0.0246	0.0532	0.0379	0.0555	0.0572	0.0361	0.0200	0.0380	0.0183
426	TEACHER-COMM ED	57	-0.0097	-0.0004	-0.0166	-0.0028	-0.0042	-0.0091	-0.0122	-0.0109	-0.0001	0.0022
427	TEACHER-HS HOME EC	68	0.0102	0.0219	0.0153	0.0148	0.0239	0.0322	0.0260	0.0203	0.0127	-0.0116
428	TEACHER-TRADES	4	0.0056	0.0074	0.0105	0.0089	0.0065	0.0087	0.0125	0.0207	0.0111	0.0034
429	TEACHER-PHYS ED	59	0.0173	-0.0011	0.0152	0.0162	0.0255	0.0255	0.0246	0.0153	0.0087	0.0232
431	TEACHER-ART	50	0.0063	0.0190	0.0361	0.0243	0.0346	0.0326	0.0298	0.0446	0.0231	0.0252
432	TEACHER-MUSIC	65	-0.0011	0.0189	0.0232	0.0611	0.0123	0.0338	0.0206	0.0142	0.0177	0.0020
440	TEACHER-HANDICAPPED	70	0.0158	0.0161	0.0334	0.0258	0.0256	0.0341	0.0227	0.0212	0.0200	0.0169
441	SPEECH THERAPIST	39	0.0090	0.0195	0.0248	0.0329	0.0243	0.0210	0.0200	0.0345	0.0123	0.0049
450	SCHOOL ADM (EXC COLL)	5	0.0062	-0.0053	0.0078	0.0100	0.0024	0.0075	0.0076	-0.0045	-0.0031	0.0096
460	COLL/UNIV TCHR (NEC)	107	0.0085	0.0388	0.0774	0.0728	0.0635	0.0838	0.0772	0.0572	0.0379	0.0376
461	COLL/UNIV TCHR-MATH	10	0.0088	0.0075	0.0228	0.0240	0.0226	0.0401	0.0282	0.0190	0.0183	0.0121
462	COLL/UNIV TCHR-SCIENCE	17	0.0115	0.0240	0.0485	0.0356	0.0414	0.0579	0.0624	0.0410	0.0308	0.0468
463	COLL/UNIV TCHR-SOC SCI	15	-0.0020	0.0139	0.0406	0.0242	0.0303	0.0310	0.0303	0.0260	0.0121	0.0092
464	COLL/UNIV TCHR-ENGLISH	32	0.0139	0.0193	0.0542	0.0343	0.0432	0.0593	0.0373	0.0349	0.0401	0.0281
465	COLL/UNIV TCHR-FOR LANG	19	0.0097	0.0175	0.0348	0.0318	0.0330	0.0427	0.0359	0.0177	0.0250	0.0207
470	COLL/UNIV TCHR-ADM	4	0.0056	0.0093	0.0170	0.0146	0.0149	0.0160	0.0030	0.0080	0.0044	0.0129
499	AUX JOBS IN EDUC	3	-0.0317	-0.0165	-0.0148	-0.0202	-0.0133	-0.0076	-0.0115	-0.0051	-0.0195	-0.0099
511	LIBRARIAN	77	0.0028	0.0224	0.0528	0.0412	0.0548	0.0482	0.0420	0.0372	0.0305	0.0462
521	CLERGYMAN	7	0.0074	0.0091	0.0187	0.0150	0.0090	0.0066	0.0068	0.0054	0.0092	0.0050
522	MONK, BROTHER, NUN	29	0.0013	0.0143	0.0278	0.0135	0.0262	0.0285	0.0228	0.0147	0.0110	0.0099

TABLE 4.2 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INFORMATION TEST I									
			SCREENING	VOCABULARY I	LITERATURE	MUSIC	SOCIAL STUDIES	MATHEMATICS	PHYSICAL SCIENCES	BIOL SCIENCES	SCIENT ATTIT	AERO & SPACE
			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110
523	RELIG WORKER (OTHER)	35	0.0058	0.0030	0.0063	0.0062	0.0030	0.0092	0.0087	-0.0026	0.0031	0.0016
531	WRITER (NEC)	28	0.0068	0.0160	0.0413	0.0285	0.0208	0.0291	0.0159	0.0150	0.0243	0.0135
532	FICTION WRITER	5	0.0062	0.0041	0.0178	0.0163	0.0107	0.0069	0.0010	0.0134	-0.0011	0.0096
533	NONFIC WRTR (EXC JRNLIST)	5	0.0015	0.0100	0.0294	0.0176	0.0175	0.0300	0.0247	0.0232	0.0169	0.0181
534	JOURNALIST/REPORTER	23	0.0090	0.0127	0.0392	0.0214	0.0324	0.0276	0.0268	0.0187	0.0273	0.0213
536	PUBLISHER, ETC.	4	0.0003	0.0112	0.0068	0.0231	0.0141	0.0050	0.0104	0.0098	0.0133	0.0058
537	EDITOR	10	0.0021	0.0153	0.0293	0.0312	0.0172	0.0242	0.0195	0.0109	0.0211	0.0196
539	TRANSLAT, INTERPR, LINGST	13	-0.0046	0.0092	0.0238	0.0224	0.0199	0.0225	0.0174	0.0213	0.0154	0.0098
541	FINE ARTS	42	0.0099	0.0235	0.0300	0.0307	0.0246	0.0261	0.0375	0.0291	0.0274	0.0311
545	COMM ARTIST	35	0.0022	0.0146	0.0129	0.0158	0.0115	-0.0000	0.0148	0.0288	0.0046	0.0207
547	DESIGNER (CONS GDS)	3	-0.0074	0.0053	0.0239	0.0192	0.0159	0.0290	0.0191	0.0285	0.0090	0.0336
551	MUSICIAN	7	0.0074	0.0120	0.0236	0.0344	0.0210	0.0306	0.0244	0.0151	0.0058	0.0014
552	SINGER	13	-0.0016	0.0002	-0.0005	0.0003	-0.0025	-0.0029	-0.0114	0.0011	-0.0070	-0.0007
559	MUSIC-RELATED (MISC)	2	0.0039	0.0079	0.0055	0.0143	0.0106	0.0046	0.0081	0.0070	0.0031	0.0041
560	DANCER, CHOREOG	12	-0.0238	-0.0014	-0.0005	0.0064	-0.0023	-0.0085	0.0003	0.0044	-0.0015	-0.0076
571	ACTOR	8	0.0004	0.0078	0.0136	0.0086	0.0051	0.0049	0.0080	0.0113	-0.0001	0.0065
572	THEATRICAL DIRECTING	2	-0.0110	0.0066	0.0081	0.0083	-0.0013	0.0004	0.0051	0.0095	0.0126	0.0074
575	THEATRE (OTHER)	11	-0.0289	-0.0043	0.0022	0.0114	-0.0067	0.0122	-0.0011	-0.0007	0.0086	-0.0025
579	MISC PERF ARTS	3	0.0048	0.0064	0.0046	0.0094	0.0139	-0.0051	-0.0054	-0.0030	0.0090	-0.0072
581	MODEL	8	0.0042	-0.0129	-0.0081	-0.0015	-0.0104	-0.0050	-0.0070	-0.0183	0.0062	-0.0051
611	PRO ATHLETE	2	0.0039	0.0052	0.0002	-0.0078	-0.0037	-0.0007	-0.0009	-0.0008	-0.0032	0.0174
621	RECREATION DIR	8	0.0042	-0.0036	0.0070	0.0106	-0.0009	0.0055	0.0027	-0.0015	0.0078	0.0032
631	FARM/RANCH OWNER	3	0.0048	-0.0034	-0.0040	-0.0054	-0.0036	-0.0068	-0.0041	0.0012	0.0038	-0.0045
639	FARMING (OTHER)	4	0.0056	-0.0039	0.0050	0.0018	0.0091	-0.0009	0.0030	0.0026	-0.0068	0.0034
661	POLICE (PUBLIC)	5	-0.0126	-0.0086	-0.0005	-0.0078	-0.0044	-0.0116	-0.0085	-0.0142	0.0009	0.0012
711A	BANKING & FINANCE, I	13	0.0013	-0.0076	-0.0180	-0.0218	-0.0211	-0.0148	-0.0102	-0.0120	-0.0169	-0.0033
711B	BANKING & FINANCE, II	3	-0.0013	0.0042	0.0099	0.0044	0.0120	0.0069	0.0105	-0.0009	0.0012	0.0200
716	CPA	8	0.0042	-0.0002	0.0142	0.0126	0.0033	0.0081	0.0125	-0.0002	0.0125	-0.0001
717	ACCTANT (EXC CPA)	87	0.0102	0.0100	0.0057	-0.0059	0.0073	0.0092	0.0059	-0.0012	0.0099	-0.0197
721	PURCHASING AGENT	3	0.0048	0.0119	0.0024	-0.0054	-0.0016	0.0094	0.0069	0.0054	0.0064	-0.0045
722	RETAIL BUYER	27	0.0043	0.0014	0.0069	0.0139	0.0142	0.0067	-0.0092	-0.0070	-0.0128	-0.0035
724	ADVERTISING	23	0.0046	0.0107	0.0349	0.0303	0.0288	0.0162	0.0180	0.0156	0.0180	0.0252
725	PUBLIC RELATIONS	17	0.0115	0.0102	0.0191	0.0136	0.0129	0.0088	0.0033	0.0039	0.0123	-0.0058
726	PERSONNEL ADMIN	21	0.0059	0.0162	0.0239	0.0217	0.0210	0.0265	0.0283	0.0269	0.0169	0.0292
727	APPRAISING/ESTIMATING	15	0.0112	0.0101	0.0071	-0.0006	0.0080	0.0048	0.0118	0.0169	0.0088	0.0128
728	LOAN/CREDIT INVESTIG	2	0.0039	-0.0055	0.0002	-0.0017	0.0034	-0.0111	0.0021	0.0044	-0.0127	0.0041
730	BUS, MGMT, ADM (NEC)	26	0.0080	0.0156	0.0169	0.0144	0.0239	0.0048	0.0089	0.0058	0.0103	0.0148
732	WHSL/RET TRADE MGMT/MKTG	17	0.0115	0.0070	0.0173	0.0163	0.0214	0.0095	0.0110	0.0119	0.0134	0.0125
738	SUPERVISOR IN BUS	6	-0.0190	-0.0110	0.0019	-0.0018	-0.0092	-0.0114	-0.0033	-0.0058	-0.0074	-0.0025
741	SALESCLERK	35	-0.0325	-0.0371	-0.0384	-0.0443	-0.0349	-0.0361	-0.0281	-0.0215	-0.0197	-0.0117
743	STOCKBROKER	2	0.0039	-0.0068	-0.0090	-0.0118	-0.0049	-0.0048	-0.0069	-0.0188	-0.0001	-0.0026
745	REAL EST SLSMAN	5	0.0062	0.0108	0.0028	0.0100	-0.0066	-0.0090	-0.0066	0.0020	0.0029	0.0033
746	INSURANCE SLSMAN	6	0.0025	-0.0010	-0.0133	0.0040	-0.0030	-0.0078	-0.0024	-0.0102	0.0017	0.0032
748	OTHER SLSMAN (NEC)	15	-0.0110	-0.0042	-0.0056	-0.0106	-0.0093	-0.0083	-0.0093	-0.0030	-0.0066	-0.0076
751	BOOKKEEPER	100	0.0058	-0.0152	-0.0240	-0.0220	-0.0138	-0.0236	-0.0269	-0.0365	-0.0230	-0.0092
752	TELLER OR BANK CLERK	32	-0.0047	-0.0242	-0.0304	-0.0291	-0.0196	-0.0215	-0.0245	-0.0147	-0.0137	-0.0094
753	CASHIER	6	0.0058	0.0083	-0.0193	-0.0146	-0.0216	-0.0060	-0.0197	-0.0102	-0.0184	-0.0179
755	MISC ACCT RECDG	45	0.0112	-0.0176	-0.0184	-0.0175	-0.0141	-0.0263	-0.0161	-0.0144	-0.0274	-0.0026
756	KEYPUNCH OP	69	-0.0188	-0.0189	-0.0299	-0.0215	-0.0202	-0.0303	-0.0189	-0.0234	-0.0153	-0.0052
757	KEYPUNCH INSTRUC	3	0.0048	-0.0067	-0.0115	-0.0070	-0.0123	-0.0042	-0.0090	-0.0198	-0.0040	-0.0154
758	COMPUTER OP	57	-0.0111	-0.0202	-0.0190	-0.0277	-0.0165	-0.0243	-0.0147	-0.0113	-0.0232	0.0060
761	SECRETARY (NEC)	851	-0.0011	-0.0111	-0.0482	-0.0331	-0.0253	-0.0825	-0.0596	-0.0343	-0.0335	-0.0309
762	SECRETARY-BOOKKEEPER	26	0.0080	0.0044	-0.0076	-0.0113	-0.0058	-0.0033	-0.0136	-0.0028	-0.0143	-0.0056
763	MED/DENT SECRETARY	39	-0.0046	0.0095	0.0058	0.0083	0.0003	-0.0112	-0.0075	0.0077	0.0036	-0.0027
764	LEGAL SECRETARY	45	0.0109	0.0014	-0.0131	-0.0057	-0.0134	-0.0113	-0.0123	-0.0221	-0.0080	-0.0090
765	STENO, CRT REPRTR	48	0.0102	-0.0052	-0.0083	-0.0101	-0.0126	-0.0163	-0.0071	-0.0095	-0.0120	0.0024
766	TYPIST, CLRK TYPIST	68	-0.0270	-0.0393	-0.0276	-0.0236	-0.0311	-0.0328	-0.0312	-0.0301	-0.0314	-0.0207
769	CLERK (MISC)	99	-0.0232	-0.0226	-0.0367	-0.0265	-0.0423	-0.0477	-0.0371	-0.0333	-0.0283	-0.0312
771	OFFICE SUPERVISOR	18	0.0044	-0.0044	0.0072	-0.0045	0.0012	-0.0020	-0.0072	-0.0135	0.0019	-0.0033
772	OFFICE MANAGER	14	0.0076	0.0032	-0.0098	-0.0008	-0.0094	-0.0101	0.0022	-0.0098	0.0070	0.0020
781	PHONE, PBX OP	21	-0.0102	-0.0210	-0.0216	-0.0106	-0.0275	-0.0205	-0.0188	-0.0120	-0.0242	-0.0109
789	OTHER "PUB CONT" OCCS	38	0.0035	-0.0026	-0.0075	-0.0159	-0.0069	-0.0142	-0.0187	-0.0199	-0.0156	-0.0028
791	RADIO, TELEGR, TELETYPE OP	6	-0.0061	-0.0010	-0.0019	-0.0007	0.0025	-0.0102	-0.0136	-0.0028	0.0090	-0.0006
797	MISC CLERICAL	25	0.0013	-0.0171	-0.0152	-0.0232	-0.0071	-0.0180	-0.0101	-0.0049	-0.0240	0.0055
798	MISC ADMINISTRATIVE	14	0.0048	0.0174	0.0225	0.0083	0.0145	0.0215	0.0011	0.0038	0.0166	0.0071
810	ELECTRICIAN	2	-0.0110	-0.0041	-0.0037	-0.0098	-0.0073	-0.0059	-0.0084	-0.0059	-0.0127	-0.0126
811	ELECTRONIC TECH	2	0.0039	-0.0041	-0.0077	-0.0098	-0.0073	-0.0142	-0.0009	-0.0085	-0.0127	0.0074
853	AUTO, BUS, TRUCK DRIVER	2	-0.0184	-0.0108	-0.0103	-0.0078	-0.0109	-0.0017	0.0036	-0.0008	-0.0127	0.0041
861	PRINTING TRADES	5	0.0062	-0.0103	0.0037	-0.0040	0.0009	0.0003	-0.0009	-0.0028	-0.0011	0.0033
864	DRAFTSMAN	4	0.0056	-0.0144	0.0012	0.0075	0.0006	-0.0069	0.0019	-0.0029	-0.0135	0.0011
865	PHOTOGRAPHY	11	-0.0003	0.0146	0.0073	0.0131	0.0050	-0.0038	0.0027	0.0059	0.0100	0.0061
866	INTERIOR DECORATOR	31	0.0080	0.0087	0.0169	0.0054	0.0129	0.0008	0.0146	0.0159	0.0042	-0.0063
868	CLTHNG & FASHN TRADES	41	-0.0184	-0.0233	-0.0211	-0.0296	-0.0268	-0.0083	-0.0224	-0.0069	-0.0301	-0.0105
871	DIETITIAN	17	0.0064	0.0047	0.0133	0.0129	0.0129	0.0210	0.0105	0.0101	0.0145	0.0194
872	HOME ECONOMIST	35	0.0022	0.0005	0.0006	0.0096	0.0152	0.0165	0.0137	0.0214	0.0145	0.0048
873	AIRLINE STEWARD, STEWARDESS	23	0.0068	-0.0059	0.0108	0.0119	0.0025	0.0036	0.0056	0.0027	0.0142	0.0252
881	FOOD & BEVERAGE PREP	8	-0.0182	-0.0103	-0.0311	-0.0266	-0.0235	-0.0165	-0.0145	-0.0105	-0.0286	-0.0068
891	MISC PERSONAL SERV	23	-0.0130	-0.0312	-0.0295	-0.0231	-0.0337	-0.0352	-0.0213	-0.0185	-0.0278	-0.0131
893	HAIRDRESSER	201	-0.0231	-0.0677	-0.0682	-0.0606	-0.0728	-0.0714	-0.0558	-0.0609	-0.0441	-0.0407
894	PRACTICAL NURSE	168	-0.0316	-0.0181	-0.0432	-0.0415	-0.0385	-0.0450	-0.0208	-0.0054	-0.0340	-0.0160
895	NURSES' AIDE	17	-0.0320	-0.0187	-0.0323	-0.0299	-0.0333	-0.0242	-0.0177	-0.0075	-0.0236	-0.0081
899	GENERAL LABORER	62	-0.0290	-0.0613	-0.0631	-0.0632	-0.0552	-0.0464	-0.0464	-0.0399	-0.0408	-0.0239

TABLE 4.2 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INFORMATION TEST I (CONTD.)					INFORMATION TEST II				
			ELECTRICITY, ELECTRONICS	MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE
			R-111	R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135
000	NO ANSWER	1522	-0.0634	-0.0617	-0.0906	-0.0810	-0.0848	-0.1019	-0.0719	-0.0859	-0.0647	-0.0697
001	DON'T KNOW	166	0.0086	-0.0102	0.0051	-0.0087	-0.0006	0.0023	0.0111	0.0007	-0.0156	0.0052
010	HOUSEWIFE	6168	-0.0849	-0.0393	-0.0668	-0.0205	-0.1041	-0.1068	-0.1179	-0.0873	-0.0305	-0.0895
020	NO SPEC INCOME JOB	4	0.0047	0.0007	-0.0017	0.0125	0.0037	0.0044	-0.0066	-0.0085	0.0080	0.0084
101	EXECUTIVE (NEC)	2	0.0119	0.0043	0.0060	0.0025	0.0084	0.0020	0.0125	0.0057	0.0102	0.0104
102	FOREMAN (NEC)	2	-0.0053	-0.0168	-0.0060	-0.0173	-0.0054	-0.0217	-0.0047	-0.0346	-0.0125	-0.0160
111	WORK FOR GOVT (NEC)	31	-0.0108	-0.0145	-0.0008	-0.0079	0.0107	-0.0052	0.0061	0.0008	0.0008	0.0051
112	IN BUS FOR SELF (NEC)	33	0.0132	0.0017	-0.0005	0.0019	-0.0040	0.0007	-0.0004	-0.0201	0.0100	-0.0012
120	IND, BUS, COMM (NEC)	26	-0.0108	-0.0047	-0.0024	-0.0183	0.0034	-0.0159	-0.0006	-0.0129	-0.0200	-0.0090
121	RETAIL (NEC)	2	0.0076	0.0178	0.0036	0.0043	-0.0054	-0.0004	0.0125	0.0125	0.0011	-0.0072
122	TRANSPORTATION (NEC)	6	-0.0005	-0.0058	-0.0049	0.0002	-0.0068	-0.0062	-0.0041	-0.0036	-0.0060	0.0027
123	REAL ESTATE (NEC)	5	0.0018	-0.0011	-0.0118	0.0029	-0.0028	0.0083	0.0013	0.0059	-0.0040	-0.0086
124	INSURANCE (NEC)	7	0.0091	-0.0027	-0.0029	-0.0030	-0.0040	0.0018	0.0004	0.0081	0.0045	-0.0088
125	ELECTRONICS (NEC)	2	-0.0032	0.0005	0.0060	0.0025	-0.0078	-0.0146	-0.0081	-0.0111	-0.0034	-0.0028
140	"WORK WITH PEOPLE" (NEC)	2	0.0033	0.0043	0.0012	-0.0011	-0.0031	0.0020	0.0056	-0.0077	0.0056	-0.0028
141	"WORK W CHILDREN" (NEC)	7	-0.0025	-0.0232	-0.0158	-0.0135	-0.0065	-0.0172	-0.0106	-0.0117	-0.0077	0.0053
211	MATH, STAT	20	0.0330	0.0222	0.0114	0.0137	0.0228	0.0227	0.0222	0.0139	0.0063	0.0189
221	SYSTEMS ANALYST	14	0.0226	0.0071	0.0114	0.0169	0.0222	0.0186	0.0110	0.0088	0.0149	0.0108
222	COMPUTER PROGRAMMER	53	0.0143	0.0172	0.0104	0.0149	0.0140	0.0278	0.0321	0.0182	0.0091	0.0312
229	COMPUTER SPEC (NEC)	4	0.0169	0.0211	0.0068	0.0112	0.0232	0.0128	0.0104	0.0129	0.0080	-0.0009
230	PHYSICAL SCI (NEC)	3	-0.0004	0.0076	0.0074	0.0090	-0.0086	0.0169	0.0055	0.0057	-0.0098	0.0091
231	CHEMIST	15	0.0315	0.0164	0.0227	0.0201	0.0154	0.0127	0.0098	0.0237	0.0129	0.0204
299	PHYS SCI, LAB TECH	29	0.0180	0.0142	-0.0088	-0.0045	0.0022	0.0071	0.0057	0.0011	-0.0018	0.0060
310	BIOLOGIST, ZOOLOGIST	20	0.0343	0.0210	0.0206	0.0029	0.0185	0.0256	0.0309	0.0203	0.0121	0.0286
315	PHARMACOLOGIST	4	0.0306	0.0143	0.0119	-0.0015	0.0135	0.0128	0.0007	0.0176	0.0015	0.0116
316	MICROBIOLOGIST	13	0.0173	0.0212	0.0163	0.0015	0.0114	0.0138	0.0124	0.0166	0.0135	0.0247
317	BIOCHEMIST	8	0.0044	0.0038	0.0084	0.0087	0.0144	0.0252	0.0079	0.0165	0.0249	0.0229
319	OTHER CHEM SCI	3	0.0049	-0.0033	-0.0025	-0.0042	-0.0029	-0.0005	-0.0057	0.0002	0.0013	0.0055
329	MD-OTHER	8	0.0206	0.0106	0.0108	0.0006	0.0133	0.0193	0.0216	0.0199	0.0113	0.0273
333	VETERINARIAN	2	-0.0053	-0.0110	0.0060	0.0079	-0.0008	0.0067	-0.0012	0.0057	-0.0034	0.0016
335	PHARMACIST	14	0.0136	0.0165	0.0150	0.0197	0.0152	0.0132	0.0110	0.0127	0.0132	0.0042
337	RN	591	0.0615	0.0572	0.0748	0.0722	0.0614	0.0441	0.0517	0.0786	0.0406	0.0516
341	DENTAL HYGIENIST	32	0.0008	0.0024	0.0090	0.0093	0.0145	0.0126	0.0080	0.0137	0.0032	0.0063
343	PHYSICAL THERAPIST	16	-0.0013	0.0102	0.0170	0.0053	0.0188	0.0189	0.0038	0.0151	0.0063	0.0060
344	OCCUPATIONAL THERAP	13	0.0266	0.0212	0.0210	0.0234	0.0205	0.0101	0.0137	0.0193	0.0188	0.0144
346	SPEC THERAP (MISC)	15	0.0244	0.0143	0.0200	0.0135	0.0137	0.0239	0.0098	0.0114	0.0113	0.0156
347	MED/DENT TECHNOLOGIST	93	0.0345	0.0368	0.0238	0.0168	0.0332	0.0156	0.0338	0.0410	0.0395	0.0173
348	MED/DENT TECHNICIAN	138	0.0041	0.0031	-0.0101	-0.0028	0.0041	-0.0020	-0.0149	0.0024	-0.0112	-0.0001
360	PSYCHOLOGIST	47	0.0595	0.0168	0.0133	0.0194	0.0183	0.0376	0.0377	0.0338	0.0250	0.0186
369	PSYCH RES ASST	3	0.0084	-0.0018	0.0074	0.0031	0.0065	0.0111	0.0055	0.0029	0.0013	0.0019
370	SOCIAL WORKER	177	0.0249	0.0034	0.0185	0.0134	0.0482	0.0399	0.0374	0.0308	0.0079	0.0370
371	PSYCHIATRIC SOC WRKER	12	0.0099	0.0027	0.0148	0.0143	-0.0021	0.0048	0.0054	0.0141	0.0027	-0.0087
372	COUNSELING/GUIDANCE	12	-0.0078	-0.0027	0.0019	-0.0048	-0.0039	-0.0020	-0.0016	0.0058	-0.0029	0.0093
373	VOC/ED GUIDANCE	40	0.0172	0.0103	0.0189	-0.0035	0.0318	0.0268	0.0207	0.0152	0.0110	0.0080
382	ECONOMIST	2	0.0076	0.0082	0.0108	0.0079	0.0061	0.0020	0.0091	0.0057	0.0056	-0.0072
383	SOCIOLOGIST	2	-0.0075	-0.0091	-0.0012	-0.0029	-0.0101	-0.0004	-0.0012	-0.0111	-0.0080	0.0060
384	ANTHROPOLOGIST	4	0.0169	0.0197	0.0068	0.0112	0.0004	0.0161	0.0177	0.0057	0.0176	0.0147
389	SOCIAL SCI (MISC)	6	0.0020	0.0030	0.0118	0.0054	0.0132	0.0102	0.0078	-0.0153	0.0045	0.0129
391	POLITICIAN	5	-0.0146	-0.0071	-0.0073	0.0006	-0.0130	0.0188	0.0078	0.0080	-0.0040	-0.0086
392	DIPLOMAT	3	0.0049	-0.0018	0.0054	0.0090	0.0121	0.0014	0.0139	0.0084	0.0124	0.0055
393	LAWYER	11	0.0165	0.0179	0.0141	0.0175	0.0236	0.0333	0.0243	0.0156	0.0200	0.0262
394	MARKET ANALYST	3	0.0067	0.0139	0.0113	0.0105	0.0046	0.0169	0.0083	0.0084	0.0087	0.0163
398	CITY PLANNER (NEC)	3	0.0137	0.0124	0.0153	0.0164	0.0215	0.0149	0.0224	0.0112	0.0050	0.0235
400	TEACHER (NEC)	1326	0.0518	0.0391	0.0589	0.0402	0.0973	0.1072	0.0897	0.0920	0.0476	0.0873
410	TCHNG YNG CHILDREN	10	0.0083	0.0131	0.0199	0.0097	-0.0050	0.0097	0.0034	-0.0007	0.0126	0.0075
411	TCHNG PRESCH CHILDREN	30	0.0078	0.0029	0.0171	0.0094	0.0110	0.0210	0.0085	0.0118	0.0030	0.0084
412	TEACHER-ELEM	616	0.0348	0.0190	0.0327	0.0192	0.0492	0.0565	0.0511	0.0391	0.0269	0.0357
420	TEACHER-HS (NEC)	81	0.0399	0.0359	0.0217	0.0091	0.0349	0.0339	0.0406	0.0268	0.0205	0.0211
421	TEACHER-HS MATH	36	0.0242	0.0116	0.0182	0.0095	0.0285	0.0234	0.0191	0.0141	0.0078	0.0025
422	TEACHER-HS SCIENCE	30	0.0245	0.0311	0.0227	0.0261	0.0265	0.0265	0.0308	0.0266	0.0159	0.0266
423	TEACHER-HS SOC STUD	54	0.0218	0.0058	0.0169	-0.0052	0.0209	0.0471	0.0320	0.0189	0.0083	0.0226
424	TEACHER-ENGLISH	132	0.0131	0.0241	0.0417	0.0181	0.0432	0.0525	0.0490	0.0319	0.0324	0.0417
425	TEACHER-FOREIGN LANG	46	0.0168	-0.0037	0.0214	0.0111	0.0287	0.0287	0.0314	0.0185	0.0166	0.0406
426	TEACHER-COMM ED	57	-0.0072	-0.0052	0.0001	-0.0040	-0.0080	-0.0093	-0.0024	-0.0075	-0.0001	-0.0023
427	TEACHER-HS HOME EC	68	0.0152	0.0104	0.0286	0.0470	0.0133	0.0131	0.0046	0.0035	0.0071	0.0153
428	TEACHER-TRADES	4	-0.0060	-0.0034	0.0051	0.0100	0.0053	0.0128	0.0007	0.0129	0.0144	0.0116
429	TEACHER-PHYS ED	59	0.0186	0.0109	0.0127	-0.0045	0.0490	0.0052	0.0126	-0.0025	0.0143	0.0078
431	TEACHER-ART	50	0.0092	0.0070	0.0268	0.0131	0.0258	0.0567	0.0145	0.0200	0.0145	0.0326
432	TEACHER-MUSIC	65	0.0122	0.0083	0.0030	-0.0051	0.0025	0.0130	0.0102	0.0089	0.0070	0.0098
440	TEACHER-HANDICAPPED	70	0.0079	-0.0014	0.0128	0.0038	0.0169	0.0252	0.0224	0.0153	0.0057	0.0190
441	SPEECH THERAPIST	39	0.0060	0.0137	0.0042	0.0120	0.0156	0.0293	0.0238	0.0174	0.0120	0.0169
450	SCHOOL ADM (EXC COLL)	5	0.0073	0.0002	-0.0057	-0.0051	-0.0028	0.0083	0.0144	0.0038	-0.0011	-0.0003
460	COLL/UNIV TCHR (NEC)	107	0.0418	0.0345	0.0389	0.0364	0.0419	0.0703	0.0624	0.0341	0.0260	0.0502
461	COLL/UNIV TCHR-MATH	10	0.0363	0.0131	0.0048	0.0081	0.0095	0.0076	0.0080	0.0189	-0.0016	0.0075
462	COLL/UNIV TCHR-SCIENCE	17	0.0537	0.0400	0.0184	0.0297	0.0363	0.0296	0.0289	0.0162	0.0156	0.0272
463	COLL/UNIV TCHR-SOC SCI	16	0.0132	0.0095	0.0196	0.0021	0.0237	0.0298	0.0245	0.0270	-0.0033	0.0107
464	COLL/UNIV TCHR-ENGLISH	32	0.0235	0.0336	0.0283	0.0183	0.0283	0.0422	0.0355	0.0272	0.0327	0.0272
465	COLL/UNIV TCHR-FOR LANG	19	0.0042	0.0099	0.0100	0.0078	0.0228	0.0325	0.0224	0.0172	-0.0166	0.0334
470	COLL/UNIV TCHR-ADM	4	-0.0030	0.0088	0.0068	0.0125	0.0070	0.0195	0.0153	-0.0014	0.0080	0.0271
499	AUX JOBS IN EDUC	3	-0.0127	-0.0096	-0.0202	-0.0234	-0.0104	-0.0140	-0.0057	-0.0273	-0.0098	-0.0088
511	LIBRARIAN	77	0.0179	0.0286	0.0336	0.0106	0.0446	0.0376	0.0393	0.0306	0.0200	0.0176
521	CLERGYMAN	7	-0.0013	-0.0047	0.0087	0.0067	0.0070	0.0068	0.0096	0.0027	-0.0101	0.0124
522	MONK, BROTHER, NUN	29	-0.0019	-0.0030	0.0128	0.0012	0.0228	0.0221	0.0147	0.0073	0.0101	0.0141

TABLE 4.2 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INFORMATION TEST I (CONTD.)					INFORMATION TEST II				
			ELECTRICITY, ELECTRONICS	MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE
			R-111	R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135
523	RELIG WORKER (OTHER)	35	0.0063	0.0073	0.0015	-0.0045	0.0103	-0.0017	0.0002	-0.0093	-0.0052	-0.0060
531	WRITER (NEC)	28	0.0026	0.0018	-0.0000	0.0047	0.0147	0.0383	0.0313	0.0170	0.0017	0.0130
532	FICTION WRITER	5	0.0250	0.0050	0.0049	0.0120	0.0147	0.0128	0.0035	0.0080	0.0017	0.0108
533	NONFIC WRTR (EXC JRNLIST)	5	0.0223	0.0245	0.0141	0.0154	0.0162	0.0218	0.0209	0.0165	0.0132	0.0081
534	JOURNALIST/REPORTER	23	0.0185	0.0178	0.0197	0.0113	0.0073	0.0286	0.0349	0.0150	0.0171	0.0287
536	PUBLISHER, ETC.	4	-0.0030	-0.0020	0.0017	0.0087	0.0004	0.0028	0.0031	0.0057	-0.0081	0.0147
537	EDITOR	10	0.0180	0.0105	0.0048	-0.0104	0.0125	0.0308	0.0219	0.0159	0.0065	0.0173
539	TRANSLAT, INTERPR, LINGST	13	0.0029	-0.0067	0.0021	-0.0055	0.0141	0.0259	0.0245	0.0285	0.0081	0.0109
541	FINE ARTS	42	0.0359	0.0177	0.0076	0.0034	0.0012	0.0431	0.0161	0.0175	0.0268	0.0293
545	COMM ARTIST	35	0.0048	0.0188	0.0096	0.0111	0.0025	0.0294	0.0101	0.0043	0.0132	0.0192
547	DESIGNER (CONS GDS)	3	0.0173	0.0280	0.0093	0.0090	0.0215	0.0227	0.0167	0.0194	0.0124	0.0199
551	MUSICIAN	7	-0.0013	0.0127	0.0035	0.0134	0.0169	0.0245	0.0133	0.0081	0.0045	0.0265
552	SINGER	13	-0.0098	0.0024	-0.0083	-0.0161	-0.0157	0.0008	0.0097	-0.0045	-0.0026	-0.0098
559	MUSIC-RELATED (MISC)	2	0.0076	0.0062	0.0012	0.0043	0.0038	-0.0051	-0.0012	-0.0043	0.0011	-0.0028
560	DANCER, CHOREOG	12	-0.0166	-0.0098	-0.0050	-0.0114	-0.0049	0.0058	-0.0002	-0.0065	0.0175	0.0039
571	ACTOR	8	-0.0096	-0.0154	0.0036	-0.0084	-0.0051	0.0110	0.0061	0.0098	0.0044	0.0119
572	THEATRICAL DIRECTING	2	-0.0053	0.0043	0.0084	-0.0083	0.0061	0.0114	-0.0012	0.0125	-0.0034	0.0104
575	THEATRE (OTHER)	11	-0.0084	0.0056	-0.0065	-0.0025	-0.0010	0.0051	0.0096	0.0099	0.0026	0.0018
579	MISC PERF ARTS	3	-0.0056	-0.0096	-0.0044	0.0031	-0.0067	0.0149	-0.0001	0.0112	-0.0024	-0.0088
581	MODEL	8	-0.0063	-0.0077	-0.0133	-0.0021	-0.0155	-0.0044	-0.0076	0.0031	-0.0024	-0.0034
611	PRO ATHLETE	2	0.0119	0.0005	0.0060	-0.0137	0.0061	0.0043	-0.0012	-0.0144	-0.0034	-0.0028
621	RECREATION DIR	3	0.0044	0.0077	0.0048	0.0024	0.0098	0.0027	0.0096	-0.0003	0.0090	0.0076
631	FARM/RANCH OWNER	3	-0.0021	-0.0080	-0.0025	-0.0057	-0.0123	-0.0024	0.0027	-0.0108	-0.0061	0.0019
639	FARMING (OTHER)	4	0.0001	0.0197	0.0119	0.0074	-0.0012	-0.0006	0.0007	0.0034	0.0144	-0.0009
661	POLICE (PUBLIC)	5	-0.0118	-0.0193	-0.0149	-0.0005	-0.0028	-0.0051	-0.0009	0.0038	-0.0098	-0.0031
711A	BANKING & FINANCE, I	13	-0.0106	-0.0029	-0.0026	-0.0013	-0.0040	-0.0112	-0.0106	-0.0045	-0.0132	-0.0132
711B	BANKING & FINANCE, II	3	0.0243	0.0061	0.0093	-0.0042	0.0178	0.0053	0.0224	0.0139	0.0199	-0.0017
716	CPA	8	0.0131	0.0029	0.0036	0.0051	0.0075	0.0122	0.0010	0.0081	0.0090	-0.0056
717	ACCTANT (EXC CPA)	87	0.0037	-0.0002	-0.0009	0.0006	-0.0136	-0.0049	0.0073	0.0009	-0.0176	-0.0003
721	PURCHASING AGENT	3	0.0049	0.0029	0.0093	0.0075	-0.0029	0.0130	0.0055	0.0057	0.0050	0.0055
722	RETAIL BUYER	27	-0.0046	-0.0199	-0.0009	0.0005	0.0051	0.0146	0.0062	0.0042	0.0127	0.0202
724	ADVERTISING	23	0.0115	0.0161	0.0119	0.0129	0.0223	0.0272	0.0258	0.0101	0.0144	0.0261
725	PUBLIC RELATIONS	17	-0.0041	-0.0062	0.0159	0.0068	0.0110	0.0191	0.0123	0.0104	0.0047	0.0212
726	PERSONNEL ADMIN	21	0.0224	0.0066	0.0136	0.0194	0.0215	0.0272	0.0252	0.0150	0.0091	0.0255
727	APPRAISING/ESTIMATING	16	0.0086	0.0143	0.0119	0.0104	0.0074	0.0097	0.0099	0.0127	0.0063	0.0091
728	LOAN/CREDIT INVESTIG	2	0.0011	-0.0130	-0.0085	-0.0101	-0.0078	-0.0004	-0.0116	-0.0111	-0.0125	-0.0116
730	BUS, MGMT, ADM (NEC)	26	0.0077	0.0113	0.0103	0.0032	0.0232	0.0031	0.0108	0.0086	0.0039	0.0106
732	WHSL/RET TRADE MGMT/MKTG	17	0.0085	0.0050	0.0060	0.0117	0.0126	0.0110	-0.0018	0.0046	0.0078	0.0121
738	SUPERVISOR IN BUS	6	0.0020	0.0075	-0.0049	0.0054	-0.0068	-0.0103	-0.0002	-0.0036	-0.0007	-0.0049
741	SALESCLERK	36	-0.0175	-0.0202	-0.0143	-0.0245	-0.0264	-0.0358	-0.0191	-0.0264	-0.0114	-0.0234
743	STOCKBROKER	2	0.0011	-0.0053	-0.0109	-0.0029	-0.0101	-0.0028	0.0022	-0.0178	-0.0034	0.0060
745	REAL EST SLSMAN	5	-0.0077	-0.0047	-0.0012	0.0006	-0.0101	-0.0126	-0.0030	-0.0069	-0.0155	-0.0031
746	INSURANCE SLSMAN	6	0.0070	-0.0047	-0.0160	-0.0060	-0.0081	-0.0062	-0.0002	0.0061	0.0019	-0.0100
748	OTHER SLSMAN (NEC)	15	-0.0071	-0.0011	0.0059	-0.0082	0.0078	-0.0063	-0.0078	-0.0045	-0.0053	-0.0037
751	BOOKKEEPER	100	-0.0108	-0.0064	0.0044	0.0075	0.0019	-0.0166	-0.0088	-0.0184	-0.0135	-0.0219
752	TELLER OR BANK CLERK	32	-0.0138	-0.0101	0.0012	-0.0029	-0.0086	-0.0271	-0.0230	-0.0140	-0.0183	-0.0036
753	CASHIER	6	-0.0030	-0.0058	-0.0063	-0.0070	-0.0081	-0.0089	-0.0180	-0.0075	-0.0164	-0.0227
755	MISC ACCT RECDG	46	-0.0121	-0.0121	-0.0134	-0.0107	-0.0089	-0.0015	-0.0117	-0.0103	-0.0137	-0.0145
756	KEYPUNCH OP	69	-0.0050	-0.0059	-0.0131	-0.0078	-0.0097	-0.0060	-0.0035	-0.0141	0.0033	-0.0200
757	KEYPUNCH INSTRUC	3	-0.0144	-0.0080	-0.0202	0.0016	-0.0048	-0.0044	-0.0029	-0.0108	-0.0135	-0.0088
758	COMPUTER OP	57	-0.0101	-0.0142	-0.0149	-0.0162	-0.0248	-0.0142	-0.0121	-0.0081	-0.0223	-0.0180
761	SECRETARY (NEC)	851	-0.0145	-0.0305	-0.0143	-0.0221	-0.0255	-0.0333	-0.0153	-0.0108	-0.0251	-0.0270
762	SECRETARY-BOOKKEEPER	26	-0.0013	-0.0041	-0.0010	-0.0043	-0.0126	-0.0021	-0.0035	0.0095	0.0064	-0.0041
763	MED/DENT SECRETARY	39	0.0007	-0.0046	0.0047	0.0096	0.0046	-0.0039	-0.0035	0.0090	0.0007	0.0030
764	LEGAL SECRETARY	45	-0.0041	-0.0089	-0.0035	0.0022	-0.0162	-0.0014	-0.0041	-0.0121	-0.0006	-0.0046
765	STENO, CRT REPRTR	48	-0.0032	-0.0086	-0.0070	-0.0074	0.0006	-0.0034	-0.0145	0.0076	-0.0086	-0.0039
766	TYPIST, CLRK TYPIST	68	-0.0178	-0.0229	-0.0291	-0.0301	-0.0366	-0.0320	-0.0244	-0.0184	-0.0147	-0.0346
769	CLERK (MISC)	99	-0.0113	-0.0039	-0.0167	-0.0096	-0.0138	-0.0406	-0.0296	-0.0321	-0.0240	-0.0190
771	OFFICE SUPERVISOR	18	-0.0066	0.0034	-0.0133	-0.0068	0.0028	-0.0028	0.0078	0.0150	-0.0058	-0.0099
772	OFFICE MANAGER	14	0.0030	0.0056	0.0004	0.0033	-0.0057	-0.0029	-0.0085	0.0038	0.0029	-0.0008
781	PHONE, PBX OP	21	-0.0143	-0.0053	-0.0028	-0.0101	-0.0170	-0.0210	-0.0215	-0.0120	-0.0189	-0.0220
789	OTHER "PUB CONT" OCCS	38	-0.0153	-0.0156	-0.0247	-0.0038	-0.0026	-0.0067	-0.0030	-0.0128	-0.0203	-0.0022
791	RADIO, TELEGR, TELETYPE OP	6	-0.0030	-0.0036	-0.0174	0.0065	0.0052	0.0034	0.0157	0.0022	-0.0034	-0.0023
797	MISC CLERICAL	25	-0.0021	0.0118	0.0036	-0.0140	-0.0108	-0.0008	-0.0127	-0.0163	-0.0064	-0.0118
798	MISC ADMINISTRATIVE	14	-0.0027	0.0034	0.0050	-0.0062	0.0056	0.0150	0.0228	0.0063	0.0063	0.0092
810	ELECTRICIAN	2	-0.0010	0.0005	-0.0036	0.0061	-0.0054	-0.0146	-0.0081	-0.0144	0.0011	-0.0116
811	ELECTRONIC TECH	2	-0.0053	-0.0091	-0.0181	0.0043	-0.0193	-0.0028	-0.0081	0.0024	-0.0080	-0.0204
853	AUTO, BUS, TRUCK DRIVER	2	-0.0118	-0.0206	0.0012	-0.0101	0.0015	-0.0004	0.0022	-0.0144	-0.0034	0.0016
861	PRINTING TRADES	5	-0.0064	0.0002	0.0019	0.0143	-0.0072	-0.0006	-0.0009	0.0016	0.0161	-0.0086
864	DRAFTSMAN	4	0.0062	0.0007	-0.0051	0.0074	-0.0093	0.0011	-0.0115	-0.0061	-0.0081	0.0147
865	PHOTOGRAPHY	11	0.0045	0.0138	0.0069	-0.0002	0.0147	0.0172	-0.0007	0.0142	0.0045	0.0131
866	INTERIOR DECORATOR	31	0.0051	0.0134	0.0029	0.0041	0.0049	0.0128	0.0052	0.0094	0.0031	0.0118
868	CLTHNG & FASHN TRADES	41	-0.0101	-0.0116	-0.0239	-0.0156	-0.0242	-0.0228	-0.0265	-0.0360	-0.0131	-0.0220
871	DIETITIAN	17	0.0063	0.0096	0.0035	0.0136	0.0268	0.0142	0.0088	0.0116	0.0125	0.0061
872	HOME ECONOMIST	35	0.0043	0.0220	0.0218	0.0167	0.0147	-0.0068	0.0117	0.0084	0.0089	-0.0071
873	AIRLINE STEWARD, STEWARDESS	23	-0.0057	0.0036	-0.0045	0.0107	0.0026	0.0007	0.0085	-0.0157	0.0024	0.0002
881	FOOD & BEVERAGE PREP	8	-0.0139	-0.0144	-0.0073	-0.0237	-0.0121	-0.0186	-0.0076	-0.0289	-0.0069	-0.0100
891	MISC PERSONAL SERV	23	-0.0235	-0.0168	-0.0088	-0.0249	-0.0246	-0.0286	-0.0169	-0.0197	-0.0204	-0.0180
893	HAIRDRESSER	201	-0.0296	-0.0298	-0.0284	-0.0308	-0.0508	-0.0571	-0.0520	-0.0442	-0.0236	-0.0331
894	PRACTICAL NURSE	168	-0.0193	-0.0244	-0.0064	-0.0185	-0.0255	-0.0398	-0.0322	-0.0076	-0.0143	-0.0327
895	NURSES' AIDE	17	-0.0314	-0.0088	-0.0205	-0.0136	-0.0230	-0.0255	-0.0101	-0.0346	-0.0155	-0.0301
899	GENERAL LABORER	62	-0.0254	-0.0232	-0.0302	-0.0383	-0.0358	-0.0648	-0.0496	-0.0442	-0.0315	-0.0363

TABLE 4.2 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS INFORMATION TEST II (CONTD.) JOURNALISM	FOREIGN TRAVEL	MILITARY	ACCTG, BUS, SALES	PRACT KNOWL	CLERICAL	BIBLE	COLORS	ETIQUETTE	HUNTING
			R-136	R-137	R-138	R-139	R-140	R-141	R-142	R-143	R-144	R-145
000	NO ANSWER	1522	-0.0891	-0.0735	-0.0583	-0.0961	-0.0797	-0.0645	-0.0674	-0.0796	-0.0808	-0.0040
001	DON'T KNOW	166	0.0042	0.0111	-0.0102	0.0045	-0.0159	-0.0176	0.0033	-0.0009	0.0043	-0.0123
010	HOUSEWIFE	6168	-0.0888	-0.1235	-0.0913	-0.0653	-0.0229	0.0296	-0.1174	-0.0634	-0.0365	0.0027
020	NO SPEC INCOME JOB	4	-0.0082	0.0048	-0.0018	0.0011	0.0038	0.0007	-0.0042	0.0069	0.0055	-0.0068
101	EXECUTIVE (NEC)	2	0.0004	0.0120	-0.0013	0.0023	0.0027	0.0005	0.0023	0.0018	0.0119	0.0104
102	FOREMAN (NEC)	2	-0.0182	-0.0139	-0.0196	-0.0189	-0.0350	-0.0156	-0.0047	-0.0043	-0.0042	-0.0140
111	WORK FOR GOVT (NEC)	31	-0.0017	0.0145	0.0054	0.0095	-0.0094	-0.0031	0.0115	0.0103	-0.0124	0.0023
112	IN BUS FOR SELF (NEC)	33	-0.0061	-0.0064	0.0027	-0.0052	-0.0085	-0.0009	-0.0141	-0.0031	0.0008	-0.0042
120	IND, BUS, COMM (NEC)	26	-0.0072	-0.0057	-0.0135	-0.0169	-0.0237	-0.0138	-0.0116	-0.0087	-0.0017	0.0054
121	RETAIL (NEC)	2	0.0004	0.0077	-0.0013	0.0084	0.0103	0.0086	0.0075	-0.0043	0.0039	0.0227
122	TRANSPORTATION (NEC)	6	-0.0101	0.0009	-0.0075	-0.0135	0.0004	0.0148	-0.0031	-0.0145	-0.0119	-0.0031
123	REAL ESTATE (NEC)	5	-0.0072	0.0081	-0.0078	0.0008	0.0067	-0.0068	-0.0113	0.0029	-0.0015	-0.0028
124	INSURANCE (NEC)	7	-0.0059	-0.0029	0.0025	0.0068	0.0031	0.0160	-0.0036	-0.0064	-0.0078	0.0065
125	ELECTRONICS (NEC)	2	-0.0120	-0.0052	-0.0150	-0.0068	-0.0199	-0.0075	0.0093	0.0018	-0.0042	0.0043
140	"WORK WITH PEOPLE" (NEC)	2	0.0066	-0.0052	-0.0013	-0.0038	-0.0048	-0.0075	-0.0099	-0.0104	0.0119	-0.0018
141	"WORK W CHILDREN" (NEC)	7	-0.0059	-0.0190	-0.0073	-0.0062	-0.0131	-0.0141	-0.0064	-0.0064	-0.0035	0.0065
211	MATH, STAT	20	0.0051	0.0067	0.0104	0.0227	0.0229	0.0042	0.0299	0.0097	0.0097	-0.0076
221	SYSTEMS ANALYST	14	0.0174	0.0155	0.0191	0.0211	0.0101	0.0074	0.0153	0.0095	0.0041	0.0161
222	COMPUTER PROGRAMMER	53	0.0261	0.0184	0.0130	0.0276	0.0162	-0.0013	0.0167	0.0213	0.0129	0.0003
229	COMPUTER SPEC (NEC)	4	0.0137	0.0140	0.0176	0.0119	0.0145	0.0064	0.0156	-0.0018	0.0055	0.0018
230	PHYSICAL SCI (NEC)	3	0.0055	0.0147	-0.0053	-0.0034	0.0003	-0.0092	0.0121	0.0022	0.0014	-0.0072
231	CHEMIST	15	0.0214	0.0235	0.0166	0.0269	0.0199	-0.0001	0.0327	0.0162	0.0150	0.0063
299	PHYS SCI, LAB TECH	29	-0.0067	0.0050	-0.0085	0.0044	-0.0065	-0.0097	-0.0002	-0.0140	0.0052	0.0044
310	BIOLOGIST, ZOOLOGIST	20	0.0130	0.0231	0.0090	0.0160	0.0158	0.0092	0.0254	0.0174	0.0173	0.0118
315	PHARMACOLOGIST	4	0.0137	0.0140	0.0079	0.0033	0.0038	0.0064	-0.0042	0.0026	0.0112	-0.0068
316	MICROBIOLOGIST	13	0.0156	0.0222	0.0129	0.0208	0.0055	0.0060	0.0240	0.0119	0.0020	0.0050
317	BIOCHEMIST	8	0.0194	0.0219	0.0089	0.0153	0.0092	0.0050	0.0116	0.0098	-0.0003	0.0025
319	OTHER CHEM SCI	3	0.0005	-0.0029	0.0022	-0.0009	-0.0059	-0.0224	0.0007	-0.0028	-0.0051	-0.0072
329	MD-OTHER	8	0.0163	0.0111	0.0112	0.0229	0.0130	0.0010	0.0133	0.0128	0.0118	-0.0097
333	VETERINARIAN	2	0.0004	0.0120	0.0079	-0.0038	0.0027	0.0086	0.0093	0.0080	0.0039	0.0104
335	PHARMACIST	14	0.0104	0.0025	0.0053	0.0211	0.0186	0.0013	0.0107	-0.0068	0.0072	0.0068
337	RN	591	0.0449	0.0606	0.0487	0.0403	0.0443	0.0172	0.0775	0.0222	0.0465	0.0097
341	DENTAL HYGIENIST	32	0.0124	0.0212	0.0132	0.0062	0.0033	-0.0121	0.0048	0.0226	0.0094	0.0127
343	PHYSICAL THERAPIST	16	0.0011	0.0142	0.0077	0.0108	0.0157	0.0071	-0.0009	0.0008	-0.0005	0.0036
344	OCCUPATIONAL THERAP	13	0.0180	0.0155	0.0165	0.0077	0.0055	-0.0003	0.0076	0.0167	0.0083	0.0026
346	SPEC THERAP (MISC)	15	0.0146	0.0141	0.0032	0.0136	0.0116	0.0117	0.0238	0.0095	0.0003	-0.0004
347	MED/DENT TECHNOLOGIST	93	0.0318	0.0226	0.0289	0.0183	0.0292	0.0052	0.0214	0.0044	0.0199	0.0058
348	MED/DENT TECHNICIAN	138	-0.0051	-0.0014	0.0060	-0.0097	0.0072	-0.0162	-0.0131	0.0049	-0.0135	0.0065
360	PSYCHOLOGIST	47	0.0275	0.0433	0.0250	0.0392	0.0093	-0.0034	0.0304	0.0317	0.0312	-0.0011
369	PSYCH RES ASST	3	0.0106	0.0147	0.0134	-0.0034	-0.0059	0.0039	-0.0022	0.0072	0.0080	0.0028
370	SOCIAL WORKER	177	0.0374	0.0368	0.0393	0.0438	0.0132	-0.0060	0.0365	0.0330	0.0215	-0.0045
371	PSYCHIATRIC SOC WRKER	12	0.0035	0.0101	0.0062	0.0007	-0.0118	0.0012	0.0035	0.0195	-0.0037	-0.0119
372	COUNSELING/GUIDANCE	12	-0.0016	-0.0005	0.0062	0.0082	0.0036	-0.0119	0.0035	-0.0005	0.0062	-0.0019
373	VOC/ED GUIDANCE	40	0.0323	0.0201	0.0189	0.0301	0.0156	0.0005	0.0181	0.0205	0.0155	-0.0012
382	ECONOMIST	2	0.0128	0.0120	-0.0013	0.0023	-0.0048	-0.0075	0.0040	0.0018	0.0039	0.0104
383	SOCIOLOGIST	2	0.0004	-0.0139	-0.0150	-0.0129	-0.0124	-0.0236	-0.0064	-0.0043	-0.0042	-0.0079
384	ANTHROPOLOGIST	4	0.0181	0.0079	0.0111	0.0183	0.0038	-0.0107	-0.0103	0.0156	0.0112	0.0148
389	SOCIAL SCI (MISC)	6	0.0114	0.0109	0.0136	0.0075	-0.0084	-0.0038	0.0070	-0.0004	0.0020	-0.0102
391	POLITICIAN	5	0.0202	0.0190	-0.0049	0.0085	0.0019	-0.0017	0.0097	-0.0010	0.0087	0.0088
392	DIPLOMAT	3	0.0106	0.0218	0.0208	0.0066	-0.0059	-0.0027	0.0177	0.0072	0.0080	-0.0072
393	LAWYER	11	0.0194	0.0246	0.0126	0.0372	0.0144	-0.0005	0.0251	0.0252	0.0177	-0.0120
394	MARKET ANALYST	3	0.0055	0.0077	-0.0016	0.0214	0.0126	0.0105	0.0021	0.0072	0.0146	0.0028
398	CITY PLANNER (NEC)	3	0.0157	0.0218	0.0096	0.0165	0.0126	-0.0092	0.0121	0.0072	0.0080	-0.0022
400	TEACHER (NEC)	1326	0.0972	0.1002	0.0808	0.0853	0.0607	0.0048	0.1020	0.0678	0.0655	-0.0081
410	TCHNG YNG CHILDREN	10	-0.0102	0.0037	0.0176	0.0093	0.0128	-0.0097	0.0051	0.0096	0.0014	0.0042
411	TCHNG PRESCH CHILDREN	30	0.0175	0.0143	0.0081	0.0019	0.0066	-0.0043	0.0075	0.0071	0.0067	-0.0069
412	TEACHER-ELEM	616	0.0483	0.0526	0.0335	0.0318	0.0378	-0.0082	0.0385	0.0413	0.0383	-0.0060
420	TEACHER-HS (NEC)	81	0.0239	0.0367	0.0128	0.0251	0.0156	0.0102	0.0526	0.0126	0.0050	0.0069
421	TEACHER-HS MATH	36	0.0192	0.0083	0.0162	0.0199	-0.0009	0.0003	0.0266	0.0164	0.0164	-0.0061
422	TEACHER-HS SCIENCE	30	0.0159	0.0221	0.0222	0.0200	0.0184	-0.0043	0.0264	0.0213	0.0129	0.0041
423	TEACHER-HS SOC STUD	54	0.0283	0.0477	0.0339	0.0279	0.0025	0.0135	0.0260	0.0107	0.0186	0.0048
424	TEACHER-ENGLISH	132	0.0430	0.0651	0.0422	0.0444	0.0306	-0.0008	0.0689	0.0475	0.0315	0.0043
425	TEACHER-FOREIGN LANG	46	0.0161	0.0398	0.0149	0.0213	0.0115	-0.0110	0.0321	0.0318	0.0118	0.0067
426	TEACHER-COMM ED	57	0.0055	0.0020	0.0095	0.0172	-0.0017	0.0186	-0.0151	0.0098	0.0018	0.0019
427	TEACHER-HS HOME EC	68	0.0161	0.0125	0.0114	-0.0047	0.0159	0.0043	0.0095	0.0191	0.0309	-0.0031
428	TEACHER-TRADES	4	0.0137	0.0109	0.0144	0.0076	-0.0015	0.0007	0.0032	0.0156	0.0112	-0.0025
429	TEACHER-PHYS ED	59	0.0009	0.0074	0.0133	-0.0050	0.0002	-0.0084	-0.0025	-0.0070	-0.0035	0.0094
431	TEACHER-ART	50	0.0218	0.0326	-0.0009	0.0080	0.0197	-0.0055	0.0261	0.0300	0.0097	-0.0077
432	TEACHER-MUSIC	65	0.0044	0.0080	0.0152	-0.0014	-0.0010	-0.0148	0.0206	0.0061	0.0143	-0.0027
440	TEACHER-HANDICAPPED	70	0.0233	0.0136	0.0149	0.0137	0.0161	-0.0147	0.0112	0.0222	0.0256	0.0029
441	SPEECH THERAPIST	39	0.0242	0.0180	0.0192	0.0223	0.0129	0.0141	0.0012	0.0136	0.0162	0.0115
450	SCHOOL ADM (EXC COLL)	5	-0.0033	0.0081	0.0096	-0.0031	-0.0029	-0.0017	0.0130	0.0029	0.0138	0.0010
460	COLL/UNIV TCHR (NEC)	107	0.0419	0.0493	0.0490	0.0489	0.0267	0.0109	0.0516	0.0504	0.0112	0.0012
461	COLL/UNIV TCHR-MATH	10	0.0147	0.0269	0.0012	0.0147	0.0061	0.0011	0.0238	0.0096	0.0122	0.0042
462	COLL/UNIV TCHR-SCIENCE	17	0.0245	0.0351	0.0198	0.0312	0.0248	0.0111	0.0417	0.0095	0.0182	0.0137
463	COLL/UNIV TCHR-SOC SCI	16	0.0208	0.0325	0.0158	0.0270	0.0077	0.0043	0.0170	0.0117	0.0024	-0.0007
464	COLL/UNIV TCHR-ENGLISH	32	0.0310	0.0331	0.0212	0.0381	0.0184	0.0121	0.0471	0.0288	0.0114	0.0036
465	COLL/UNIV TCHR-FOR LANG	19	0.0213	0.0231	0.0109	0.0185	0.0023	0.0107	0.0204	0.0116	0.0263	0.0024
470	COLL/UNIV TCHR-ADM	4	0.0049	0.0201	0.0079	0.0097	0.0092	0.0064	0.0131	0.0069	0.0055	-0.0068
499	AUX JOBS IN EDUC	3	-0.0097	-0.0170	-0.0128	-0.0232	-0.0121	-0.0224	-0.0136	-0.0078	-0.0051	-0.0072
511	LIBRARIAN	77	0.0374	0.0393	0.0283	0.0240	0.0090	0.0168	0.0428	0.0143	0.0104	-0.0012
521	CLERGYMAN	7	0.0073	0.0087	0.0098	0.0035	-0.0090	-0.0141	0.0234	-0.0031	0.0051	-0.0131
522	MONK, BROTHER, NUN	29	0.0178	0.0118	0.0216	0.0092	0.0034	-0.0012	0.0484	0.0102	0.0010	0.0093

TABLE 4.2 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS INFORMATION TEST II (CONTD.) JOURNALISM	FOREIGN TRAVEL	MILITARY	ACCTG, BUS, SALES	PRACT KNOWL	CLERICAL	BIBLE	COLORS	ETIQUETTE	HUNTING
			R-136	R-137	R-138	R-139	R-140	R-141	R-142	R-143	R-144	R-145
523	RELIG WORKER (OTHER)	35	-0.0014	-0.0023	-0.0042	0.0093	-0.0058	0.0069	0.0336	-0.0012	0.0037	-0.0119
531	WRITER (NEC)	28	0.0313	0.0208	0.0246	0.0168	0.0062	-0.0003	0.0184	0.0249	-0.0006	0.0015
532	FICTION WRITER	5	0.0085	0.0190	0.0124	0.0085	0.0019	-0.0017	0.0119	0.0068	0.0036	-0.0028
533	NONFIC WRTR (EXC JRNLIST)	5	0.0202	0.0218	0.0124	0.0123	0.0115	0.0033	0.0240	0.0184	0.0138	-0.0106
534	JOURNALIST/REPORTER	23	0.0214	0.0217	0.0186	0.0226	0.0215	0.0124	0.0219	0.0207	0.0167	-0.0079
536	PUBLISHER, ETC.	4	0.0005	0.0140	0.0014	-0.0032	0.0038	-0.0107	-0.0017	0.0069	0.0055	-0.0068
537	EDITOR	10	0.0231	0.0134	0.0196	0.0242	0.0061	0.0155	0.0199	0.0150	-0.0022	0.0015
539	TRANSLAT, INTERPR, LINGST	13	0.0180	0.0239	0.0075	0.0172	0.0025	0.0060	0.0185	0.0167	0.0020	-0.0022
541	FINE ARTS	62	0.0289	0.0288	0.0131	0.0133	0.0059	-0.0117	0.0193	0.0271	0.0125	0.0038
545	COMM ARTIST	35	0.0046	0.0196	0.0301	0.0021	-0.0022	-0.0104	0.0040	0.0267	0.0017	-0.0002
547	DESIGNER (CONS GDS)	3	0.0157	0.0251	0.0246	0.0165	0.0064	0.0105	0.0121	0.0172	0.0146	0.0078
551	MUSICIAN	7	0.0073	0.0248	0.0123	0.0068	0.0031	-0.0055	0.0103	0.0198	0.0094	0.0032
552	SINGER	13	0.0098	0.0019	0.0075	-0.0006	-0.0153	-0.0098	0.0123	-0.0002	-0.0138	0.0002
559	MUSIC-RELATED (MISC)	2	0.0004	0.0077	-0.0058	-0.0068	0.0027	0.0005	0.0040	0.0141	0.0039	0.0104
560	DANCER, CHOREOG	17	-0.0041	-0.0111	-0.0031	-0.0092	-0.0057	-0.0119	-0.0129	0.0070	-0.0004	-0.0019
571	ACTOR	8	0.0101	0.0025	-0.0117	-0.0151	-0.0021	0.0010	0.0072	-0.0086	-0.0084	-0.0066
572	THEATRICAL DIRECTING	2	-0.0058	-0.0009	-0.0058	0.0023	0.0027	0.0086	0.0023	0.0018	0.0119	-0.0140
575	THEATRE (OTHER)	11	0.0141	0.0117	0.0009	0.0009	-0.0081	-0.0177	0.0005	0.0043	-0.0064	0.0062
579	MISC PERF ARTS	3	0.0055	0.0077	-0.0016	-0.0034	0.0126	0.0105	-0.0008	-0.0028	0.0080	-0.0022
581	MODEL	8	-0.0116	-0.0083	0.0020	0.0001	0.0054	-0.0070	-0.0076	0.0128	0.0118	-0.0005
611	PRO ATHLETE	2	-0.0120	-0.0052	-0.0058	-0.0129	0.0027	-0.0075	-0.0047	0.0080	0.0039	-0.0079
621	RECREATION DIR	8	0.0039	0.0090	0.0043	-0.0105	-0.0021	-0.0030	-0.0067	-0.0055	0.0118	-0.0005
631	FARM/RANCH OWNER	3	0.0005	-0.0099	0.0134	-0.0058	0.0003	-0.0027	-0.0107	-0.0078	0.0080	-0.0022
639	FARMING (OTHER)	4	-0.0082	-0.0074	0.0014	-0.0053	-0.0122	-0.0050	-0.0079	-0.0104	-0.0002	0.0191
661	POLICE (PUBLIC)	5	0.0006	-0.0001	0.0009	0.0104	-0.0029	-0.0119	-0.0124	-0.0049	0.0036	0.0126
711A	BANKING & FINANCE, I	13	0.0010	-0.0049	-0.0015	-0.0078	0.0055	-0.0066	-0.0075	-0.0026	-0.0044	-0.0093
711B	BANKING & FINANCE, II	3	0.0157	-0.0029	0.0096	0.0016	0.0126	0.0105	0.0106	-0.0028	0.0080	0.0078
716	CPA	8	-0.0023	-0.0105	-0.0048	0.0077	-0.0059	0.0131	0.0124	0.0037	0.0037	0.0300
717	ACCTANT (EXC CPA)	87	0.0120	0.0054	-0.0022	0.0174	0.0048	0.0125	-0.0011	0.0046	0.0041	0.0003
721	PURCHASING AGENT	3	0.0106	0.0006	-0.0090	0.0115	0.0003	0.0039	0.0007	0.0022	0.0014	-0.0022
722	RETAIL BUYER	27	0.0048	0.0172	0.0015	0.0089	0.0069	0.0008	-0.0084	-0.0033	0.0087	0.0018
724	ADVERTISING	23	0.0159	0.0141	0.0159	0.0191	0.0103	0.0100	0.0106	0.0279	0.0072	0.0084
725	PUBLIC RELATIONS	17	0.0245	0.0173	0.0167	0.0156	-0.0037	-0.0109	-0.0020	0.0116	0.0044	-0.0094
726	PERSONNEL ADMIN	21	0.0146	0.0177	0.0170	0.0099	0.0193	0.0054	0.0255	0.0097	0.0113	-0.0001
727	APPRAISING/ESTIMATING	16	-0.0011	0.0066	0.0158	0.0076	0.0104	-0.0014	0.0083	0.0117	0.0081	0.0014
728	LOAN/CREDIT INVESTIG	2	-0.0120	-0.0009	-0.0058	-0.0068	-0.0048	0.0005	-0.0047	-0.0104	0.0039	-0.0018
730	BUS, MGMT, ADM (NEC)	26	0.0117	0.0195	0.0068	0.0168	0.0077	0.0108	0.0112	0.0100	0.0028	-0.0098
732	WHSL/RET TRADE MGMT/MKTG	17	0.0075	0.0173	0.0073	0.0187	0.0144	0.0056	0.0052	0.0116	-0.0039	0.0116
738	SUPERVISOR IN BUS	6	-0.0065	-0.0166	-0.0128	-0.0065	0.0047	0.0055	-0.0061	-0.0004	-0.0073	0.0075
741	SALESCLERK	36	-0.0321	-0.0263	-0.0184	-0.0317	-0.0169	0.0060	-0.0232	-0.0284	-0.0102	0.0068
743	STOCKBROKER	2	0.0004	-0.0096	-0.0150	-0.0007	0.0027	0.0086	-0.0099	-0.0043	0.0039	-0.0140
745	REAL EST SLSMAN	5	0.0045	-0.0083	-0.0078	-0.0011	0.0019	-0.0068	-0.0057	-0.0126	0.0036	-0.0067
746	INSURANCE SLSMAN	6	0.0042	-0.0066	-0.0075	-0.0012	0.0047	0.0055	0.0060	-0.0039	0.0113	-0.0066
748	OTHER SLSMAN (NEC)	15	-0.0035	-0.0017	0.0015	-0.0042	-0.0022	0.0058	0.0060	-0.0151	-0.0056	-0.0071
751	BOOKKEEPER	100	-0.0131	-0.0139	-0.0071	0.0074	-0.0107	0.0196	-0.0161	-0.0236	-0.0057	0.0107
752	TELLER OR BANK CLERK	32	-0.0156	-0.0210	-0.0097	-0.0173	-0.0193	-0.0121	-0.0209	-0.0126	-0.0127	0.0036
753	CASHIER	6	-0.0173	-0.0240	-0.0048	-0.0135	-0.0040	-0.0038	-0.0152	-0.0004	-0.0026	0.0110
755	MISC ACCT RECDG	46	-0.0124	-0.0026	-0.0109	-0.0111	0.0115	-0.0076	-0.0163	-0.0155	-0.0151	-0.0035
756	KEYPUNCH OP	69	-0.0179	-0.0176	-0.0114	-0.0193	-0.0155	0.0092	-0.0125	-0.0185	-0.0233	0.0020
757	KEYPUNCH INSTRUC	3	-0.0097	-0.0099	-0.0090	-0.0009	-0.0059	-0.0158	-0.0079	-0.0078	-0.0117	-0.0072
758	COMPUTER OP	57	-0.0166	-0.0102	-0.0111	-0.0027	-0.0088	-0.0041	-0.0095	-0.0086	-0.0088	-0.0164
761	SECRETARY (NEC)	851	-0.0182	-0.0396	-0.0206	-0.0153	-0.0132	0.0495	-0.0436	-0.0117	-0.0314	-0.0111
762	SECRETARY-BOOKKEEPER	26	0.0031	-0.0069	-0.0135	0.0050	-0.0028	0.0063	-0.0024	0.0100	-0.0106	0.0071
763	MED/DENT SECRETARY	39	0.0017	0.0003	-0.0004	0.0106	0.0026	0.0013	-0.0043	-0.0086	-0.0057	0.0073
764	LEGAL SECRETARY	45	0.0084	-0.0112	-0.0109	0.0088	0.0042	0.0151	-0.0209	0.0048	0.0056	0.0122
765	STENO, CRT REPRTR	48	-0.0032	-0.0142	0.0059	-0.0010	-0.0021	0.0255	-0.0137	0.0014	-0.0090	0.0100
766	TYPIST, CLRK TYPIST	68	-0.0276	-0.0180	-0.0169	-0.0376	-0.0269	-0.0275	-0.0232	-0.0020	-0.0203	-0.0094
769	CLERK (MISC)	99	-0.0115	-0.0265	-0.0246	-0.0289	-0.0115	-0.0004	-0.0187	-0.0308	-0.0261	-0.0126
771	OFFICE SUPERVISOR	18	0.0074	0.0001	0.0160	0.0130	0.0132	0.0123	0.0040	-0.0027	-0.0018	0.0069
772	OFFICE MANAGER	14	-0.0037	-0.0041	-0.0120	-0.0099	0.0015	-0.0017	-0.0005	-0.0091	-0.0020	0.0045
781	PHONE, PBX OP	21	-0.0083	-0.0117	-0.0253	-0.0230	-0.0040	0.0029	-0.0079	-0.0149	0.0013	-0.0001
789	OTHER "PUB CONT" OCCS	38	-0.0040	-0.0030	-0.0024	-0.0080	0.0015	-0.0089	-0.0052	0.0094	0.0002	-0.0008
791	RADIO, TELEGR, TELETYPE OP	6	0.0007	0.0059	0.0136	0.0040	0.0004	0.0055	0.0040	-0.0004	0.0020	0.0004
797	MISC CLERICAL	25	-0.0250	-0.0112	0.0071	-0.0043	-0.0064	-0.0107	-0.0183	-0.0074	-0.0103	0.0006
798	MISC ADMINISTRATIVE	14	0.0104	0.0172	0.0018	0.0165	0.0015	0.0044	0.0087	0.0071	0.0072	-0.0001
810	ELECTRICIAN	2	0.0066	0.0034	0.0033	0.0023	-0.0124	0.0005	0.0058	-0.0166	-0.0042	-0.0018
811	ELECTRONIC TECH	2	-0.0058	0.0034	-0.0196	-0.0038	-0.0048	-0.0075	-0.0082	-0.0043	0.0039	0.0043
853	AUTO, BUS, TRUCK DRIVER	2	0.0004	0.0077	0.0124	0.0054	0.0027	-0.0075	-0.0012	-0.0043	-0.0042	-0.0079
861	PRINTING TRADES	5	-0.0033	-0.0001	-0.0107	-0.0011	0.0019	-0.0017	0.0031	0.0068	0.0138	0.0126
864	DRAFTSMAN	4	0.0005	0.0018	-0.0115	-0.0096	-0.0015	-0.0107	0.0032	-0.0104	-0.0002	-0.0068
865	PHOTOGRAPHY	11	0.0062	0.0006	0.0068	0.0087	0.0112	0.0063	0.0057	0.0147	0.0039	0.0115
866	INTERIOR DECORATOR	31	-0.0143	0.0035	-0.0015	0.0003	0.0002	-0.0133	0.0039	0.0134	0.0040	0.0101
868	CLTHNG & FASHN TRADES	41	-0.0271	-0.0142	-0.0159	-0.0174	-0.0169	-0.0146	-0.0218	-0.0188	-0.0119	0.0068
871	DIETITIAN	17	0.0054	0.0040	0.0261	0.0177	0.0092	-0.0082	0.0285	0.0074	0.0099	-0.0094
872	HOME ECONOMIST	35	0.0090	0.0070	0.0078	0.0093	0.0015	-0.0142	0.0090	0.0150	0.0133	0.0174
873	AIRLINE STEWARD, STEWARDESS	23	0.0141	0.0077	0.0011	-0.0105	0.0170	0.0100	-0.0043	0.0080	0.0000	0.0012
881	FOOD & BEVERAGE PREP	8	-0.0210	-0.0191	-0.0117	-0.0197	-0.0285	-0.0111	-0.0172	-0.0209	-0.0124	-0.0036
891	MISC PERSONAL SERV	23	-0.0152	-0.0293	-0.0043	-0.0204	-0.0342	-0.0137	-0.0259	-0.0137	-0.0308	-0.0115
893	HAIRDRESSER	201	-0.0572	-0.0498	-0.0454	-0.0578	-0.0517	-0.0252	-0.0428	-0.0320	-0.0253	-0.0106
894	PRACTICAL NURSE	168	-0.0319	-0.0227	-0.0152	-0.0489	-0.0329	-0.0174	-0.0152	-0.0376	-0.0183	0.0050
895	NURSES' AIDE	17	-0.0180	-0.0138	0.0010	-0.0271	-0.0322	-0.0082	-0.0110	-0.0304	-0.0150	-0.0094
899	GENERAL LABORER	62	-0.0481	-0.0440	-0.0227	-0.0444	-0.0473	-0.0319	-0.0236	-0.0361	-0.0393	-0.0045

TABLE 4.2 (continued)

			POINT BISERIAL CORRELATIONS									
			INFORMATION TEST II (CONTD.)									
#	GROUP	N	FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY	GAMES (SEDENT)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS
			R-146	R-147	R-148	R-149	R-150	R-151	R-152	R-162	R-211	R-212
000	NO ANSWER	1522	-0.0047	-0.0838	-0.0799	-0.0559	-0.1003	-0.0795	-0.0922	-0.1114	-0.0403	-0.0834
001	DON'T KNOW	166	-0.0163	-0.0102	-0.0159	-0.0085	0.0051	0.0028	0.0006	-0.0010	-0.0165	0.0105
010	HOUSEWIFE	6168	0.0009	-0.0704	-0.0014	-0.0478	-0.1013	-0.0598	-0.1152	-0.0934	-0.0531	-0.0973
020	NO SPEC INCOME JOB	4	0.0120	0.0090	0.0012	0.0175	0.0019	0.0088	-0.0013	0.0099	0.0070	0.0116
101	EXECUTIVE (NEC)	2	0.0054	0.0080	0.0099	0.0152	0.0062	0.0035	-0.0027	0.0055	0.0068	-0.0005
102	FOREMAN (NEC)	2	-0.0007	-0.0050	0.0009	-0.0129	-0.0167	-0.0185	-0.0136	-0.0160	-0.0121	-0.0096
111	WORK FOR GOVT (NEC)	31	-0.0058	-0.0180	-0.0207	-0.0023	-0.0121	-0.0142	-0.0001	-0.0108	-0.0023	0.0009
112	IN BUS FOR SELF (NEC)	33	0.0018	-0.0003	-0.0109	-0.0054	0.0028	0.0060	-0.0008	0.0007	0.0004	-0.0126
120	IND, BUS, COMM (NEC)	26	0.0043	-0.0180	0.0032	-0.0045	-0.0202	-0.0149	-0.0189	-0.0254	0.0067	-0.0056
121	RETAIL (NEC)	2	0.0115	0.0113	0.0099	-0.0017	0.0030	0.0090	-0.0064	0.0055	-0.0102	-0.0076
122	TRANSPORTATION (NEC)	6	-0.0047	-0.0068	-0.0037	0.0068	0.0014	-0.0067	-0.0005	-0.0029	0.0031	-0.0043
123	REAL ESTATE (NEC)	5	0.0067	0.0044	-0.0015	0.0116	-0.0046	0.0055	0.0060	-0.0040	0.0018	-0.0004
124	INSURANCE (NEC)	7	-0.0111	0.0080	0.0089	-0.0121	-0.0093	-0.0082	0.0017	0.0062	0.0031	-0.0099
125	ELECTRONICS (NEC)	2	0.0115	-0.0082	0.0009	0.0039	-0.0200	-0.0185	-0.0064	-0.0160	-0.0102	-0.0106
140	"WORK WITH PEOPLE" (NEC)	2	-0.0068	-0.0082	0.0009	0.0096	-0.0101	-0.0075	-0.0136	-0.0037	-0.0027	-0.0106
141	"WORK W CHILDREN" (NEC)	7	-0.0013	-0.0041	-0.0056	-0.0061	-0.0164	-0.0082	-0.0080	-0.0119	-0.0039	-0.0077
211	MATH, STAT	20	-0.0041	0.0151	0.0199	0.0267	0.0187	0.0127	0.0281	0.0193	0.0251	0.0266
221	SYSTEMS ANALYST	14	0.0005	0.0065	0.0092	0.0125	0.0103	0.0217	0.0120	0.0110	0.0073	0.0211
222	COMPUTER PROGRAMMER	53	-0.0082	0.0027	0.0107	0.0383	0.0239	0.0318	0.0265	0.0328	0.0125	0.0298
229	COMPUTER SPEC (NEC)	4	0.0206	0.0113	0.0012	0.0016	-0.0004	0.0049	0.0013	0.0078	-0.0064	-0.0043
230	PHYSICAL SCI (NEC)	3	-0.0008	0.0072	0.0195	0.0025	-0.0057	-0.0047	-0.0019	0.0080	0.0029	-0.0043
231	CHEMIST	15	0.0115	0.0184	0.0040	0.0118	0.0195	0.0035	0.0277	0.0133	0.0107	0.0090
299	PHYS SCI, LAB TECH	29	0.0103	0.0032	0.0045	0.0054	0.0023	-0.0012	0.0053	0.0108	0.0113	0.0013
310	BIOLOGIST, ZOOLOGIST	20	0.0056	0.0274	0.0171	0.0249	0.0167	0.0110	0.0166	0.0310	0.0126	0.0224
315	PHARMACOLOGIST	4	-0.0096	0.0090	0.0076	0.0175	0.0088	0.0127	0.0167	0.0078	0.0003	-0.0035
316	MICROBIOLOGIST	13	0.0031	0.0128	0.0146	0.0200	0.0185	0.0175	0.0294	0.0194	0.0125	0.0150
317	BIOCHEMIST	8	0.0017	0.0242	0.0153	0.0079	0.0207	0.0152	0.0036	0.0110	0.0061	0.0149
319	OTHER CHEM SCI	3	0.0042	-0.0061	-0.0026	-0.0066	-0.0031	-0.0137	-0.0019	0.0004	-0.0002	0.0015
329	MD-OTHER	8	-0.0075	0.0160	0.0063	0.0303	0.0174	0.0015	0.0254	0.0202	0.0013	0.0103
333	VETERINARIAN	2	-0.0007	0.0015	-0.0082	-0.0017	0.0128	0.0035	0.0082	0.0024	0.0144	0.0087
335	PHARMACIST	14	0.0005	0.0151	0.0023	0.0147	0.0165	0.0154	0.0216	0.0145	0.0145	0.0045
337	RN	591	-0.0198	0.0678	0.0172	0.0163	0.0519	0.0323	0.0616	0.0716	0.0380	0.0586
341	DENTAL HYGIENIST	32	0.0003	0.0199	0.0035	0.0130	0.0209	0.0180	0.0154	0.0097	0.0079	0.0068
343	PHYSICAL THERAPIST	16	-0.0062	0.0227	0.0089	0.0211	0.0223	0.0098	0.0128	0.0177	0.0046	0.0178
344	OCCUPATIONAL THERAP	13	0.0007	0.0230	0.0182	0.0045	0.0159	0.0110	0.0180	0.0279	0.0103	0.0190
346	SPEC THERAP (MISC)	15	0.0093	0.0125	0.0140	-0.0066	0.0207	0.0095	0.0210	0.0167	0.0066	0.0183
347	MED/DENT TECHNOLOGIST	93	0.0061	0.0405	0.0146	0.0150	0.0258	0.0181	0.0313	0.0273	0.0142	0.0265
348	MED/DENT TECHNICIAN	138	0.0121	0.0020	-0.0211	-0.0004	-0.0054	0.0204	-0.0087	-0.0048	-0.0107	-0.0143
360	PSYCHOLOGIST	47	-0.0045	0.0241	0.0145	0.0325	0.0439	0.0396	0.0389	0.0365	0.0317	0.0445
369	PSYCH RES ASST	3	-0.0108	0.0019	0.0048	0.0071	0.0050	0.0222	0.0070	0.0080	0.0014	0.0190
370	SOCIAL WORKER	177	0.0008	0.0216	0.0010	0.0142	0.0405	0.0487	0.0341	0.0392	0.0166	0.0208
371	PSYCHIATRIC SOC WRKER	12	0.0083	0.0050	0.0095	0.0119	0.0086	0.0108	0.0126	0.0021	0.0082	0.0101
372	COUNSELING/GUIDANCE	12	0.0058	-0.0003	-0.0052	0.0211	0.0113	-0.0027	0.0081	0.0034	-0.0057	0.0005
373	VOC/ED GUIDANCE	40	-0.0017	0.0235	0.0201	0.0088	0.0272	0.0143	0.0252	0.0287	0.0225	0.0280
382	ECONOMIST	2	0.0054	0.0113	0.0099	-0.0017	0.0030	-0.0075	-0.0064	0.0116	0.0030	0.0006
383	SOCIOLOGIST	2	-0.0007	-0.0050	-0.0082	-0.0017	-0.0003	-0.0020	-0.0100	-0.0068	-0.0008	0.0016
384	ANTHROPOLOGIST	4	0.0077	0.0021	0.0012	0.0016	0.0181	0.0243	0.0115	0.0143	0.0096	0.0044
389	SOCIAL SCI (MISC)	6	0.0059	0.0120	-0.0037	0.0036	0.0089	0.0092	0.0120	0.0077	0.0096	0.0227
391	POLITICIAN	5	0.0067	-0.0120	-0.0072	0.0116	0.0140	0.0159	0.0106	0.0058	0.0126	0.0060
392	DIPLOMAT	3	0.0042	-0.0035	-0.0026	0.0025	0.0050	0.0087	0.0070	0.0130	-0.0079	0.0007
393	LAWYER	11	-0.0042	0.0174	0.0040	0.0344	0.0370	0.0269	0.0284	0.0279	0.0204	0.0187
394	MARKET ANALYST	3	-0.0008	0.0098	-0.0026	-0.0021	0.0130	0.0222	0.0011	0.0130	0.0122	0.0082
398	CITY PLANNER (NEC)	3	0.0042	0.0204	0.0048	0.0255	0.0184	0.0177	0.0248	0.0180	0.0091	0.0173
400	TEACHER (NEC)	1326	0.0071	0.0852	0.0500	0.0452	0.1147	0.066[illegible]	0.1049	0.1058	0.0570	0.1060
410	TCHNG YNG CHILDREN	10	0.0094	0.0005	-0.0102	-0.0037	0.0081	-0.0021	0.0118	0.0054	-0.0042	0.0067
411	TCHNG PRESCH CHILDREN	30	0.0147	0.0176	-0.0130	0.0037	0.0234	0.0220	0.0119	0.0101	-0.0088	0.0058
412	TEACHER-ELEM	616	0.0007	0.0341	0.0015	0.0213	0.0612	0.0434	0.0526	0.0487	0.0183	0.0493
420	TEACHER-HS (NEC)	81	-0.0053	0.0260	0.0120	0.0079	0.0285	0.0170	0.0321	0.0333	0.0302	0.0258
421	TEACHER-HS MATH	36	-0.0058	0.0103	-0.0027	0.0220	0.0142	-0.0047	0.0218	0.0255	0.0129	0.0297
422	TEACHER-HS SCIENCE	30	0.0163	0.0252	0.0104	0.0225	0.0149	0.0078	0.0223	0.0284	0.0259	0.0363
423	TEACHER-HS SOC STUD	54	-0.0094	0.0242	0.0168	0.0248	0.0395	0.0033	0.0390	0.0321	0.0117	0.0141
424	TEACHER-ENGLISH	132	0.0164	0.0228	0.0194	0.0294	0.0554	0.0379	0.0572	0.0459	0.0315	0.0486
425	TEACHER-FOREIGN LANG	46	-0.0096	0.0371	0.0099	0.0236	0.0225	0.0224	0.0293	0.0289	0.0288	0.0439
426	TEACHER-COMM ED	57	-0.0116	0.0020	-0.0047	-0.0121	-0.0054	-0.0010	0.0028	0.0089	-0.0003	0.0058
427	TEACHER-HS HOME EC	68	-0.0019	0.0144	0.0082	-0.0040	0.0083	0.0118	0.0146	0.0051	0.0112	0.0172
428	TEACHER-TRADES	4	0.0034	0.0044	0.0076	0.0175	-0.0004	0.0166	0.0167	0.0029	-0.0037	0.0001
429	TEACHER-PHYS ED	59	0.0031	0.0232	0.0056	0.0054	0.0013	-0.0024	0.0029	0.0063	0.0058	0.0160
431	TEACHER-ART	50	0.0064	0.0173	0.0080	0.0130	0.0300	0.0273	0.0256	0.0330	0.0163	0.0195
432	TEACHER-MUSIC	65	0.0036	-0.0005	0.0106	0.0033	0.0086	0.0121	0.0147	0.0084	0.0115	0.0144
440	TEACHER-HANDICAPPED	70	-0.0154	0.0365	0.0098	0.0234	0.0459	0.0253	0.0201	0.0237	0.0054	0.0140
441	SPEECH THERAPIST	39	-0.0030	0.0251	0.0069	-0.0010	0.0343	0.0253	0.0196	0.0232	-0.0001	0.0050
450	SCHOOL ADM (EXC COLL)	5	-0.0088	0.0065	-0.0072	-0.0098	-0.0005	0.0020	0.0014	-0.0020	0.0066	-0.0043
460	COLL/UNIV TCHR (NEC)	107	0.0084	0.0401	0.0182	0.0447	0.0535	0.0458	0.0599	0.0493	0.0260	0.0405
461	COLL/UNIV TCHR-MATH	10	-0.0042	0.0179	0.0141	0.0214	0.0140	0.0029	0.0199	0.0178	0.0042	0.0154
462	COLL/UNIV TCHR-SCIENCE	17	0.0232	0.0412	0.0196	0.0375	0.0385	0.0196	0.0475	0.0323	0.0169	0.0275
463	COLL/UNIV TCHR-SOC SCI	16	-0.0106	0.0204	-0.0007	0.0151	0.0223	0.0176	0.0244	0.0231	0.0059	0.0261
464	COLL/UNIV TCHR-ENGLISH	32	0.0141	0.0345	0.0080	0.0158	0.0414	0.0318	0.0354	0.0450	0.0159	0.0262
465	COLL/UNIV TCHR-FOR LANG	19	0.0019	0.0173	0.0071	0.0313	0.0246	0.0250	0.0287	0.0324	0.0262	0.0291
470	COLL/UNIV TCHR-ADM	4	-0.0096	0.0067	-0.0052	0.0254	0.0204	0.0088	0.0064	0.0078	0.0070	0.0101
499	AUX JOBS IN EDUC	3	-0.0058	-0.0194	-0.0100	-0.0112	-0.0138	-0.0137	-0.0078	-0.0196	-0.0048	-0.0151
511	LIBRARIAN	77	0.0047	0.0231	0.0032	0.0041	0.0383	0.0198	0.0340	0.0388	0.0141	0.0358
521	CLERGYMAN	7	-0.0013	-0.0041	0.0089	0.0119	0.0117	0.0036	-0.0003	0.0160	-0.0100	0.0119
522	MONK, BROTHER, NUN	29	0.0022	0.0143	0.0069	0.0054	0.0109	0.0147	0.0158	0.0116	0.0033	0.0083

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TABLE 4.2 (continued)

			POINT BISERIAL CORRELATIONS									
			INFORMATION TEST II (CONTD.)									
			FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY	GAMES (SEDENT)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS
#	GROUP	N	R-146	R-147	R-148	R-149	R-150	R-151	R-152	R-162	R-211	R-212
523	RELIG WORKER (OTHER)	35	-0.0087	-0.0014	-0.0039	0.0024	-0.0029	-0.0025	0.0072	0.0050	0.0034	0.0201
531	WRITER (NEC)	28	-0.0025	0.0057	0.0057	0.0223	0.0348	0.0395	0.0354	0.0288	-0.0059	0.0045
532	FICTION WRITER	5	0.0028	0.0086	-0.0015	0.0116	0.0161	0.0159	0.0129	0.0077	0.0030	0.0157
533	NONFIC WRTR (EXC JRNLIST)	5	0.0067	0.0147	0.0157	0.0187	0.0223	0.0194	0.0244	0.0174	0.0078	0.0195
534	JOURNALIST/REPORTER	23	-0.0113	0.0272	0.0150	0.0175	0.0357	0.0183	0.0320	0.0318	0.0228	0.0331
536	PUBLISHER, ETC.	4	0.0077	0.0090	0.0076	0.0095	0.0019	0.0088	0.0090	-0.0031	0.0056	0.0137
537	EDITOR	10	0.0039	0.0136	0.0060	0.0138	0.0286	0.0151	0.0215	0.0191	0.0102	0.0122
539	TRANSLAT, INTERPR, LINGST	13	-0.0017	0.0204	0.0076	0.0067	0.0211	0.0132	0.0251	0.0230	0.0014	0.0226
541	FINE ARTS	42	0.0049	0.0133	0.0040	0.0218	0.0122	0.0159	0.0176	0.0238	-0.0002	0.0192
545	COMM ARTIST	35	-0.0072	0.0172	-0.0017	-0.0057	0.0050	0.0027	0.0090	0.0138	-0.0002	0.0001
547	DESIGNER (CONS GDS)	3	-0.0108	0.0178	0.0195	0.0117	0.0237	0.0267	0.0100	0.0155	0.0091	0.0115
551	MUSICIAN	7	0.0053	0.0028	-0.0008	0.0119	0.0117	0.0212	0.0230	0.0226	0.0102	0.0168
552	SINGER	13	0.0079	-0.0076	0.0076	-0.0131	-0.0034	-0.0062	-0.0105	-0.0023	-0.0045	-0.0006
559	MUSIC-RELATED (MISC)	2	0.0115	0.0113	0.0099	0.0039	0.0062	0.0145	0.0118	0.0024	0.0049	0.0056
560	DANCER, CHOREOG	12	-0.0116	0.0077	-0.0015	0.0051	0.0019	0.0040	-0.0037	0.0059	-0.0026	-0.0078
571	ACTOR	8	0.0048	0.0047	0.0153	0.0191	0.0223	-0.0123	0.0072	0.0125	0.0079	0.0047
572	THEATRICAL DIRECTING	2	-0.0007	-0.0050	0.0009	-0.0017	0.0128	0.0035	0.0118	-0.0007	-0.0027	0.0077
575	THEATRE (OTHER)	11	-0.0172	0.0105	0.0078	-0.0087	0.0105	0.0222	-0.0041	0.0148	0.0099	-0.0017
579	MISC PERF ARTS	3	-0.0058	-0.0141	0.0048	0.0025	0.0157	0.0043	-0.0048	0.0105	0.0153	0.0165
581	MODEL	8	0.0078	-0.0197	-0.0073	-0.0034	-0.0072	0.0097	0.0036	-0.0013	0.0070	-0.0055
611	PRO ATHLETE	2	-0.0068	0.0015	0.0009	0.0039	-0.0003	0.0035	-0.0027	-0.0099	-0.0102	-0.0025
621	RECREATION DIR	8	-0.0014	0.0014	0.0153	0.0051	0.0059	0.0042	0.0018	-0.0013	-0.0119	0.0001
631	FARM/RANCH OWNER	3	0.0191	-0.0035	-0.0026	-0.0066	-0.0057	-0.0047	-0.0108	-0.0021	-0.0017	-0.0035
639	FARMING (OTHER)	4	0.0120	0.0067	0.0012	-0.0063	-0.0028	0.0010	-0.0116	-0.0053	0.0056	0.0015
661	POLICE (PUBLIC)	5	0.0028	0.0127	-0.0072	0.0009	-0.0046	0.0020	-0.0009	-0.0040	-0.0114	0.0041
711A	BANKING & FINANCE, I	13	0.0007	-0.0178	-0.0102	-0.0065	-0.0085	-0.0062	-0.0148	-0.0119	-0.0045	-0.0038
711B	BANKING & FINANCE, II	3	0.0141	0.0098	-0.0026	0.0209	0.0076	0.0087	0.0100	0.0055	-0.0002	0.0007
716	CPA	8	0.0017	-0.0051	0.0063	-0.0062	0.0027	0.0042	-0.0036	-0.0059	0.0042	0.0057
717	ACCTANT (EXC CPA)	87	-0.0035	-0.0058	-0.0004	0.0077	-0.0060	-0.0104	0.0054	0.0071	-0.0086	0.0064
721	PURCHASING AGENT	3	-0.0008	0.0151	0.0121	-0.0021	0.0023	-0.0092	0.0011	0.0030	-0.0017	-0.0026
722	RETAIL BUYER	27	0.0075	-0.0024	0.0069	0.0061	0.0185	0.0173	-0.0006	0.0139	0.0078	-0.0060
724	ADVERTISING	23	0.0013	0.0234	0.0123	0.0109	0.0367	0.0361	0.0202	0.0245	0.0039	0.0139
725	PUBLIC RELATIONS	17	-0.0083	-0.0067	0.0165	0.0067	0.0216	0.0196	0.0039	0.0144	-0.0084	0.0044
726	PERSONNEL ADMIN	21	-0.0003	0.0129	0.0014	0.0050	0.0152	-0.0006	0.0063	0.0192	0.0008	0.0131
727	APPRAISING/ESTIMATING	16	0.0197	0.0008	0.0121	0.0151	0.0096	0.0021	0.0115	0.0047	0.0032	0.0048
728	LOAN/CREDIT INVESTIG	2	-0.0007	-0.0050	0.0009	0.0096	-0.0069	-0.0020	-0.0027	-0.0068	-0.0008	-0.0137
730	BUS, MGMT, ADM (NEC)	26	-0.0041	0.0064	0.0107	-0.0014	0.0025	-0.0012	0.0093	0.0147	-0.0169	-0.0039
732	WHSL/RET TRADE MGMT/MKTG	17	0.0022	0.0022	0.0041	0.0086	0.0058	0.0101	0.0126	0.0113	0.0014	0.0030
738	SUPERVISOR IN BUS	6	-0.0082	-0.0011	-0.0037	0.0003	-0.0024	-0.0098	-0.0089	0.0024	0.0031	-0.0090
741	SALESCLERK	36	-0.0187	-0.0319	-0.0112	-0.0045	-0.0222	-0.0319	-0.0270	-0.0311	-0.0197	-0.0222
743	STOCKBROKER	2	-0.0068	-0.0082	0.0099	-0.0017	-0.0101	0.0090	0.0009	-0.0007	0.0011	0.0056
745	REAL EST SLSMAN	5	-0.0049	-0.0079	-0.0072	-0.0062	-0.0088	-0.0049	-0.0032	0.0019	-0.0090	-0.0101
746	INSURANCE SLSMAN	6	-0.0047	0.0026	0.0067	0.0036	0.0032	-0.0035	-0.0047	-0.0011	-0.0133	-0.0173
748	OTHER SLSMAN (NEC)	15	0.0048	0.0030	0.0040	-0.0005	-0.0080	0.0015	0.0051	-0.0102	-0.0080	-0.0059
751	BOOKKEEPER	100	0.0151	-0.0165	0.0088	0.0033	-0.0138	-0.0268	-0.0214	-0.0099	0.0038	-0.0105
752	TELLER OR BANK CLERK	32	0.0126	-0.0070	0.0012	-0.0039	-0.0283	-0.0232	-0.0291	-0.0173	-0.0087	-0.0034
753	CASHIER	6	0.0024	-0.0124	-0.0089	0.0036	-0.0176	-0.0035	-0.0047	-0.0189	-0.0079	-0.0090
755	MISC ACCT RECDG	46	0.0108	-0.0084	0.0118	-0.0069	-0.0172	-0.0108	-0.0055	-0.0199	-0.0108	-0.0156
756	KEYPUNCH OP	69	-0.0102	-0.0100	-0.0049	0.0045	-0.0091	-0.0198	-0.0059	-0.0220	-0.0033	-0.0285
757	KEYPUNCH INSTRUC	3	-0.0158	-0.0114	-0.0026	0.0071	-0.0084	-0.0047	-0.0108	-0.0146	-0.0063	-0.0026
758	COMPUTER OP	57	-0.0048	-0.0114	-0.0114	-0.0195	-0.0115	-0.0061	-0.0265	-0.0090	-0.0028	-0.0077
761	SECRETARY (NEC)	851	-0.0004	-0.0282	-0.0123	-0.0229	-0.0248	-0.0224	-0.0169	-0.0193	-0.0204	-0.0199
762	SECRETARY-BOOKKEEPER	26	-0.0058	-0.0063	0.0006	0.0002	0.0043	0.0003	0.0022	0.0036	0.0125	0.0051
763	MED/DENT SECRETARY	39	0.0067	0.0037	-0.0013	-0.0163	0.0031	0.0129	-0.0059	0.0086	0.0050	-0.0010
764	LEGAL SECRETARY	45	0.0058	-0.0148	-0.0083	0.0039	-0.0022	-0.0032	-0.0026	-0.0022	0.0002	-0.0025
765	STENO, CRT REPRTR	48	-0.0033	-0.0085	0.0043	-0.0094	-0.0002	-0.0121	-0.0060	-0.0064	-0.0026	-0.0021
766	TYPIST, CLRK TYPIST	68	-0.0029	-0.0308	-0.0073	-0.0252	-0.0424	-0.0259	-0.0266	-0.0356	-0.0129	-0.0164
769	CLERK (MISC)	99	-0.0022	-0.0348	-0.0048	-0.0070	-0.0382	-0.0224	-0.0206	-0.0421	-0.0028	-0.0285
771	OFFICE SUPERVISOR	18	0.0000	-0.0052	0.0026	0.0043	-0.0009	-0.0060	0.0039	0.0083	-0.0098	-0.0034
772	OFFICE MANAGER	14	0.0190	0.0114	0.0092	-0.0150	-0.0120	-0.0053	-0.0004	-0.0029	0.0080	-0.0082
781	PHONE, PBX OP	21	0.0072	-0.0152	-0.0069	-0.0210	-0.0121	-0.0142	-0.0195	-0.0273	-0.0162	-0.0111
789	OTHER "PUB CONT" OCCS	38	-0.0100	-0.0158	-0.0086	-0.0022	-0.0051	-0.0050	-0.0186	-0.0121	-0.0042	-0.0083
791	RADIO, TELEGR, TELETYPE OP	6	0.0024	-0.0030	-0.0037	-0.0061	-0.0062	-0.0035	-0.0068	0.0042	-0.0046	-0.0231
797	MISC CLERICAL	25	-0.0024	-0.0066	-0.0084	-0.0075	-0.0262	-0.0095	-0.0133	-0.0123	0.0137	-0.0101
798	MISC ADMINISTRATIVE	14	0.0005	0.0065	-0.0011	0.0189	0.0079	0.0237	0.0079	0.0110	-0.0013	0.0099
810	ELECTRICIAN	2	-0.0068	-0.0050	-0.0082	0.0039	-0.0003	-0.0075	-0.0027	-0.0099	-0.0064	-0.0086
811	ELECTRONIC TECH	2	-0.0007	-0.0212	-0.0082	-0.0017	-0.0134	-0.0185	-0.0100	-0.0130	-0.0083	-0.0178
853	AUTO, BUS, TRUCK DRIVER	2	-0.0007	0.0080	-0.0082	0.0096	-0.0167	0.0090	-0.0064	-0.0068	0.0049	-0.0015
861	PRINTING TRADES	5	0.0028	0.0044	-0.0072	0.0151	0.0016	0.0055	-0.0009	0.0038	-0.0006	0.0086
864	DRAFTSMAN	4	-0.0010	0.0021	-0.0052	-0.0063	-0.0051	-0.0028	0.0064	-0.0140	-0.0024	0.0001
865	PHOTOGRAPHY	11	-0.0016	0.0105	0.0040	0.0152	-0.0021	-0.0059	0.0083	0.0188	-0.0054	-0.0030
866	INTERIOR DECORATOR	31	-0.0011	-0.0073	0.0046	-0.0080	0.0121	0.0109	-0.0057	0.0001	0.0021	0.0128
868	CLTHNG & FASHN TRADES	41	-0.0125	-0.0197	-0.0090	-0.0237	-0.0253	-0.0219	-0.0256	-0.0339	-0.0074	-0.0108
871	DIETITIAN	17	0.0127	0.0122	0.0041	0.0125	0.0115	0.0177	0.0113	0.0123	0.0098	0.0229
872	HOME ECONOMIST	35	0.0045	0.0141	0.0047	0.0118	0.0018	-0.0025	0.0081	0.0094	0.0007	0.0072
873	AIRLINE STEWARD, STEWARDESS	23	-0.0023	0.0147	-0.0010	0.0076	0.0038	0.0053	0.0020	0.0091	-0.0051	0.0103
881	FOOD & BEVERAGE PREP	8	-0.0014	-0.0181	0.0017	-0.0118	-0.0236	-0.0287	-0.0218	-0.0198	-0.0148	-0.0335
891	MISC PERSONAL SERV	23	-0.0023	-0.0313	-0.0224	-0.0156	-0.0243	-0.0076	-0.0173	-0.0199	-0.0129	-0.0234
893	HAIRDRESSER	201	-0.0013	-0.0432	-0.0243	-0.0327	-0.0700	-0.0504	-0.0554	-0.0722	-0.0283	-0.0532
894	PRACTICAL NURSE	168	0.0038	-0.0107	-0.0177	-0.0234	-0.0342	-0.0372	-0.0172	-0.0324	-0.0246	-0.0461
895	NURSES' AIDE	17	-0.0145	-0.0257	0.0010	-0.0184	-0.0313	-0.0106	-0.0148	-0.0257	-0.0136	-0.0235
899	GENERAL LABORER	62	-0.0005	-0.0524	-0.0195	-0.0316	-0.0560	-0.0458	-0.0459	-0.0640	-0.0110	-0.0418

TABLE 4.2 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
				ENGLISH TEST								
			DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION	USAGE	EFFECT EXPRESS	WORD FN IN SENT	READING COMP	CREATIVITY	MECH REASONING
			R-220	R-231	R-232	R-233	R-234	R-235	R-240	R-250	R-260	R-270
000	NO ANSWER	1522	-0.0861	-0.0888	-0.1009	-0.1373	-0.0906	-0.0994	-0.1079	-0.1376	-0.0892	-0.0829
001	DON'T KNOW	166	-0.0076	-0.0034	0.0034	-0.0114	0.0090	0.0022	-0.0010	0.0026	-0.0005	-0.0003
010	HOUSEWIFE	6168	-0.0683	-0.0787	-0.0183	-0.0986	-0.0918	-0.0652	-0.1469	-0.1307	-0.0763	-0.0596
020	NO SPEC INCOME JOB	4	0.0062	0.0159	-0.0026	0.0079	-0.0080	0.0088	-0.0034	0.0076	0.0068	0.0053
101	EXECUTIVE (NEC)	2	0.0014	-0.0081	-0.0028	-0.0030	-0.0037	0.0092	0.0055	0.0022	-0.0030	0.0134
102	FOREMAN (NEC)	2	-0.0195	-0.0188	-0.0335	-0.0186	-0.0154	-0.0174	-0.0014	-0.0003	-0.0061	-0.0139
111	WORK FOR GOVT (NEC)	31	-0.0040	-0.0035	-0.0190	-0.0087	-0.0068	-0.0104	0.0040	0.0054	-0.0032	-0.0131
112	IN BUS FOR SELF (NEC)	33	-0.0042	-0.0117	-0.0301	-0.0162	-0.0123	-0.0165	-0.0151	-0.0117	0.0030	-0.0062
120	IND, BUS, COMM (NEC)	26	-0.0044	-0.0030	-0.0057	-0.0087	-0.0021	-0.0062	-0.0159	-0.0123	-0.0181	-0.0149
121	RETAIL (NEC)	2	0.0065	0.0070	0.0013	0.0099	0.0041	0.0003	0.0145	0.0079	0.0079	-0.0010
122	TRANSPORTATION (NEC)	6	-0.0062	-0.0066	-0.0073	-0.0010	-0.0008	-0.0063	-0.0053	-0.0013	-0.0105	-0.0064
123	REAL ESTATE (NEC)	5	0.0137	-0.0006	0.0046	0.0007	-0.0034	-0.0135	-0.0098	-0.0017	0.0017	0.0085
124	INSURANCE (NEC)	7	0.0052	-0.0083	0.0013	-0.0170	-0.0132	-0.0002	-0.0091	-0.0098	0.0015	0.0084
125	ELECTRONICS (NEC)	2	-0.0095	-0.0016	0.0053	-0.0030	0.0021	-0.0056	0.0036	-0.0060	-0.0092	-0.0155
140	"WORK WITH PEOPLE" (NEC)	2	-0.0103	-0.0145	0.0013	-0.0072	-0.0018	-0.0026	-0.0104	-0.0003	-0.0154	0.0118
141	"WORK W CHILDREN" (NEC)	7	-0.0128	-0.0083	-0.0075	-0.0139	0.0014	-0.0081	-0.0117	-0.0108	-0.0151	-0.0019
211	MATH, STAT	20	0.0120	0.0152	0.0091	0.0330	0.0234	0.0122	0.0402	0.0285	0.0206	0.0374
221	SYSTEMS ANALYST	14	0.0165	0.0038	-0.0098	0.0196	0.0152	0.0120	0.0312	0.0268	0.0291	0.0422
222	COMPUTER PROGRAMMER	53	0.0211	0.0168	0.0148	0.0263	0.0153	0.0151	0.0339	0.0304	0.0111	0.0349
229	COMPUTER SPEC (NEC)	4	0.0056	0.0114	0.0018	0.0099	0.0030	0.0088	0.0135	0.0111	0.0145	0.0087
230	PHYSICAL SCI (NEC)	3	0.0035	0.0112	-0.0001	0.0022	0.0050	-0.0008	0.0080	0.0125	0.0084	0.0131
231	CHEMIST	15	0.0130	0.0100	0.0109	0.0273	0.0133	0.0122	0.0357	0.0210	0.0234	0.0253
299	PHYS SCI, LAB TECH	29	-0.0012	-0.0026	-0.0103	-0.0120	-0.0004	-0.0015	-0.0020	-0.0046	0.0023	0.0032
310	BIOLOGIST, ZOOLOGIST	20	0.0229	0.0084	-0.0174	0.0195	0.0147	0.0197	0.0292	0.0376	0.0240	0.0196
315	PHARMACOLOGIST	4	0.0038	0.0114	0.0104	0.0160	0.0168	0.0046	0.0078	0.0156	0.0101	0.0053
316	MICROBIOLOGIST	13	0.0223	0.0114	0.0024	0.0193	0.0211	0.0060	0.0225	0.0225	0.0311	0.0162
317	BIOCHEMIST	8	0.0083	0.0096	0.0148	0.0212	0.0189	0.0110	0.0200	0.0227	0.0065	0.0116
319	OTHER CHEM SCI	3	-0.0123	-0.0046	-0.0018	-0.0025	-0.0062	-0.0032	-0.0009	-0.0040	-0.0017	-0.0118
329	MD-OTHER	8	0.0088	0.0182	0.0086	0.0155	0.0208	0.0095	0.0126	0.0208	0.0135	0.0140
333	VETERINARIAN	2	0.0065	0.0091	-0.0008	0.0084	0.0041	0.0151	0.0165	0.0117	0.0126	0.0070
335	PHARMACIST	14	0.0114	0.0168	0.0110	0.0191	0.0122	0.0153	0.0275	0.0206	0.0127	0.0215
337	RN	591	0.0449	0.0489	0.0314	0.0731	0.0585	0.0504	0.0821	0.0901	0.0590	0.0619
341	DENTAL HYGIENIST	32	0.0194	0.0112	-0.0093	0.0049	0.0094	0.0064	0.0249	0.0197	0.0141	0.0167
343	PHYSICAL THERAPIST	16	0.0201	0.0022	0.0137	0.0198	0.0191	0.0155	0.0227	0.0225	0.0152	0.0220
344	OCCUPATIONAL THERAP	13	0.0206	0.0139	0.0136	0.0266	0.0173	0.0118	0.0257	0.0235	0.0263	0.0326
346	SPEC THERAP (MISC)	15	0.0203	0.0171	0.0154	0.0252	0.0254	0.0176	0.0176	0.0256	0.0137	0.0124
347	MED/DENT TECHNOLOGIST	93	0.0104	0.0180	0.0107	0.0305	0.0221	0.0232	0.0405	0.0326	0.0291	0.0375
348	MED/DENT TECHNICIAN	138	-0.0182	-0.0275	-0.0167	-0.0307	-0.0201	-0.0145	-0.0219	-0.0114	-0.0031	-0.0099
360	PSYCHOLOGIST	47	0.0324	0.0353	0.0192	0.0392	0.0407	0.0274	0.0463	0.0531	0.0294	0.0304
369	PSYCH RES ASST	3	0.0055	0.0059	0.0099	0.0080	0.0034	0.0112	0.0186	0.0058	0.0135	0.0053
370	SOCIAL WORKER	177	0.0280	0.0239	0.0169	0.0371	0.0408	0.0340	0.0390	0.0498	0.0212	0.0097
371	PSYCHIATRIC SOC WRKER	12	0.0049	0.0047	0.0022	0.0143	-0.0020	0.0044	0.0107	0.0229	0.0111	0.0152
372	COUNSELING/GUIDANCE	12	0.0028	-0.0014	0.0056	0.0090	0.0004	0.0032	0.0038	0.0085	-0.0117	-0.0019
373	VOC/ED GUIDANCE	40	0.0245	0.0239	0.0170	0.0359	0.0265	0.0225	0.0366	0.0322	0.0319	0.0223
382	ECONOMIST	2	0.0040	0.0048	0.0033	0.0070	0.0002	-0.0026	0.0095	0.0079	0.0063	0.0102
383	SOCIOLOGIST	2	-0.0002	0.0005	0.0013	-0.0044	0.0041	0.0003	0.0016	0.0054	0.0017	-0.0043
384	ANTHROPOLOGIST	4	0.0097	0.0129	0.0018	0.0099	0.0099	0.0130	0.0043	0.0111	0.0079	0.0087
389	SOCIAL SCI (MISC)	6	0.0161	0.0195	0.0057	0.0146	0.0138	0.0057	0.0171	0.0169	0.0119	0.0140
391	POLITICIAN	5	0.0105	-0.0046	0.0007	0.0052	0.0027	-0.0023	-0.0029	0.0103	0.0105	-0.0016
392	DIPLOMAT	3	-0.0013	0.0024	0.0049	0.0092	0.0066	0.0160	0.0129	0.0135	0.0059	-0.0078
393	LAWYER	11	0.0293	0.0168	0.0125	0.0162	0.0212	0.0077	0.0277	0.0316	0.0272	0.0243
394	MARKET ANALYST	3	0.0042	0.0041	0.0015	0.0092	0.0113	0.0040	0.0121	0.0125	0.0084	0.0184
398	CITY PLANNER (NEC)	3	0.0117	0.0094	0.0065	0.0220	0.0098	0.0112	0.0226	0.0192	0.0224	0.0092
400	TEACHER (NEC)	1326	0.0866	0.0996	0.0671	0.1275	0.1116	0.1015	0.1589	0.1455	0.0772	0.0440
410	TCHNG YNG CHILDREN	10	0.0073	-0.0181	0.0065	0.0068	0.0047	-0.0033	0.0115	0.0052	0.0163	0.0221
411	TCHNG PRESCH CHILDREN	30	0.0002	-0.0053	-0.0004	0.0022	0.0067	0.0050	0.0032	0.0171	-0.0047	-0.0040
412	TEACHER-ELEM	616	0.0349	0.0489	0.0442	0.0604	0.0489	0.0451	0.0851	0.0718	0.0513	0.0238
420	TEACHER-HS (NEC)	81	0.0268	0.0158	0.0128	0.0379	0.0278	0.0310	0.0538	0.0464	0.0269	0.0280
421	TEACHER-HS MATH	36	0.0115	0.0209	0.0159	0.0389	0.0269	0.0173	0.0419	0.0262	0.0174	0.0452
422	TEACHER-HS SCIENCE	30	0.0203	0.0131	0.0170	0.0346	0.0273	0.0111	0.0310	0.0306	0.0294	0.0312
423	TEACHER-HS SOC STUD	54	0.0144	0.0097	0.0112	0.0228	0.0057	0.0113	0.0122	0.0350	0.0222	0.0104
424	TEACHER-ENGLISH	132	0.0513	0.0546	0.0264	0.0657	0.0575	0.0481	0.0686	0.0713	0.0418	0.0211
425	TEACHER-FOREIGN LANG	46	0.0379	0.0339	0.0222	0.0444	0.0427	0.0329	0.0586	0.0486	0.0178	0.0259
426	TEACHER-COMM ED	57	-0.0021	0.0116	0.0075	0.0064	0.0104	0.0042	0.0006	0.0003	-0.0050	-0.0032
427	TEACHER-HS HOME EC	68	-0.0096	0.0011	0.0133	0.0182	0.0114	0.0160	0.0235	0.0183	0.0016	0.0080
428	TEACHER-TRADES	4	-0.0003	0.0038	0.0076	0.0079	0.0044	0.0088	-0.0076	0.0129	0.0079	0.0156
429	TEACHER-PHYS ED	59	0.0078	-0.0008	0.0076	0.0089	-0.0099	0.0139	0.0124	0.0100	0.0060	0.0174
431	TEACHER-ART	50	0.0121	0.0146	0.0194	0.0229	0.0231	0.0128	0.0194	0.0272	0.0175	0.0260
432	TEACHER-MUSIC	65	0.0216	0.0282	0.0118	0.0322	0.0277	0.0233	0.0342	0.0233	0.0080	0.0147
440	TEACHER-HANDICAPPED	70	0.0249	0.0150	0.0126	0.0208	0.0132	0.0198	0.0293	0.0294	0.0152	0.0104
441	SPEECH THERAPIST	39	0.0112	0.0125	0.0157	0.0086	0.0171	0.0111	0.0136	0.0244	0.0300	0.0121
450	SCHOOL ADM (EXC COLL)	5	0.0009	-0.0033	0.0110	0.0034	0.0089	0.0070	0.0028	0.0051	0.0086	-0.0016
460	COLL/UNIV TCHR (NEC)	107	0.0369	0.0379	0.0255	0.0410	0.0462	0.0337	0.0610	0.0707	0.0531	0.0452
461	COLL/UNIV TCHR-MATH	10	0.0149	0.0098	0.0037	0.0208	0.0143	0.0113	0.0222	0.0199	0.0100	0.0322
462	COLL/UNIV TCHR-SCIENCE	17	0.0213	0.0199	0.0198	0.0334	0.0333	0.0206	0.0365	0.0390	0.0310	0.0438
463	COLL/UNIV TCHR-SOC SCI	16	0.0219	0.0227	0.0180	0.0264	0.0246	0.0134	0.0245	0.0317	0.0202	0.0039
464	COLL/UNIV TCHR-ENGLISH	32	0.0324	0.0273	0.0147	0.0438	0.0426	0.0256	0.0469	0.0480	0.0312	0.0320
465	COLL/UNIV TCHR-FOR LANG	19	0.0383	0.0302	0.0151	0.0348	0.0334	0.0168	0.0399	0.0324	0.0249	0.0171
470	COLL/UNIV TCHR-ADM	4	-0.0009	0.0053	0.0047	0.0160	0.0195	0.0109	0.0170	0.0129	0.0134	0.0065
499	AUX JOBS IN EDUC	3	-0.0143	-0.0099	-0.0085	-0.0211	-0.0094	-0.0080	-0.0058	-0.0237	-0.0221	-0.0157
511	LIBRARIAN	77	0.0199	0.0313	0.0226	0.0375	0.0284	0.0260	0.0455	0.0428	0.0190	0.0109
521	CLERGYMAN	7	-0.0056	-0.0014	-0.0020	-0.0093	0.0024	0.0108	0.0085	0.0105	-0.0018	0.0006
522	MONK, BROTHER, NUN	29	0.0078	0.0161	0.0016	0.0217	0.0247	0.0233	0.0320	0.0263	0.0223	0.0121

TABLE 4.2 (continued)

			POINT BISERIAL CORRELATIONS									
				ENGLISH TEST								
#	GROUP	N	DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION	USAGE	EFFECT EXPRESS	WORD FN IN SENT	READING COMP	CREATIVITY	MECH REASONING
			R-220	R-231	R-232	R-233	R-234	R-235	R-240	R-250	R-260	R-270
523	RELIG WORKER (OTHER)	35	0.0121	0.0047	0.0052	0.0101	0.0138	0.0094	0.0117	0.0132	0.0063	0.0022
531	WRITER (NEC)	28	0.0180	0.0174	-0.0193	0.0171	0.0157	0.0209	0.0157	0.0229	0.0196	0.0060
532	FICTION WRITER	5	0.0025	0.0049	-0.0032	0.0061	0.0064	0.0052	0.0072	0.0103	0.0095	-0.0016
533	NONFIC WRTR (EXC JRNLIST)	5	0.0243	0.0212	0.0097	0.0133	0.0175	0.0052	0.0166	0.0175	0.0164	0.0227
534	JOURNALIST/REPORTER	23	0.0184	0.0258	0.0145	0.0274	0.0224	0.0302	0.0289	0.0362	0.0259	0.0273
536	PUBLISHER, ETC.	4	0.0068	0.0159	0.0104	0.0129	0.0030	0.0025	0.0022	0.0085	0.0035	-0.0015
537	EDITOR	10	0.0329	0.0261	0.0147	0.0221	0.0265	0.0047	0.0244	0.0247	0.0156	0.0178
539	TRANSLAT, INTERPR, LINGST	13	0.0331	0.0232	0.0120	0.0277	0.0226	0.0210	0.0284	0.0262	0.0080	0.0125
541	FINE ARTS	42	0.0237	0.0080	-0.0045	0.0188	0.0161	0.0137	0.0185	0.0298	0.0298	0.0370
545	COMM ARTIST	35	0.0093	-0.0061	-0.0040	0.0047	0.0114	0.0066	0.0033	0.0207	0.0175	0.0272
547	DESIGNER (CONS GDS)	3	0.0192	0.0164	-0.0051	0.0161	0.0177	0.0160	0.0161	0.0177	0.0122	0.0197
551	MUSICIAN	7	0.0123	0.0032	-0.0271	0.0013	0.0066	-0.0018	0.0154	0.0068	0.0123	0.0118
552	SINGER	13	0.0052	0.0030	0.0016	-0.0031	-0.0049	-0.0079	-0.0021	0.0036	-0.0055	-0.0027
559	MUSIC-RELATED (MISC)	2	0.0056	0.0113	0.0053	0.0156	0.0060	0.0121	0.0095	0.0129	0.0048	0.0038
560	DANCER, CHOREOG	12	-0.0085	-0.0084	-0.0061	-0.0049	-0.0060	0.0080	-0.0063	-0.0011	-0.0041	0.0053
571	ACTOR	8	-0.0005	-0.0065	0.0025	0.0055	0.0052	0.0095	0.0086	0.0044	0.0096	-0.0061
572	THEATRICAL DIRECTING	2	0.0107	0.0070	0.0033	0.0113	0.0041	0.0033	0.0115	0.0079	0.0141	-0.0010
575	THEATRE (OTHER)	11	0.0071	-0.0071	-0.0014	0.0095	-0.0021	0.0039	0.0077	0.0078	0.0165	0.0174
579	MISC PERF ARTS	3	0.0048	0.0006	0.0065	0.0022	0.0177	0.0112	0.0072	0.0109	-0.0005	-0.0065
581	MODEL	8	-0.0013	-0.0205	0.0015	-0.0137	-0.0123	-0.0067	-0.0113	-0.0080	-0.0036	-0.0005
611	PRO ATHLETE	2	-0.0028	-0.0081	0.0053	-0.0058	-0.0057	-0.0056	-0.0044	-0.0124	0.0017	0.0166
621	RECREATION DIR	8	-0.0005	-0.0076	0.0086	-0.0109	0.0072	0.0095	-0.0098	-0.0032	-0.0060	0.0035
631	FARM/RANCH OWNER	3	-0.0041	-0.0099	-0.0068	-0.0048	0.0034	0.0016	-0.0107	0.0001	-0.0005	0.0027
639	FARMING (OTHER)	4	-0.0110	-0.0160	-0.0040	-0.0163	-0.0094	-0.0016	-0.0147	-0.0018	-0.0119	0.0087
661	POLICE (PUBLIC)	5	0.0025	-0.0019	-0.0419	-0.0056	-0.0084	-0.0042	-0.0098	-0.0041	0.0017	0.0065
711A	BANKING & FINANCE, I	13	-0.0077	-0.0097	-0.0192	-0.0126	-0.0034	-0.0067	-0.0052	-0.0078	-0.0073	-0.0064
711B	BANKING & FINANCE, II	3	-0.0006	-0.0064	0.0049	0.0022	-0.0078	-0.0008	0.0088	0.0099	0.0109	0.0145
716	CPA	8	-0.0101	0.0075	-0.0067	-0.0024	0.0033	0.0095	0.0021	-0.0016	0.0049	0.0019
717	ACCTANT (EXC CPA)	87	0.0001	0.0040	0.0030	0.0106	-0.0022	-0.0017	0.0059	0.0049	0.0081	0.0073
721	PURCHASING AGENT	3	-0.0020	0.0059	0.0065	0.0080	0.0050	0.0112	0.0039	-0.0051	-0.0030	0.0066
722	RETAIL BUYER	27	0.0001	-0.0034	-0.0004	0.0012	-0.0021	0.0024	-0.0004	0.0003	-0.0103	-0.0008
724	ADVERTISING	23	0.0414	0.0150	0.0115	0.0219	0.0224	0.0093	0.0172	0.0235	0.0305	0.0225
725	PUBLIC RELATIONS	17	0.0061	0.0148	0.0072	0.0065	0.0105	0.0055	0.0208	0.0096	0.0065	0.0080
726	PERSONNEL ADMIN	21	0.0092	0.0083	0.0047	0.0181	0.0090	0.0142	0.0157	0.0249	0.0213	0.0363
727	APPRAISING/ESTIMATING	16	0.0189	0.0174	0.0108	0.0078	0.0101	0.0124	0.0055	0.0084	0.0119	0.0147
728	LOAN/CREDIT INVESTIG	2	-0.0061	0.0027	0.0013	-0.0129	0.0021	0.0033	-0.0034	-0.0079	-0.0076	-0.0075
730	BUS, MGMT, ADM (NEC)	26	0.0075	0.0024	0.0079	0.0071	0.0017	0.0044	0.0101	0.0130	0.0125	0.0047
732	WHSL/RET TRADE MGMT/MKTG	17	0.0179	-0.0059	0.0051	-0.0018	0.0098	0.0156	0.0051	0.0046	0.0049	0.0129
738	SUPERVISOR IN BUS	6	-0.0067	-0.0091	0.0010	-0.0142	0.0003	-0.0114	-0.0042	-0.0130	0.0020	0.0028
741	SALESCLERK	36	-0.0297	-0.0227	-0.0207	-0.0351	-0.0223	-0.0251	-0.0338	-0.0394	-0.0303	-0.0173
743	STOCKBROKER	2	0.0031	0.0005	0.0094	0.0141	0.0021	-0.0026	0.0045	-0.0016	0.0032	0.0022
745	REAL EST SLSMAN	5	-0.0006	-0.0087	0.0033	-0.0029	-0.0047	0.0033	-0.0130	-0.0001	-0.0052	0.0014
746	INSURANCE SLSMAN	6	-0.0082	-0.0140	0.0081	-0.0043	0.0059	0.0039	-0.0088	-0.0021	-0.0034	-0.0046
748	OTHER SLSMAN (NEC)	15	0.0032	-0.0049	-0.0100	-0.0076	-0.0081	-0.0008	-0.0072	-0.0051	-0.0079	-0.0099
751	BOOKKEEPER	100	-0.0156	-0.0077	-0.0036	-0.0169	-0.0152	-0.0187	-0.0167	-0.0245	-0.0156	-0.0126
752	TELLER OR BANK CLERK	32	-0.0295	-0.0130	-0.0108	-0.0118	-0.0135	-0.0069	-0.0321	-0.0235	-0.0143	-0.0186
753	CASHIER	6	0.0025	0.0058	0.0034	0.0064	0.0025	-0.0046	-0.0053	-0.0123	-0.0132	-0.0194
755	MISC ACCT RECDG	46	-0.0052	-0.0164	-0.0042	-0.0139	-0.0253	-0.0176	-0.0204	-0.0239	-0.0195	-0.0161
756	KEYPUNCH OP	69	-0.0226	-0.0271	-0.0114	-0.0320	-0.0363	-0.0226	-0.0255	-0.0244	-0.0049	-0.0042
757	KEYPUNCH INSTRUC	3	-0.0089	-0.0169	-0.0135	-0.0118	-0.0189	-0.0056	-0.0074	-0.0144	-0.0144	-0.0118
758	COMPUTER OP	57	-0.0135	-0.0050	-0.0071	-0.0102	-0.0174	-0.0113	-0.0192	-0.0238	-0.0289	-0.0158
761	SECRETARY (NEC)	851	0.0111	0.0234	0.0059	-0.0043	-0.0148	-0.0071	-0.0359	-0.0268	-0.0224	-0.0397
762	SECRETARY-BOOKKEEPER	26	0.0022	0.0096	-0.0051	0.0071	-0.0005	0.0003	0.0078	-0.0032	-0.0026	-0.0109
763	MED/DENT SECRETARY	39	0.0068	-0.0002	0.0065	0.0034	0.0025	0.0071	-0.0074	-0.0058	0.0046	0.0009
764	LEGAL SECRETARY	45	0.0200	0.0101	-0.0014	0.0055	0.0094	0.0030	0.0042	0.0044	-0.0009	-0.0100
765	STENO, CRT REPRTR	48	0.0081	0.0126	0.0007	-0.0029	-0.0044	-0.0159	-0.0161	-0.0066	-0.0083	-0.0084
766	TYPIST, CLRK TYPIST	68	-0.0259	-0.0225	-0.0246	-0.0253	-0.0245	-0.0184	-0.0289	-0.0352	-0.0281	-0.0193
769	CLERK (MISC)	99	-0.0299	-0.0142	-0.0153	-0.0176	-0.0278	-0.0333	-0.0340	-0.0475	-0.0309	-0.0268
771	OFFICE SUPERVISOR	18	0.0035	-0.0092	-0.0065	-0.0112	-0.0086	-0.0128	-0.0089	0.0026	-0.0006	0.0012
772	OFFICE MANAGER	14	0.0089	0.0013	-0.0044	0.0099	-0.0018	-0.0036	-0.0083	0.0005	-0.0020	0.0009
781	PHONE, PBX OP	21	-0.0188	-0.0077	-0.0117	-0.0184	-0.0115	-0.0176	-0.0344	-0.0246	-0.0137	-0.0138
789	OTHER "PUB CONT" OCCS	38	-0.0010	-0.0008	-0.0002	-0.0037	-0.0082	-0.0095	-0.0023	-0.0105	-0.0048	-0.0086
791	RADIO, TELEGR, TELETYPE OP	6	-0.0135	-0.0202	-0.0049	-0.0035	-0.0110	-0.0080	-0.0186	0.0074	-0.0079	-0.0009
797	MISC CLERICAL	25	-0.0067	-0.0006	-0.0066	-0.0189	-0.0176	-0.0202	-0.0219	-0.0136	-0.0002	-0.0087
798	MISC ADMINISTRATIVE	14	-0.0063	0.0030	0.0033	0.0137	-0.0018	-0.0025	0.0090	0.0137	0.0092	-0.0015
810	ELECTRICIAN	2	-0.0019	-0.0038	-0.0028	0.0042	-0.0057	-0.0056	-0.0034	-0.0060	-0.0045	-0.0026
811	ELECTRONIC TECH	2	-0.0128	-0.0296	-0.0090	-0.0172	-0.0115	-0.0144	-0.0104	-0.0193	0.0017	-0.0043
853	AUTO, BUS, TRUCK DRIVER	2	-0.0103	-0.0038	0.0013	-0.0030	-0.0018	-0.0174	-0.0114	-0.0117	-0.0092	0.0006
861	PRINTING TRADES	5	-0.0006	-0.0033	-0.0058	0.0052	-0.0022	-0.0004	0.0066	-0.0053	-0.0013	0.0065
864	DRAFTSMAN	4	-0.0104	-0.0175	-0.0055	-0.0153	-0.0094	-0.0037	-0.0126	-0.0068	-0.0130	-0.0094
865	PHOTOGRAPHY	11	0.0086	0.0067	0.0073	0.0119	0.0079	-0.0100	0.0039	0.0086	0.0006	0.0188
866	INTERIOR DECORATOR	31	0.0028	-0.0046	0.0034	-0.0022	0.0081	0.0039	0.0058	0.0109	0.0098	0.0216
868	CLTHNG & FASHN TRADES	41	-0.0296	-0.0248	-0.0187	-0.0241	-0.0208	-0.0256	-0.0181	-0.0335	-0.0250	-0.0111
871	DIETITIAN	17	-0.0063	-0.0037	0.0051	0.0100	0.0125	0.0075	0.0160	0.0116	0.0204	0.0151
872	HOME ECONOMIST	35	-0.0007	0.0042	0.0170	0.0224	0.0254	0.0024	0.0083	0.0129	0.0160	0.0083
873	AIRLINE STEWARD, STEWARDESS	23	0.0040	0.0112	0.0097	0.0110	-0.0052	0.0067	0.0019	0.0026	0.0080	0.0149
881	FOOD & BEVERAGE PREP	8	-0.0269	-0.0248	-0.0159	-0.0373	-0.0192	-0.0303	-0.0302	-0.0279	-0.0246	-0.0125
891	MISC PERSONAL SERV	23	-0.0351	-0.0135	-0.0150	-0.0319	-0.0363	-0.0272	-0.0307	-0.0282	-0.0191	-0.0173
893	HAIRDRESSER	201	-0.0564	-0.0551	-0.0370	-0.0674	-0.0614	-0.0491	-0.0787	-0.0799	-0.0501	-0.0263
894	PRACTICAL NURSE	168	-0.0465	-0.0458	-0.0348	-0.0460	-0.0605	-0.0317	-0.0562	-0.0469	-0.0317	-0.0235
895	NURSES' AIDE	17	-0.0368	-0.0273	-0.0153	-0.0287	-0.0162	-0.0178	-0.0274	-0.0381	-0.0228	-0.0245
899	GENERAL LABORER	62	-0.0631	-0.0548	-0.0426	-0.0667	-0.0415	-0.0540	-0.0488	-0.0733	-0.0426	-0.0408

TABLE 4.2 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
						MATH TEST						
			VIS IN 2-DIM	VIS IN 3-DIM	ABSTRACT REAS	ARITH REASONING	INTRO HS MATH	ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION
			R-281	R-282	R-290	R-311	R-312	R-333	F-410	F-420	F-430	F-440
000	NO ANSWER	1522	-0.0562	-0.0910	-0.1257	-0.1170	-0.1109	-0.0724	-0.1099	-0.0440	-0.0391	-0.0577
001	DON'T KNOW	166	-0.0013	0.0003	-0.0105	-0.0060	0.0094	0.0152	-0.0138	-0.0076	-0.0119	-0.0002
010	HOUSEWIFE	6168	-0.0174	-0.0560	-0.0633	-0.1136	-0.1878	-0.1676	-0.0440	0.0100	-0.0214	0.0041
020	NO SPEC INCOME JOB	4	0.0078	0.0029	0.0039	0.0045	-0.0021	-0.0117	0.0013	-0.0079	0.0041	-0.0003
101	EXECUTIVE (NEC)	2	0.0102	0.0106	0.0038	-0.0001	-0.0090	-0.0022	-0.0059	-0.0075	-0.0015	-0.0014
102	FOREMAN (NEC)	2	-0.0075	-0.0084	-0.0046	-0.0101	-0.0125	-0.0119	-0.0185	-0.0052	-0.0081	-0.0086
111	WORK FOR GOVT (NEC)	31	-0.0001	-0.0020	0.0053	-0.0068	-0.0036	0.0086	-0.0026	-0.0081	-0.0040	-0.0082
112	IN BUS FOR SELF (NEC)	33	0.0006	-0.0012	-0.0111	-0.0103	-0.0157	-0.0072	-0.0089	-0.0021	0.0098	-0.0083
120	IND, BUS, COMM (NEC)	26	-0.0091	-0.0019	-0.0171	-0.0110	-0.0165	-0.0127	-0.0096	0.0407	-0.0023	0.0000
121	RETAIL (NEC)	2	0.0060	0.0049	0.0144	0.0115	0.0061	0.0099	0.0094	-0.0037	-0.0084	0.0018
122	TRANSPORTATION (NEC)	6	0.0051	-0.0124	-0.0067	-0.0155	-0.0150	-0.0094	-0.0149	0.0051	0.0039	0.0022
123	REAL ESTATE (NEC)	5	-0.0072	0.0077	0.0081	-0.0033	-0.0022	-0.0142	-0.0036	0.0039	0.0133	-0.0025
124	INSURANCE (NEC)	7	-0.0006	-0.0071	-0.0046	-0.0073	-0.0178	-0.0093	0.0010	-0.0081	-0.0113	0.0001
125	ELECTRONICS (NEC)	2	0.0029	-0.0084	-0.0088	-0.0084	-0.0032	-0.0071	-0.0015	0.0001	-0.0053	-0.0006
140	"WORK WITH PEOPLE" (NEC)	2	-0.0043	-0.0065	-0.0004	0.0098	-0.0102	-0.0071	0.0036	-0.0022	-0.0031	-0.0046
141	"WORK W CHILDREN" (NEC)	7	-0.0129	-0.0071	-0.0046	-0.0073	-0.0110	-0.0119	-0.0026	0.0013	-0.0086	0.0035
211	MATH, STAT	20	0.0198	0.0293	0.0314	0.0420	0.0578	0.0468	0.0354	0.0031	0.0023	0.0066
221	SYSTEMS ANALYST	14	0.0211	0.0266	0.0237	0.0272	0.0494	0.0548	0.0226	-0.0022	0.0026	-0.0043
222	COMPUTER PROGRAMMER	53	0.0336	0.0341	0.0335	0.0509	0.0631	0.0671	0.0226	0.0049	0.0207	0.0083
229	COMPUTER SPEC (NEC)	4	-0.0054	0.0110	0.0025	0.0080	0.0151	0.0192	0.0046	0.0311	-0.0008	0.0014
230	PHYSICAL SCI (NEC)	3	0.0002	0.0013	0.0073	0.0012	0.0084	-0.0067	0.0012	0.0036	-0.0056	0.0122
231	CHEMIST	15	0.0069	0.0225	0.0232	0.0347	0.0489	0.0392	0.0200	-0.0009	-0.0002	0.0059
299	PHYS SCI, LAB TECH	29	-0.0031	0.0011	-0.0028	-0.0127	0.0066	0.0159	-0.0024	-0.0014	-0.0009	-0.0057
310	BIOLOGIST, ZOOLOGIST	20	0.0178	0.0233	0.0188	0.0252	0.0320	0.0269	0.0151	-0.0095	0.0032	0.0167
315	PHARMACOLOGIST	4	0.0027	0.0137	0.0173	0.0197	0.0201	0.0278	0.0058	0.0018	0.0018	0.0154
316	MICROBIOLOGIST	13	0.0140	0.0155	0.0119	0.0204	0.0264	0.0154	0.0174	0.0032	0.0131	0.0150
317	BIOCHEMIST	8	0.0105	0.0107	0.0108	0.0221	0.0348	0.0357	0.0148	0.0022	0.0073	0.0008
319	OTHER CHEM SCI	3	-0.0032	-0.0080	-0.0116	-0.0096	-0.0040	0.0052	-0.0004	-0.0033	-0.0115	-0.0027
329	MD-OTHER	8	-0.0014	0.0126	0.0213	0.0155	0.0348	0.0296	0.0123	-0.0024	0.0007	-0.0036
333	VETERINARIAN	2	0.0164	0.0182	0.0080	0.0164	0.0072	0.0075	0.0084	0.0070	0.0085	0.0161
335	PHARMACIST	14	0.0073	0.0036	0.0078	0.0203	0.0389	0.0282	0.0171	-0.0028	-0.0015	0.0074
337	RN	591	0.0365	0.0464	0.0635	0.0761	0.1045	0.0725	0.0467	0.0141	0.0246	0.0139
341	DENTAL HYGIENIST	32	0.0262	0.0191	0.0196	0.0140	0.0275	0.0216	0.0148	0.0086	0.0062	-0.0010
343	PHYSICAL THERAPIST	16	0.0149	0.0206	0.0168	0.0213	0.0237	0.0299	0.0167	0.0050	0.0150	0.0129
344	OCCUPATIONAL THERAP	13	0.0152	0.0229	0.0152	0.0159	0.0332	0.0163	0.0194	-0.0004	0.0122	0.0066
346	SPEC THERAP (MISC)	15	0.0091	0.0134	0.0101	0.0099	0.0145	0.0206	0.0077	-0.0087	0.0135	0.0140
347	MED/DENT TECHNOLOGIST	93	0.0235	0.0254	0.0317	0.0456	0.0621	0.0403	0.0372	0.0064	0.0088	0.0067
348	MED/DENT TECHNICIAN	138	-0.0131	-0.0139	0.0023	-0.0275	-0.0188	-0.0116	-0.0101	0.0119	-0.0068	0.0113
360	PSYCHOLOGIST	47	0.0150	0.0206	0.0371	0.0531	0.0573	0.0671	0.0284	0.0052	0.0181	0.0025
369	PSYCH RES ASST	3	0.0104	0.0153	0.0210	-0.0029	0.0141	0.0132	0.0065	0.0036	0.0082	0.0103
370	SOCIAL WORKER	177	0.0081	0.0142	0.0117	0.0439	0.0535	0.0402	0.0102	0.0085	0.0245	0.0033
371	PSYCHIATRIC SOC WRKER	12	0.0063	0.0081	0.0043	0.0098	0.0220	0.0244	0.0020	0.0013	0.0019	0.0141
372	COUNSELING/GUIDANCE	12	0.0012	-0.0121	-0.0017	0.0044	0.0163	0.0115	0.0151	0.0004	-0.0056	0.0118
373	VOC/ED GUIDANCE	40	0.0061	0.0143	0.0163	0.0365	0.0537	0.0309	0.0293	-0.0036	0.0126	0.0044
382	ECONOMIST	2	0.0040	0.0030	0.0101	0.0081	0.0095	0.0099	0.0141	-0.0029	-0.0128	0.0050
383	SOCIOLOGIST	2	-0.0043	0.0068	0.0017	-0.0018	-0.0021	0.0027	-0.0096	-0.0037	-0.0006	0.0097
384	ANTHROPOLOGIST	4	-0.0098	-0.0025	-0.0109	0.0174	0.0193	0.0261	0.0118	-0.0058	-0.0088	-0.0042
389	SOCIAL SCI (MISC)	6	0.0063	0.0096	0.0188	0.0179	0.0172	0.0228	0.0080	0.0153	0.0062	0.0187
391	POLITICIAN	5	0.0007	-0.0007	0.0028	0.0061	-0.0088	0.0057	-0.0069	-0.0097	-0.0081	0.0016
392	DIPLOMAT	3	-0.0015	0.0060	0.0090	0.0161	0.0103	0.0033	0.0098	-0.0076	0.0026	-0.0007
393	LAWYER	11	0.0188	0.0293	0.0265	0.0308	0.0375	0.0425	0.0103	-0.0037	0.0087	0.0067
394	MARKET ANALYST	3	0.0078	0.0107	0.0073	0.0188	0.0216	0.0171	0.0087	0.0218	0.0088	0.0096
398	CITY PLANNER (NEC)	3	0.0002	0.0060	0.0159	0.0228	0.0235	0.0290	0.0073	-0.0026	0.0054	0.0051
400	TEACHER (NEC)	1326	0.0273	0.0510	0.0840	0.1255	0.1678	0.1402	0.0847	0.0080	0.0369	0.0053
410	TCHNG YNG CHILDREN	10	0.0065	0.0212	0.0227	0.0130	0.0089	0.0081	0.0036	0.0120	0.0060	0.0097
411	TCHNG PRESCH CHILDREN	30	-0.0104	-0.0046	0.0111	0.0008	0.0061	0.0109	0.0020	0.0008	-0.0034	0.0013
412	TEACHER-ELEM	616	0.0059	0.0273	0.0538	0.0707	0.0893	0.0717	0.0486	0.0158	0.0158	0.0022
420	TEACHER-HS (NEC)	81	0.0183	0.0372	0.0339	0.0411	0.0497	0.0365	0.0281	-0.0029	0.0014	0.0206
421	TEACHER-HS MATH	36	0.0224	0.0257	0.0262	0.0494	0.0775	0.0726	0.0259	0.0053	-0.0022	0.0091
422	TEACHER-HS SCIENCE	30	0.0151	0.0293	0.0220	0.0376	0.0514	0.0455	0.0184	0.0039	0.0071	0.0114
423	TEACHER-HS SOC STUD	54	0.0170	-0.0028	0.0111	0.0258	0.0369	0.0269	0.0192	0.0132	0.0272	0.0074
424	TEACHER-ENGLISH	132	0.0109	0.0246	0.0438	0.0474	0.0614	0.0376	0.0316	-0.0083	0.0219	0.0138
425	TEACHER-FOREIGN LANG	46	0.0181	0.0179	0.0316	0.0426	0.0594	0.0488	0.0164	0.0029	0.0069	0.0041
426	TEACHER-COMM ED	57	0.0000	-0.0027	0.0050	0.0086	-0.0064	-0.0113	0.0088	0.0089	-0.0006	0.0021
427	TEACHER-HS HOME EC	68	0.0105	0.0109	0.0261	0.0166	0.0274	0.0205	0.0200	-0.0064	0.0043	0.0111
428	TEACHER-TRADES	4	0.0129	0.0083	0.0099	0.0092	0.0053	0.0072	0.0020	0.0007	0.0089	-0.0009
429	TEACHER-PHYS ED	59	0.0134	0.0144	0.0184	0.0029	0.0255	0.0274	0.0058	0.0043	0.0158	0.0005
431	TEACHER-ART	50	0.0134	0.0318	0.0251	0.0189	0.0306	0.0264	0.0123	-0.0066	-0.0102	0.0186
432	TEACHER-MUSIC	65	0.0035	0.0176	0.0214	0.0120	0.0277	0.0152	0.0071	-0.0053	-0.0003	-0.0040
440	TEACHER-HANDICAPPED	70	0.0112	-0.0035	0.0189	0.0197	0.0267	0.0227	0.0018	0.0137	0.0216	0.0274
441	SPEECH THERAPIST	39	0.0044	-0.0021	0.0148	0.0099	0.0186	0.0217	0.0078	0.0080	0.0057	0.0051
450	SCHOOL ADM (EXC COLL)	5	0.0125	-0.0067	0.0067	-0.0044	0.0066	0.0057	0.0009	0.0053	0.0090	0.0006
460	COLL/UNIV TCHR (NEC)	107	0.0320	0.0506	0.0505	0.0599	0.0748	0.0801	0.0214	-0.0040	0.0146	0.0189
461	COLL/UNIV TCHR-MATH	10	0.0098	0.0212	0.0255	0.0286	0.0447	0.0472	0.0138	0.0075	0.0115	0.0026
462	COLL/UNIV TCHR-SCIENCE	17	0.0139	0.0450	0.0303	0.0456	0.0559	0.0686	0.0215	0.0024	0.0116	0.0132
463	COLL/UNIV TCHR-SOC SCI	16	0.0064	0.0152	0.0190	0.0236	0.0307	0.0247	0.0253	-0.0058	0.0068	-0.0065
464	COLL/UNIV TCHR-ENGLISH	32	0.0130	0.0325	0.0264	0.0525	0.0510	0.0532	0.0248	0.0063	0.0036	0.0189
465	COLL/UNIV TCHR-FOR LANG	19	0.0157	0.0015	0.0252	0.0270	0.0368	0.0358	0.0233	0.0105	0.0105	0.0036
470	COLL/UNIV TCHR-ADM	4	-0.0003	0.0069	0.0099	0.0139	0.0053	0.0158	-0.0011	0.0235	0.0007	0.0109
499	AUX JOBS IN EDUC	3	-0.0091	-0.0018	0.0004	-0.0096	-0.0068	-0.0146	0.0004	0.0024	0.0016	-0.0007
511	LIBRARIAN	77	-0.0033	0.0132	0.0207	0.0369	0.0428	0.0381	0.0055	0.0016	0.0070	-0.0068
521	CLERGYMAN	7	-0.0006	-0.0061	-0.0001	0.0015	0.0039	-0.0015	0.0135	0.0009	-0.0031	0.0048
522	MONK, BROTHER, NUN	29	-0.0036	0.0117	0.0077	0.0112	0.0329	0.0216	0.0089	-0.0050	-0.0016	0.0060

TABLE 4.2 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
						MATH TEST						
			VIS IN 2-DIM	VIS IN 3-DIM	ABSTRACT REAS	ARITH REASONING	INTRO HS MATH	ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION
			R-281	R-282	R-290	R-311	R-312	R-333	F-410	F-420	F-430	F-440
523	RELIG WORKER (OTHER)	35	0.0192	0.0114	0.0043	-0.0009	0.0062	0.0088	0.0051	-0.0028	-0.0020	-0.0025
531	WRITER (NEC)	28	0.0037	0.0076	-0.0030	0.0119	0.0159	0.0073	0.0035	-0.0074	0.0147	0.0060
532	FICTION WRITER	5	-0.0118	-0.0019	0.0014	0.0134	0.0081	0.0073	0.0067	-0.0141	-0.0045	-0.0035
533	NONFIC WRTR (EXC JRNLIST)	5	0.0145	0.0222	0.0174	0.0145	0.0213	0.0134	-0.0116	-0.0020	0.0011	0.0031
534	JOURNALIST/REPORTER	23	0.0041	0.0127	0.0109	0.0210	0.0305	0.0061	0.0106	-0.0118	0.0052	-0.0030
536	PUBLISHER, ETC.	4	0.0005	-0.0012	-0.0035	0.0022	0.0086	0.0072	0.0027	0.0045	0.0060	0.0014
537	EDITOR	10	0.0042	0.0144	0.0236	0.0138	0.0229	0.0320	0.0155	0.0041	0.0190	0.0107
539	TRANSLAT, INTERPR, LINGST	13	0.0184	0.0147	0.0176	0.0224	0.0232	0.0115	0.0007	0.0005	-0.0055	-0.0012
541	FINE ARTS	42	0.0136	0.0445	0.0273	0.0200	0.0222	0.0223	-0.0072	-0.0007	0.0082	0.0234
545	COMM ARTIST	35	0.0232	0.0269	0.0168	-0.0033	-0.0146	0.0030	-0.0167	-0.0158	-0.0071	0.0066
547	DESIGNER (CONS GDS)	3	0.0239	0.0231	0.0210	0.0134	0.0283	0.0191	0.0151	0.0061	0.0082	0.0194
551	MUSICIAN	7	0.0082	0.0081	0.0010	0.0210	0.0275	0.0219	0.0134	-0.0089	0.0113	-0.0050
552	SINGER	13	-0.0093	-0.0084	-0.0154	-0.0088	-0.0037	-0.0018	-0.0187	-0.0115	-0.0157	-0.0174
559	MUSIC-RELATED (MISC)	2	0.0019	-0.0008	0.0017	0.0015	-0.0009	-0.0071	-0.0066	-0.0037	0.0038	-0.0006
560	DANCER, CHOREOG	12	-0.0022	-0.0028	0.0017	-0.0105	-0.0103	-0.0074	-0.0222	-0.0087	-0.0115	-0.0018
571	ACTOR	8	-0.0045	-0.0064	-0.0007	-0.0069	-0.0007	0.0041	-0.0164	0.0018	0.0024	0.0095
572	THEATRICAL DIRECTING	2	0.0029	0.0011	0.0017	-0.0134	-0.0079	-0.0046	-0.0113	-0.0029	-0.0028	0.0018
575	THEATRE (OTHER)	11	0.0113	0.0074	0.0014	-0.0017	0.0112	0.0135	-0.0041	-0.0073	-0.0107	0.0040
579	MISC PERF ARTS	3	0.0053	0.0060	0.0073	0.0039	-0.0002	-0.0007	0.0009	0.0205	0.0006	0.0051
581	MODEL	8	0.0084	0.0022	0.0014	-0.0094	-0.0169	-0.0080	-0.0132	0.0072	0.0042	0.0044
611	PRO ATHLETE	2	0.0195	0.0087	0.0038	-0.0001	0.0026	-0.0022	0.0012	0.0055	0.0129	0.0161
621	RECREATION DIR	8	-0.0097	-0.0054	-0.0028	0.0014	0.0069	-0.0068	-0.0054	0.0026	0.0026	-0.0104
631	FARM/RANCH OWNER	3	0.0112	0.0013	0.0073	-0.0056	-0.0011	0.0092	-0.0040	-0.0026	0.0072	-0.0079
639	FARMING (OTHER)	4	0.0100	0.0110	-0.0079	-0.0025	-0.0054	-0.0031	0.0008	0.0024	-0.0006	0.0025
661	POLICE (PUBLIC)	5	0.0079	-0.0043	0.0067	-0.0054	-0.0088	-0.0004	-0.0056	-0.0039	-0.0083	0.0086
711A	BANKING & FINANCE, I	13	-0.0007	-0.0069	-0.0030	-0.0081	-0.0155	-0.0228	0.0007	0.0071	0.0086	0.0097
711B	BANKING & FINANCE, II	3	0.0070	0.0076	0.0056	0.0066	0.0055	0.0171	0.0037	-0.0020	0.0139	0.0168
716	CPA	8	0.0038	0.0041	-0.0018	0.0039	0.0150	0.0077	0.0002	0.0091	0.0096	-0.0008
717	ACCTANT (EXC CPA)	87	0.0248	0.0249	0.0217	0.0185	0.0147	0.0043	0.0218	0.0099	0.0027	0.0117
721	PURCHASING AGENT	3	-0.0066	0.0044	0.0038	0.0120	0.0131	0.0013	0.0098	0.0074	0.0123	0.0025
722	RETAIL BUYER	27	-0.0011	0.0024	0.0024	-0.0023	0.0081	0.0131	0.0011	0.0090	0.0067	-0.0044
724	ADVERTISING	23	0.0209	0.0161	0.0214	0.0186	0.0206	0.0155	0.0200	0.0029	0.0178	0.0198
725	PUBLIC RELATIONS	17	-0.0032	0.0064	0.0036	-0.0038	0.0001	-0.0056	0.0008	-0.0031	0.0021	0.0012
726	PERSONNEL ADMIN	21	0.0127	0.0259	0.0199	0.0231	0.0200	0.0229	0.0031	-0.0034	-0.0008	0.0025
727	APPRAISING/ESTIMATING	16	0.0068	0.0038	0.0153	0.0026	0.0073	0.0006	-0.0037	0.0042	-0.0079	0.0084
728	LOAN/CREDIT INVESTIG	2	-0.0054	-0.0046	-0.0172	-0.0051	-0.0148	-0.0046	-0.0005	-0.0052	-0.0031	-0.0149
730	BUS, MGMT, ADM (NEC)	26	0.0005	0.0166	0.0063	0.0078	0.0054	0.0082	-0.0026	-0.0086	-0.0012	-0.0095
732	WHSL/RET TRADE MGMT/MKTG	17	0.0092	0.0091	0.0188	0.0155	0.0045	0.0077	0.0090	0.0092	0.0080	0.0162
738	SUPERVISOR IN BUS	6	-0.0099	-0.0135	-0.0152	-0.0107	-0.0103	-0.0094	-0.0094	0.0149	-0.0003	0.0081
741	SALESCLERK	36	-0.0187	-0.0223	-0.0407	-0.0326	-0.0340	-0.0202	-0.0069	-0.0195	-0.0230	-0.0286
743	STOCKBROKER	2	0.0019	0.0163	0.0101	0.0015	-0.0009	-0.0095	0.0019	-0.0198	-0.0059	0.0089
745	REAL EST SLSMAN	5	-0.0026	-0.0055	0.0001	0.0050	-0.0044	-0.0019	0.0026	0.0010	-0.0053	0.0061
746	INSURANCE SLSMAN	6	-0.0063	-0.0069	-0.0031	-0.0021	-0.0103	-0.0094	-0.0187	-0.0015	-0.0046	0.0045
748	OTHER SLSMAN (NEC)	15	0.0038	-0.0033	-0.0175	-0.0046	-0.0088	-0.0087	-0.0011	0.0070	0.0136	0.0094
751	BOOKKEEPER	100	-0.0098	-0.0104	-0.0154	0.0002	-0.0246	-0.0184	0.0016	0.0039	-0.0028	-0.0015
752	TELLER OR BANK CLERK	32	-0.0169	-0.0128	-0.0104	-0.0138	-0.0135	-0.0137	-0.0160	-0.0144	-0.0211	-0.0044
753	CASHIER	6	-0.0165	-0.0135	-0.0152	0.0036	-0.0049	-0.0066	0.0119	-0.0002	0.0160	0.0058
755	MISC ACCT RECDG	46	-0.0025	-0.0182	-0.0162	-0.0203	-0.0235	-0.0258	-0.0052	0.0081	0.0111	0.0134
756	KEYPUNCH OP	69	0.0023	-0.0089	-0.0134	-0.0220	-0.0234	-0.0233	-0.0034	-0.0124	-0.0081	-0.0056
757	KEYPUNCH INSTRUC	3	-0.0134	-0.0127	-0.0185	-0.0015	-0.0163	-0.0007	-0.0027	-0.0095	-0.0097	-0.0053
758	COMPUTER OP	57	-0.0025	-0.0085	-0.0195	-0.0122	-0.0188	-0.0236	-0.0064	0.0039	0.0015	-0.0004
761	SECRETARY (NEC)	851	-0.0332	-0.0245	-0.0153	-0.0368	-0.0708	-0.0714	-0.0057	0.0084	-0.0107	-0.0096
762	SECRETARY-BOOKKEEPER	26	0.0036	0.0013	-0.0019	0.0018	0.0003	-0.0100	0.0156	0.0099	0.0093	0.0031
763	MED/DENT SECRETARY	39	0.0009	-0.0224	-0.0066	0.0005	-0.0066	-0.0114	-0.0030	-0.0073	-0.0003	-0.0066
764	LEGAL SECRETARY	45	-0.0043	-0.0109	-0.0002	-0.0143	-0.0104	-0.0012	0.0020	0.0123	0.0119	0.0082
765	STENO, CRT REPRTR	48	-0.0060	-0.0052	0.0042	-0.0094	-0.0106	-0.0173	0.0067	0.0085	0.0093	0.0081
766	TYPIST, CLRK TYPIST	68	-0.0101	-0.0126	-0.0307	-0.0298	-0.0245	-0.0229	-0.0220	-0.0077	-0.0290	-0.0239
769	CLERK (MISC)	99	-0.0226	-0.0173	-0.0222	-0.0285	-0.0357	-0.0273	-0.0125	-0.0168	0.0038	-0.0183
771	OFFICE SUPERVISOR	18	-0.0044	-0.0050	-0.0004	-0.0009	-0.0097	0.0031	0.0045	-0.0111	-0.0126	-0.0026
772	OFFICE MANAGER	14	0.0058	-0.0065	-0.0137	-0.0060	-0.0059	-0.0003	-0.0084	0.0169	0.0057	-0.0034
781	PHONE, PBX OP	21	-0.0152	-0.0176	-0.0294	-0.0331	-0.0295	-0.0101	-0.0179	-0.0089	-0.0185	-0.0179
789	OTHER "PUB CONT" OCCS	38	-0.0087	-0.0053	-0.0108	-0.0036	-0.0090	-0.0208	-0.0111	0.0077	-0.0017	0.0118
791	RADIO, TELEGR, TELETYPE OP	6	-0.0033	0.0085	-0.0018	-0.0012	-0.0083	-0.0094	0.0060	0.0007	-0.0043	-0.0001
797	MISC CLERICAL	25	-0.0111	-0.0118	-0.0254	-0.0080	-0.0141	-0.0188	-0.0250	0.0015	-0.0026	-0.0195
798	MISC ADMINISTRATIVE	14	-0.0072	-0.0079	0.0062	0.0140	0.0239	0.0254	0.0154	-0.0092	-0.0020	0.0005
810	ELECTRICIAN	2	-0.0064	-0.0046	-0.0172	-0.0101	0.0014	-0.0095	0.0005	-0.0014	-0.0021	0.0026
811	ELECTRONIC TECH	2	0.0071	-0.0065	-0.0109	-0.0117	-0.0114	-0.0046	-0.0178	-0.0083	-0.0009	0.0058
853	AUTO, BUS, TRUCK DRIVER	2	0.0133	-0.0046	-0.0004	-0.0068	-0.0032	-0.0022	0.0005	-0.0045	-0.0100	-0.0014
861	PRINTING TRADES	5	0.0033	0.0126	0.0094	0.0050	0.0030	0.0073	-0.0247	0.0014	0.0036	-0.0010
864	DRAFTSMAN	4	-0.0150	0.0015	-0.0094	-0.0096	-0.0070	-0.0048	-0.0095	-0.0079	-0.0048	-0.0098
865	PHOTOGRAPHY	11	0.0139	0.0090	0.0121	0.0060	0.0004	-0.0031	0.0042	-0.0001	0.0113	0.0033
866	INTERIOR DECORATOR	31	0.0136	0.0164	0.0053	0.0075	-0.0080	0.0037	-0.0019	0.0050	0.0017	0.0091
868	CLTHNG & FASHN TRADES	41	-0.0189	-0.0001	-0.0256	-0.0171	-0.0167	-0.0154	-0.0379	-0.0189	-0.0176	-0.0142
871	DIETITIAN	17	0.0107	0.0169	0.0029	0.0212	0.0217	0.0136	0.0087	0.0011	0.0007	0.0119
872	HOME ECONOMIST	35	0.0105	0.0232	0.0103	0.0165	0.0123	0.0094	0.0092	0.0154	0.0077	0.0058
873	AIRLINE STEWARD, STEWARDESS	23	0.0032	0.0211	0.0195	0.0005	0.0027	0.0069	0.0049	-0.0048	0.0140	0.0099
881	FOOD & BEVERAGE PREP	8	-0.0139	-0.0159	-0.0291	-0.0392	-0.0250	-0.0190	-0.0191	-0.0097	-0.0173	-0.0179
891	MISC PERSONAL SERV	23	-0.0146	-0.0233	-0.0232	-0.0293	-0.0281	-0.0283	-0.0170	-0.0216	-0.0198	-0.0208
893	HAIRDRESSER	201	-0.0234	-0.0261	-0.0358	-0.0593	-0.0637	-0.0498	-0.0535	-0.0050	-0.0400	-0.0070
894	PRACTICAL NURSE	168	-0.0271	-0.0150	-0.0409	-0.0419	-0.0429	-0.0373	-0.0257	-0.0166	-0.0331	-0.0241
895	NURSES' AIDE	17	-0.0161	-0.0197	-0.0339	-0.0305	-0.0293	-0.0189	-0.0272	-0.0221	-0.0084	-0.0266
899	GENERAL LABORER	62	-0.0259	-0.0337	-0.0610	-0.0490	-0.0506	-0.0306	-0.0269	-0.0112	-0.0066	-0.0104

TABLE 4.2 (continued)

			POINT BISERIAL CORRELATIONS									
								INTEREST INVENTORY				
#	GROUP	N	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH	BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE
			A-410	A-420	A-430	A-440	A-500	P-701	P-702	P-703	P-704	P-705
000	NO ANSWER	1522	-0.0879	-0.0245	0.0021	-0.0234	-0.0042	-0.0266	-0.0234	-0.0152	-0.0240	-0.0322
001	DON'T KNOW	166	-0.0244	-0.0118	-0.0152	-0.0051	-0.0244	0.0151	0.0043	0.0012	0.0043	-0.0387
010	HOUSEWIFE	6168	-0.0742	-0.0126	-0.0345	0.0024	0.0045	-0.1714	-0.1753	-0.1318	-0.1664	-0.1012
020	NO SPEC INCOME JOB	4	-0.0093	-0.0039	-0.0014	-0.0028	-0.0066	0.0027	-0.0087	-0.0041	-0.0100	-0.0183
101	EXECUTIVE (NEC)	2	-0.0029	-0.0070	0.0007	0.0097	-0.0012	0.0104	-0.0008	0.0009	0.0104	-0.0063
102	FOREMAN (NEC)	2	-0.0060	-0.0016	-0.0047	-0.0084	0.0106	-0.0037	-0.0072	-0.0087	-0.0105	-0.0110
111	WORK FOR. GOVT (NEC)	31	-0.0120	-0.0100	0.0065	-0.0080	-0.0005	0.0153	0.0058	0.0270	0.0141	-0.0049
112	IN BUS FOR SELF (NEC)	33	-0.0110	-0.0069	-0.0007	-0.0049	0.0077	-0.0037	-0.0011	0.0060	0.0061	0.0077
120	IND, BUS, COMM (NEC)	26	0.0020	0.0357	0.0067	0.0103	0.0067	0.0002	-0.0120	0.0122	0.0015	-0.0065
121	RETAIL (NEC)	2	0.0126	0.0014	0.0015	-0.0007	-0.0018	0.0125	0.0066	0.0085	0.0079	-0.0025
122	TRANSPORTATION (NEC)	6	0.0022	0.0034	0.0060	-0.0031	0.0134	-0.0113	-0.0070	-0.0037	-0.0032	-0.0007
123	REAL ESTATE (NEC)	5	-0.0098	-0.0006	0.0115	-0.0040	0.0120	-0.0023	-0.0015	-0.0053	-0.0076	-0.0147
124	INSURANCE (NEC)	7	-0.0072	-0.0059	-0.0117	0.0013	-0.0011	0.0018	-0.0059	0.0080	-0.0049	-0.0042
125	ELECTRONICS (NEC)	2	-0.0047	-0.0024	-0.0093	-0.0015	0.0018	0.0048	0.0108	-0.0011	0.0073	0.0061
140	"WORK WITH PEOPLE" (NEC)	2	-0.0029	-0.0031	-0.0097	-0.0024	-0.0018	-0.0058	-0.0083	-0.0123	-0.0029	-0.0118
141	"WORK W CHILDREN" (NEC)	7	-0.0032	-0.0022	-0.0091	0.0004	-0.0030	0.0112	0.0199	0.0053	0.0069	0.0199
211	MATH, STAT	20	0.0418	0.0130	-0.0047	0.0012	-0.0042	0.0665	0.0229	0.0130	0.0113	-0.0021
221	SYSTEMS ANALYST	14	0.0210	0.0096	-0.0039	-0.0057	-0.0112	0.0419	0.0068	0.0174	0.0079	-0.0112
222	COMPUTER PROGRAMMER	53	0.0155	0.0033	0.0058	0.0059	-0.0099	0.0623	0.0145	0.0096	0.0006	-0.0124
229	COMPUTER SPEC (NEC)	4	0.0021	0.0361	0.0027	0.0027	-0.0058	0.0147	0.0026	-0.0066	-0.0028	-0.0046
230	PHYSICAL SCI (NEC)	3	0.0038	0.0049	-0.0014	0.0094	0.0042	0.0144	0.0165	-0.0034	0.0076	-0.0132
231	CHEMIST	15	0.0174	-0.0013	-0.0044	0.0009	0.0008	0.0436	0.0220	0.0135	0.0160	-0.0076
299	PHYS SCI, LAB TECH	29	-0.0048	0.0017	0.0030	0.0015	-0.0021	0.0289	0.0233	0.0117	0.0172	0.0050
310	BIOLOGIST, ZOOLOGIST	20	0.0142	-0.0020	-0.0077	0.0099	0.0096	0.0409	0.0450	0.0212	0.0051	-0.0090
315	PHARMACOLOGIST	4	0.0060	-0.0028	-0.0043	0.0107	-0.0021	0.0117	0.0150	-0.0080	-0.0059	-0.0046
316	MICROBIOLOGIST	13	0.0198	0.0217	0.0256	0.0127	0.0038	0.0342	0.0384	0.0115	0.0191	-0.0130
317	BIOCHEMIST	8	0.0193	0.0010	-0.0032	-0.0052	-0.0060	0.0232	0.0198	0.0188	0.0094	-0.0104
319	OTHER CHEM SCI	3	-0.0033	-0.0045	-0.0010	0.0059	-0.0005	0.0254	0.0170	0.0098	0.0117	0.0065
329	MD-OTHER	8	0.0135	-0.0090	-0.0045	-0.0039	-0.0011	0.0352	0.0376	0.0112	0.0170	0.0138
333	VETERINARIAN	2	0.0058	0.0030	0.0073	0.0183	-0.0023	0.0153	0.0172	0.0050	0.0053	0.0030
335	PHARMACIST	14	0.0212	0.0032	0.0001	0.0188	0.0054	0.0427	0.0389	0.0157	0.0091	0.0103
337	RN	591	0.0597	0.0041	0.0010	0.0025	-0.0066	0.0812	0.2076	0.0083	0.0039	0.0589
341	DENTAL HYGIENIST	32	0.0128	0.0039	0.0057	-0.0041	-0.0060	0.0305	0.0271	0.0031	0.0092	0.0205
343	PHYSICAL THERAPIST	16	0.0133	0.0092	0.0110	0.0128	-0.0029	0.0018	0.0232	0.0064	0.0082	0.0038
344	OCCUPATIONAL THERAP	13	0.0176	0.0073	0.0028	0.0009	0.0036	0.0096	0.0186	0.0012	0.0106	0.0111
346	SPEC THERAP (MISC)	15	0.0103	0.0009	0.0065	0.0191	0.0057	0.0228	0.0188	0.0127	0.0302	0.0146
347	MED/DENT TECHNOLOGIST	93	0.0389	0.0072	-0.0002	0.0017	-0.0002	0.0688	0.0718	0.0136	0.0016	0.0066
348	MED/DENT TECHNICIAN	138	-0.0137	0.0023	0.0008	0.0115	0.0077	0.0188	0.0556	-0.0004	-0.0153	-0.0009
360	PSYCHOLOGIST	47	0.0272	0.0196	0.0154	-0.0036	-0.0040	0.0484	0.0448	0.0326	0.0304	0.0053
369	PSYCH RES ASST	3	0.0094	0.0061	0.0034	0.0143	0.0069	0.0156	0.0148	0.0160	0.0128	0.0046
370	SOCIAL WORKER	177	0.0171	0.0091	0.0216	-0.0028	0.0090	0.0352	0.0327	0.0445	0.0567	0.0351
371	PSYCHIATRIC SOC WRKER	12	-0.0042	0.0020	-0.0038	0.0104	-0.0127	0.0105	0.0151	-0.0056	0.0115	-0.0051
372	COUNSELING/GUIDANCE	12	0.0205	-0.0046	0.0086	0.0121	0.0037	0.0165	0.0129	0.0155	0.0053	-0.0025
373	VOC/ED GUIDANCE	40	0.0333	-0.0016	0.0057	0.0028	-0.0050	0.0319	0.0260	0.0175	0.0305	0.0204
382	ECONOMIST	2	0.0213	-0.0008	0.0023	0.0062	-0.0051	0.0139	0.0071	0.0217	0.0161	-0.0063
383	SOCIOLOGIST	2	-0.0171	-0.0031	0.0003	0.0149	-0.0040	0.0083	0.0077	-0.0036	0.0073	0.0014
384	ANTHROPOLOGIST	4	0.0082	-0.0007	-0.0137	-0.0082	0.0021	0.0251	0.0183	0.0157	0.0121	-0.0084
389	SOCIAL SCI (MISC)	6	0.0083	0.0109	0.0062	0.0178	0.0034	0.0192	0.0099	0.0145	0.0166	0.0047
391	POLITICIAN	5	-0.0079	-0.0054	-0.0064	-0.0029	0.0223	-0.0067	-0.0099	0.0034	0.0073	-0.0118
392	DIPLOMAT	3	0.0033	-0.0026	0.0027	-0.0033	-0.0050	0.0024	-0.0073	0.0223	0.0128	0.0160
393	LAWYER	11	0.0172	0.0011	-0.0006	0.0031	0.0018	0.0274	0.0061	0.0333	0.0329	0.0045
394	MARKET ANALYST	3	0.0195	0.0217	0.0068	0.0066	-0.0039	0.0012	0.0165	0.0102	-0.0069	-0.0068
398	CITY PLANNER (NEC)	3	0.0068	-0.0013	-0.0004	0.0045	0.0042	-0.0005	-0.0017	0.0152	0.0206	0.0014
400	TEACHER (NEC)	1326	0.0922	0.0195	0.0116	-0.0053	-0.0046	0.0694	0.0714	0.0861	0.1205	0.1186
410	TCHNG YNG CHILDREN	10	0.0011	0.0077	0.0013	0.0055	-0.0106	0.0125	0.0095	0.0073	0.0171	0.0143
411	TCHNG PRESCH CHILDREN	30	-0.0022	-0.0019	-0.0057	-0.0001	-0.0010	0.0053	0.0141	0.0145	0.0229	0.0174
412	TEACHER-ELEM	616	0.0393	0.0092	0.0030	-0.0050	-0.0105	0.0323	0.0288	0.0269	0.0524	0.1025
420	TEACHER-HS (NEC)	81	0.0296	-0.0000	0.0017	0.0143	0.0007	0.0245	0.0174	0.0264	0.0374	0.0188
421	TEACHER-HS MATH	36	0.0341	0.0126	0.0089	0.0041	0.0025	0.0611	0.0137	0.0099	0.0077	0.0090
422	TEACHER-HS SCIENCE	30	0.0310	0.0064	0.0009	0.0073	-0.0100	0.0501	0.0413	-0.0083	0.0091	0.0062
423	TEACHER-HS SOC STUD	54	0.0179	0.0068	0.0213	0.0032	0.0087	0.0193	0.0170	0.0397	0.0434	0.0196
424	TEACHER-ENGLISH	132	0.0354	-0.0012	0.0084	0.0120	0.0038	0.0201	0.0258	0.0315	0.0778	0.0265
425	TEACHER-FOREIGN LANG	46	0.0259	-0.0031	-0.0060	-0.0037	-0.0185	0.0179	-0.0011	0.0104	0.0356	0.0096
426	TEACHER-COMM ED	57	0.0082	0.0070	0.0021	-0.0017	-0.0004	-0.0137	-0.0196	0.0064	0.0009	0.0058
427	TEACHER-HS HOME EC	68	0.0142	0.0054	0.0009	0.0096	-0.0047	0.0084	0.0062	0.0144	0.0223	0.0240
428	TEACHER-TRADES	4	0.0008	0.0026	0.0109	-0.0058	0.0035	0.0132	0.0093	-0.0055	0.0089	0.0125
429	TEACHER-PHYS ED	59	0.0185	0.0031	0.0164	0.0064	0.0048	0.0281	0.0192	0.0115	0.0016	0.0143
431	TEACHER-ART	50	0.0000	-0.0070	-0.0097	0.0097	-0.0139	0.0158	0.0134	0.0234	0.0286	0.0006
432	TEACHER-MUSIC	65	0.0223	0.0076	-0.0023	-0.0044	-0.0053	0.0168	0.0128	0.0090	0.0341	0.0226
440	TEACHER-HANDICAPPED	70	0.0233	0.0158	0.0153	0.0246	0.0055	0.0134	0.0274	0.0192	0.0228	0.0256
441	SPEECH THERAPIST	39	0.0065	-0.0026	-0.0043	0.0025	0.0019	0.0182	0.0279	0.0118	0.0172	0.0084
450	SCHOOL ADM (EXC COLL)	5	-0.0079	0.0008	0.0046	0.0025	-0.0027	0.0106	0.0170	0.0024	0.0181	0.0192
460	COLL/UNIV TCHR (NEC)	107	0.0359	0.0061	0.0097	0.0189	0.0047	0.0675	0.0481	0.0510	0.0724	0.0232
461	COLL/UNIV TCHR-MATH	10	0.0285	0.0108	0.0071	-0.0022	0.0073	0.0383	0.0181	0.0134	0.0222	0.0119
462	COLL/UNIV TCHR-SCIENCE	17	0.0198	0.0005	-0.0007	0.0053	-0.0052	0.0569	0.0419	0.0131	0.0258	0.0065
463	COLL/UNIV TCHR-SOC SCI	15	0.0238	0.0108	0.0084	-0.0052	0.0030	0.0182	0.0123	0.0320	0.0264	0.0142
464	COLL/UNIV TCHR-ENGLISH	32	0.0229	0.0039	-0.0027	0.0101	-0.0005	0.0409	0.0330	0.0347	0.0616	0.0186
465	COLL/UNIV TCHR-FOR LANG	19	0.0242	0.0079	0.0050	0.0006	-0.0033	0.0240	0.0208	0.0109	0.0388	0.0013
470	COLL/UNIV TCHR-ADM	4	0.0126	0.0199	0.0060	0.0082	0.0012	0.0117	0.0060	-0.0012	0.0156	0.0064
499	AUX JOBS IN EDUC	3	-0.0038	-0.0013	0.0013	-0.0047	-0.0106	0.0231	0.0152	0.0094	0.0117	0.0078
511	LIBRARIAN	77	0.0099	-0.0021	0.0021	-0.0095	0.0005	0.0197	0.0043	0.0203	0.0435	0.0062
521	CLERGYMAN	7	0.0117	-0.0010	-0.0097	0.0018	0.0124	0.0142	0.0125	0.0099	0.0178	0.0162
522	MONK, BROTHER, NUN	29	0.0061	-0.0087	-0.0097	-0.0004	-0.0174	0.0279	0.0212	0.0011	0.0052	0.0236

TABLE 4.2 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
								INTEREST INVENTORY				
			ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH	BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE
			A-410	A-420	A-430	A-440	A-500	P-701	P-702	P-703	P-704	P-705
523	RELIG WORKER (OTHER)	35	-0.0008	0.0033	0.0043	-0.0051	0.0029	-0.0006	-0.0076	0.0027	0.0139	0.0201
531	WRITER (NEC)	28	-0.0011	-0.0046	0.0082	-0.0004	-0.0034	0.0054	0.0026	0.0021	0.0357	-0.0250
532	FICTION WRITER	5	0.0027	0.0008	-0.0048	-0.0073	0.0018	-0.0058	-0.0025	0.0111	0.0161	-0.0093
533	NONFIC WRTR (EXC JRNLIST)	5	0.0211	0.0033	0.0099	0.0107	-0.0069	0.0231	0.0099	0.0111	0.0185	0.0040
534	JOURNALIST/REPORTER	23	0.0052	-0.0134	-0.0148	-0.0102	-0.0020	0.0097	0.0063	0.0245	0.0448	-0.0099
536	PUBLISHER, ETC.	4	0.0038	0.0010	-0.0023	0.0003	-0.0045	0.0092	0.0206	0.0099	0.0165	0.0020
537	EDITOR	10	0.0127	0.0142	0.0149	0.0082	-0.0066	0.0160	0.0117	0.0064	0.0228	0.0015
539	TRANSLAT, INTERPR, LINGST	13	-0.0019	-0.0002	0.0015	0.0005	-0.0021	0.0036	0.0051	0.0067	0.0283	0.0053
541	FINE ARTS	42	0.0090	0.0031	0.0055	0.0192	-0.0087	0.0131	0.0153	0.0069	0.0130	-0.0096
545	COMM ARTIST	35	-0.0164	-0.0104	-0.0025	0.0060	0.0035	0.0059	0.0139	-0.0036	0.0169	-0.0313
547	DESIGNER (CONS GDS)	3	0.0250	0.0086	0.0020	0.0186	-0.0001	0.0323	0.0083	0.0032	0.0060	-0.0094
551	MUSICIAN	7	0.0127	-0.0002	0.0058	-0.0070	0.0121	0.0187	0.0009	0.0082	0.0093	-0.0050
552	SINGER	13	0.0006	-0.0116	-0.0094	-0.0076	-0.0038	0.0011	-0.0018	0.0093	0.0216	-0.0011
559	MUSIC-RELATED (MISC)	2	-0.0016	-0.0062	-0.0006	0.0019	-0.0004	0.0012	0.0029	0.0111	0.0168	0.0045
560	DANCER, CHOREOG	12	-0.0151	-0.0074	-0.0067	-0.0013	-0.0150	-0.0070	0.0073	-0.0017	0.0131	-0.0035
571	ACTOR	8	0.0020	-0.0040	0.0066	0.0043	0.0183	-0.0077	-0.0051	0.0079	0.0085	-0.0150
572	THEATRICAL DIRECTING	2	-0.0029	-0.0054	-0.0010	-0.0007	-0.0064	-0.0002	-0.0003	0.0030	0.0136	-0.0009
575	THEATRE (OTHER)	11	0.0005	-0.0018	-0.0008	0.0089	-0.0027	0.0091	0.0199	-0.0011	0.0104	-0.0044
579	MISC PERF ARTS	3	-0.0007	0.0167	0.0027	0.0045	0.0008	-0.0091	-0.0108	-0.0138	-0.0012	-0.0062
581	MODEL	8	-0.0194	0.0075	0.0101	0.0099	0.0044	-0.0081	-0.0072	0.0034	0.0034	0.0009
611	PRO ATHLETE	2	0.0002	0.0091	0.0131	0.0131	0.0084	0.0019	0.0013	-0.0057	-0.0048	-0.0071
621	RECREATION DIR	8	-0.0076	0.0037	-0.0028	-0.0130	0.0019	0.0004	0.0015	0.0034	0.0072	0.0036
631	FARM/RANCH OWNER	3	-0.0058	-0.0026	0.0074	-0.0124	-0.0063	-0.0108	-0.0095	-0.0092	-0.0100	-0.0182
639	FARMING (OTHER)	4	0.0056	0.0074	-0.0005	0.0027	0.0078	0.0122	0.0127	0.0106	0.0053	-0.0035
661	POLICE (PUBLIC)	5	-0.0024	-0.0074	-0.0035	0.0101	-0.0100	-0.0014	-0.0068	-0.0069	-0.0104	-0.0039
711A	BANKING & FINANCE, I	13	-0.0019	0.0058	0.0072	0.0117	0.0143	0.0030	-0.0047	-0.0016	-0.0100	-0.0075
711B	BANKING & FINANCE, II	3	0.0063	0.0005	0.0163	0.0157	-0.0034	-0.0074	-0.0021	0.0148	0.0050	-0.0049
716	CPA	8	-0.0036	0.0056	0.0024	-0.0017	-0.0034	0.0166	-0.0009	0.0128	-0.0017	-0.0006
717	ACCTANT (EXC CPA)	87	0.0129	0.0035	-0.0006	0.0062	-0.0038	0.0063	-0.0214	0.0019	-0.0126	-0.0135
721	PURCHASING AGENT	3	0.0053	0.0024	0.0034	-0.0012	-0.0030	0.0053	-0.0086	-0.0005	0.0071	0.0110
722	RETAIL BUYER	27	-0.0007	0.0091	-0.0003	0.0113	0.0079	-0.0042	-0.0085	-0.0012	-0.0084	-0.0219
724	ADVERTISING	23	0.0201	0.0013	0.0122	0.0256	0.0167	-0.0048	-0.0076	0.0087	0.0253	-0.0166
725	PUBLIC RELATIONS	17	0.0134	-0.0076	0.0009	-0.0012	0.0099	-0.0146	-0.0027	0.0145	0.0156	-0.0098
726	PERSONNEL ADMIN	21	0.0114	-0.0029	0.0005	0.0047	0.0110	0.0224	0.0130	0.0033	0.0166	-0.0075
727	APPRAISING/ESTIMATING	16	-0.0002	0.0030	-0.0034	0.0042	-0.0011	0.0015	0.0072	-0.0055	-0.0058	-0.0075
728	LOAN/CREDIT INVESTIG	2	0.0021	-0.0016	0.0003	-0.0084	-0.0051	-0.0114	-0.0083	-0.0107	-0.0163	-0.0157
730	BUS, MGMT, ADM (NEC)	26	0.0032	0.0120	0.0016	0.0015	-0.0013	0.0082	0.0013	0.0154	0.0092	-0.0063
732	WHSL/RET TRADE MGMT/MKTG	17	0.0072	0.0142	0.0042	0.0151	-0.0048	0.0004	0.0051	0.0084	0.0019	-0.0165
738	SUPERVISOR IN BUS	6	-0.0178	0.0113	0.0062	0.0053	-0.0040	-0.0027	0.0053	-0.0130	-0.0058	-0.0114
741	SALESCLERK	36	-0.0252	-0.0214	-0.0250	-0.0298	-0.0077	-0.0205	-0.0202	-0.0041	-0.0148	-0.0066
743	STOCKBROKER	2	0.0015	0.0037	0.0032	0.0105	-0.0073	-0.0023	-0.0040	0.0090	0.0060	0.0014
745	REAL EST SLSMAN	5	-0.0000	-0.0054	0.0067	0.0063	-0.0088	-0.0067	-0.0119	0.0015	-0.0136	-0.0083
746	INSURANCE SLSMAN	6	-0.0160	-0.0015	0.0005	0.0004	0.0002	-0.0056	-0.0109	0.0145	0.0001	0.0025
748	OTHER SLSMAN (NEC)	15	-0.0075	0.0048	0.0163	0.0059	0.0130	-0.0116	-0.0111	0.0024	-0.0030	0.0009
751	BOOKKEEPER	100	0.0031	0.0009	-0.0004	0.0008	0.0179	-0.0180	-0.0333	-0.0127	-0.0305	-0.0193
752	TELLER OR BANK CLERK	32	-0.0099	-0.0126	-0.0060	-0.0022	0.0021	-0.0084	-0.0073	-0.0062	-0.0086	0.0116
753	CASHIER	6	0.0154	-0.0028	0.0076	0.0018	0.0121	-0.0113	-0.0171	-0.0119	-0.0116	-0.0065
755	MISC ACCT RECDG	46	0.0094	0.0106	0.0225	0.0186	0.0207	-0.0105	-0.0104	-0.0249	-0.0316	-0.0180
756	KEYPUNCH OP	69	-0.0125	-0.0122	0.0025	-0.0056	0.0028	0.0063	-0.0143	-0.0044	-0.0056	-0.0098
757	KEYPUNCH INSTRUC	3	-0.0093	0.0018	-0.0055	-0.0068	-0.0023	-0.0039	0.0005	-0.0105	-0.0189	-0.0005
758	COMPUTER OP	57	-0.0146	-0.0032	0.0008	-0.0047	-0.0162	-0.0019	-0.0083	0.0115	-0.0059	0.0003
761	SECRETARY (NEC)	851	-0.0100	0.0040	0.0049	-0.0068	0.0090	-0.0628	-0.0774	-0.0191	-0.0283	-0.0279
762	SECRETARY-BOOKKEEPER	26	0.0158	0.0135	0.0091	0.0012	0.0102	-0.0123	-0.0174	0.0052	-0.0017	0.0063
763	MED/DENT SECRETARY	39	-0.0053	-0.0109	-0.0062	-0.0157	-0.0070	-0.0053	0.0111	0.0021	-0.0037	-0.0019
764	LEGAL SECRETARY	45	0.0051	0.0040	0.0138	0.0113	0.0042	-0.0202	-0.0277	0.0031	0.0001	0.0080
765	STENO, CRT REPRTR	48	0.0064	0.0067	0.0119	0.0056	0.0116	-0.0040	-0.0095	0.0012	-0.0043	-0.0035
766	TYPIST, CLRK TYPIST	68	-0.0251	-0.0090	-0.0056	-0.0235	-0.0163	-0.0142	-0.0210	-0.0119	-0.0110	-0.0008
769	CLERK (MISC)	99	-0.0193	-0.0081	-0.0037	-0.0142	-0.0054	-0.0165	-0.0228	-0.0029	-0.0208	-0.0116
771	OFFICE SUPERVISOR	18	0.0046	0.0023	0.0013	0.0021	0.0109	-0.0040	-0.0133	0.0099	0.0006	-0.0030
772	OFFICE MANAGER	14	-0.0001	0.0171	0.0040	-0.0066	0.0008	-0.0082	-0.0008	-0.0060	0.0029	0.0023
781	PHONE, PBX OP	21	-0.0178	-0.0106	0.0021	-0.0020	0.0021	-0.0072	-0.0128	-0.0022	-0.0040	-0.0063
789	OTHER "PUB CONT" OCCS	38	-0.0057	0.0079	0.0027	0.0169	-0.0036	-0.0138	-0.0187	0.0057	-0.0002	0.0029
791	RADIO, TELEGR, TELETYPE OP	6	0.0033	-0.0046	-0.0029	-0.0036	-0.0020	0.0115	0.0019	0.0119	0.0093	-0.0025
797	MISC CLERICAL	25	0.0006	0.0079	0.0019	-0.0061	0.0119	0.0085	-0.0012	0.0102	-0.0023	-0.0005
798	MISC ADMINISTRATIVE	14	0.0088	-0.0095	0.0070	-0.0004	0.0039	0.0017	-0.0074	0.0124	0.0065	-0.0174
810	ELECTRICIAN	2	-0.0060	-0.0039	-0.0035	-0.0015	0.0196	-0.0121	-0.0157	-0.0097	-0.0067	-0.0063
811	ELECTRONIC TECH	2	-0.0245	-0.0092	0.0048	0.0037	-0.0021	-0.0023	-0.0045	-0.0062	-0.0016	-0.0056
853	AUTO, BUS, TRUCK DRIVER	2	0.0015	-0.0054	-0.0006	-0.0041	0.0067	-0.0009	-0.0003	0.0101	-0.0042	-0.0087
861	PRINTING TRADES	5	0.0113	0.0008	-0.0077	-0.0046	-0.0041	0.0008	-0.0028	0.0063	0.0101	0.0040
864	DRAFTSMAN	4	-0.0080	-0.0093	-0.0049	-0.0009	0.0033	0.0256	-0.0004	-0.0102	-0.0037	-0.0002
865	PHOTOGRAPHY	11	0.0008	-0.0005	0.0086	0.0067	0.0013	0.0076	0.0011	0.0080	0.0031	-0.0061
866	INTERIOR DECORATOR	31	-0.0082	0.0014	0.0065	0.0113	-0.0085	0.0019	-0.0046	0.0076	0.0078	-0.0091
868	CLTHNG & FASHN TRADES	41	-0.0081	-0.0139	0.0017	-0.0056	0.0022	-0.0133	-0.0159	-0.0137	-0.0098	-0.0182
871	DIETITIAN	17	0.0058	0.0003	-0.0027	0.0104	0.0131	0.0240	0.0080	0.0166	0.0088	-0.0093
872	HOME ECONOMIST	35	0.0042	0.0097	-0.0048	0.0060	-0.0023	0.0086	-0.0009	0.0223	0.0134	0.0068
873	AIRLINE STEWARD, STEWARDESS	23	0.0013	0.0162	0.0096	0.0073	0.0022	-0.0019	-0.0087	-0.0048	-0.0073	-0.0260
881	FOOD & BEVERAGE PREP	8	-0.0129	-0.0086	0.0024	-0.0091	0.0100	-0.0028	-0.0086	-0.0047	-0.0138	-0.0002
891	MISC PERSONAL SERV	23	-0.0144	-0.0118	-0.0068	-0.0199	-0.0058	-0.0106	-0.0029	-0.0049	-0.0128	-0.0244
893	HAIRDRESSER	201	-0.0575	-0.0147	-0.0063	-0.0042	0.0066	-0.0239	-0.0179	-0.0242	-0.0414	-0.0252
894	PRACTICAL NURSE	168	-0.0344	-0.0150	-0.0105	-0.0212	0.0053	0.0181	0.0659	-0.0133	-0.0316	0.0037
895	NURSES' AIDE	17	-0.0350	-0.0170	0.0036	-0.0195	0.0105	-0.0059	-0.0047	-0.0088	-0.0119	-0.0045
899	GENERAL LABORER	62	-0.0286	0.0001	0.0069	-0.0089	-0.0095	-0.0099	-0.0157	-0.0038	-0.0151	-0.0151

TABLE 4.2 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INTEREST INVENTORY (CONTD.)									
			ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION	OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES
			P-706	P-707	P-708	P-709	P-710	P-711	P-712	P-713	P-714	P-715
000	NO ANSWER	[illegible]22	-0.0045	-0.0116	-0.0231	0.0070	0.0008	-0.0021	-0.0187	0.0215	0.0044	0.0125
001	DON'T KNOW	106	0.0082	-0.0006	-0.0123	0.0120	-0.0105	-0.0161	-0.0181	-0.0349	0.0211	-0.0029
010	HOUSEWIFE	6168	-0.0948	-0.1296	-0.0703	-0.0459	-0.0573	-0.0056	0.0320	0.1667	-0.0498	0.0272
020	NO SPEC INCOME JOB	4	-0.0027	-0.0032	0.0064	-0.0062	-0.0079	-0.0104	-0.0133	-0.0011	-0.0002	-0.0079
101	EXECUTIVE (NEC)	2	0.0095	0.0188	-0.0002	-0.0001	-0.0004	-0.0090	0.0116	0.0136	-0.0096	-0.0113
102	FOREMAN (NEC)	2	-0.0144	-0.0079	-0.0103	-0.0051	-0.0182	-0.0038	-0.0072	-0.0057	-0.0051	-0.0020
111	WORK FOR GOVT (NEC)	31	-0.0006	-0.0086	-0.0040	0.0021	0.0080	0.0065	0.0102	-0.0027	0.0027	-0.0003
112	IN BUS FOR SELF (NEC)	33	0.0045	-0.0034	0.0061	0.0142	0.0103	0.0133	0.0033	0.0063	0.0095	0.0099
120	IND, BUS, COMM (NEC)	26	-0.0074	0.0018	-0.0003	-0.0094	0.0057	0.0025	0.0108	0.0131	-0.0009	-0.0020
121	RETAIL (NEC)	2	0.0072	0.0069	0.0039	0.0113	0.0115	0.0110	0.0136	0.0020	0.0048	0.0042
122	TRANSPORTATION (NEC)	6	0.0013	0.0103	-0.0055	-0.0040	-0.0032	0.0001	-0.0042	-0.0042	-0.0026	-0.0022
123	REAL ESTATE (NEC)	5	0.0096	0.0072	-0.0097	0.0048	-0.0086	-0.0072	-0.0033	-0.0098	-0.0049	-0.0087
124	INSURANCE (NEC)	7	-0.0041	0.0008	0.0047	0.0032	0.0089	0.0121	0.0179	0.0105	0.0225	0.0198
125	ELECTRONICS (NEC)	2	-0.0013	0.0015	-0.0038	-0.0101	0.0041	-0.0070	0.0116	0.0180	-0.0024	0.0073
140	"WORK WITH PEOPLE" (NEC)	2	-0.0087	-0.0010	-0.0014	0.0113	-0.0115	-0.0051	-0.0091	-0.0085	0.0111	-0.0030
141	"WORK W CHILDREN" (NEC)	7	0.0062	-0.0000	0.0050	0.0069	0.0120	0.0131	-0.0060	-0.0108	0.0042	0.0132
211	MATH, STAT	20	0.0106	0.0074	0.0293	0.0055	0.0057	-0.0039	0.0269	-0.0171	0.0232	-0.0013
221	SYSTEMS ANALYST	14	0.0109	0.0111	0.0037	-0.0043	0.0218	0.0125	0.0219	-0.0215	0.0216	-0.0001
222	COMPUTER PROGRAMMER	53	-0.0016	-0.0024	0.0044	-0.0066	0.0078	0.0042	0.0198	-0.0265	0.0228	-0.0085
229	COMPUTER SPEC (NEC)	4	0.0002	0.0039	-0.0062	0.0114	-0.0121	-0.0113	-0.0060	-0.0093	0.0081	0.0009
230	PHYSICAL SCI (NEC)	3	0.0051	0.0077	-0.0094	0.0059	-0.0132	-0.0094	-0.0175	-0.0269	0.0103	0.0064
231	CHEMIST	15	0.0135	0.0179	-0.0002	0.0078	0.0039	-0.0065	0.0110	-0.0204	0.0201	-0.0018
299	PHYS SCI, LAB TECH	29	0.0093	0.0064	0.0233	0.0122	0.0078	-0.0036	0.0041	-0.0104	0.0204	-0.0036
310	BIOLOGIST, ZOOLOGIST	20	0.0061	0.0052	0.0179	0.0126	-0.0103	-0.0200	-0.0063	-0.0393	0.0186	-0.0063
315	PHARMACOLOGIST	4	-0.0119	0.0042	0.0010	0.0023	-0.0126	-0.0054	-0.0161	-0.0265	-0.0028	-0.0145
316	MICROBIOLOGIST	13	0.0128	0.0080	0.0108	-0.0037	-0.0129	-0.0075	-0.0098	-0.0272	-0.0008	-0.0186
317	BIOCHEMIST	8	0.0099	0.0099	0.0037	0.0030	-0.0056	-0.0083	-0.0098	-0.0217	0.0083	-0.0102
319	OTHER CHEM SCI	3	0.0107	0.0170	0.0109	0.0141	0.0026	0.0074	0.0116	0.0069	0.0294	0.0149
329	MD-OTHER	8	0.0011	0.0168	0.0167	0.0025	0.0041	-0.0063	-0.0017	-0.0358	0.0110	0.0012
333	VETERINARIAN	2	0.0112	0.0020	0.0045	0.0183	-0.0026	-0.0102	-0.0033	-0.0179	0.0048	-0.0040
335	PHARMACIST	14	0.0032	0.0202	0.0086	0.0070	0.0148	0.0120	0.0006	-0.0125	0.0165	-0.0021
337	RN	591	-0.0106	0.0236	0.0427	0.0363	-0.0498	-0.0608	-0.0597	-0.0997	0.0259	-0.0140
341	DENTAL HYGIENIST	32	0.0152	0.0063	0.0028	0.0032	0.0077	0.0092	0.0112	-0.0050	0.0154	0.0092
343	PHYSICAL THERAPIST	15	0.0118	-0.0025	0.0197	0.0213	0.0087	0.0010	-0.0095	-0.0223	-0.0007	-0.0041
344	OCCUPATIONAL THERAP	13	0.0155	0.0212	0.0108	0.0206	-0.0024	0.0014	-0.0088	-0.0205	0.0130	0.0155
346	SPEC THERAP (MISC)	15	0.0146	0.0176	0.0175	0.0175	0.0123	0.0144	-0.0086	-0.0089	0.0168	0.0035
347	MED/DENT TECHNOLOGIST	93	0.0043	0.0166	0.0195	0.0184	0.0040	-0.0090	0.0139	-0.0225	0.0302	-0.0057
348	MED/DENT TECHNICIAN	138	-0.0036	-0.0118	0.0160	0.0167	-0.0071	0.0043	-0.0124	-0.0179	0.0120	-0.0045
360	PSYCHOLOGIST	47	0.0202	0.0193	0.0157	0.0063	0.0065	0.0007	-0.0002	-0.0471	0.0045	-0.0112
369	PSYCH RES ASST	3	0.0102	0.0077	0.0026	0.0100	0.0074	0.0079	-0.0016	-0.0120	0.0066	0.0005
370	SOCIAL WORKER	177	0.0274	0.0240	0.0229	0.0085	0.0269	0.0142	-0.0246	-0.0539	0.0064	-0.0143
371	PSYCHIATRIC SOC WRKER	12	-0.0018	0.0075	-0.0008	0.0039	-0.0051	-0.0083	-0.0067	-0.0204	0.0015	-0.0048
372	COUNSELING/GUIDANCE	12	-0.0086	-0.0053	-0.0003	-0.0111	0.0067	-0.0057	-0.0086	-0.0136	0.0048	-0.0070
373	VOC/ED GUIDANCE	40	0.0187	0.0190	0.0098	0.0039	0.0099	0.0033	-0.0027	-0.0344	0.0118	-0.0095
382	ECONOMIST	2	0.0152	-0.0010	0.0057	0.0014	0.0190	0.0077	0.0032	-0.0030	0.0075	0.0022
383	SOCIOLOGIST	2	0.0038	0.0129	0.0022	-0.0021	-0.0078	-0.0025	-0.0078	-0.0129	0.0102	0.0001
384	ANTHROPOLOGIST	4	0.0086	0.0070	0.0039	0.0079	0.0084	0.0014	0.0022	-0.0097	0.0087	0.0016
389	SOCIAL SCI (MISC)	6	0.0086	0.0092	0.0037	0.0026	0.0058	0.0053	0.0033	-0.0166	0.0010	-0.0022
391	POLITICIAN	5	-0.0084	0.0072	-0.0078	-0.0053	-0.0184	-0.0064	-0.0165	-0.0220	-0.0044	-0.0093
392	DIPLOMAT	3	0.0167	0.0133	0.0118	0.0076	0.0062	0.0058	0.0005	-0.0093	0.0029	0.0048
393	LAWYER	11	0.0201	0.0163	0.0131	-0.0052	0.0267	0.0157	0.0101	-0.0213	0.0055	-0.0132
394	MARKET ANALYST	3	0.0060	-0.0085	0.0022	-0.0022	0.0062	0.0016	-0.0001	-0.0165	0.0051	-0.0028
398	CITY PLANNER (NEC)	3	0.0093	0.0093	0.0094	0.0035	0.0002	-0.0062	-0.0127	-0.0152	-0.0073	-0.0088
400	TEACHER (NEC)	1326	0.0558	0.0703	0.0547	0.0088	0.0508	0.0231	-0.0158	-0.0904	-0.0016	-0.0256
410	TCHNG YNG CHILDREN	10	0.0192	0.0180	0.0040	0.0077	0.0025	0.0041	0.0008	-0.0017	0.0031	0.0118
411	TCHNG PRESCH CHILDREN	30	0.0257	0.0141	0.0044	0.0105	0.0134	0.0171	-0.0059	-0.0148	0.0054	0.0135
412	TEACHER-ELEM	616	0.0255	0.0446	0.0116	-0.0132	0.0171	0.0081	-0.0033	-0.0436	-0.0107	-0.0120
420	TEACHER-HS (NEC)	81	0.0107	0.0083	0.0135	0.0062	0.0120	-0.0041	-0.0143	-0.0318	-0.0058	-0.0169
421	TEACHER-HS MATH	36	0.0010	0.0097	0.0058	-0.0033	0.0039	-0.0048	0.0421	-0.0197	0.0261	-0.0094
422	TEACHER-HS SCIENCE	30	-0.0035	-0.0029	0.0165	0.0180	-0.0198	-0.0227	-0.0037	-0.0361	0.0142	-0.0146
423	TEACHER-HS SOC STUD	54	0.0165	0.0031	0.0123	-0.0066	0.0210	-0.0030	-0.0105	-0.0387	-0.0042	-0.0113
424	TEACHER-ENGLISH	132	0.0399	0.0454	0.0045	0.0054	0.0192	-0.0025	-0.0348	-0.0468	-0.0093	-0.0159
425	TEACHER-FOREIGN LANG	46	0.0080	0.0207	0.0069	0.0072	-0.0034	-0.0133	-0.0118	-0.0368	-0.0016	-0.0164
426	TEACHER-COMM ED	57	-0.0111	0.0055	-0.0018	-0.0082	0.0218	0.0184	0.0357	0.0251	-0.0088	-0.0095
427	TEACHER-HS HOME EC	68	0.0280	0.0147	0.0047	0.0040	0.0154	0.0213	0.0044	-0.0041	0.0075	0.0219
428	TEACHER-TRADES	4	0.0146	-0.0035	0.0081	0.0009	0.0005	0.0073	-0.0024	-0.0027	0.0106	0.0104
429	TEACHER-PHYS ED	59	-0.0042	-0.0000	0.0724	0.0438	0.0005	-0.0203	-0.0174	-0.0479	0.0187	0.0063
431	TEACHER-ART	50	0.0720	0.0256	0.0164	0.0221	0.0049	0.0060	-0.0253	-0.0453	0.0021	0.0056
432	TEACHER-MUSIC	65	0.0271	0.0954	-0.0006	0.0061	-0.0005	-0.0025	-0.0066	-0.0208	-0.0018	0.0032
440	TEACHER-HANDICAPPED	70	0.0113	0.0139	0.0060	-0.0085	-0.0042	-0.0074	-0.0187	-0.0415	-0.0060	-0.0224
441	SPEECH THERAPIST	39	0.0203	0.0101	0.0138	0.0097	0.0035	0.0080	-0.0166	-0.0334	-0.0026	-0.0159
450	SCHOOL ADM (EXC COLL)	5	0.0125	0.0132	0.0109	0.0096	0.0060	-0.0060	0.0007	-0.0024	0.0065	-0.0041
460	COLL/UNIV TCHR (NEC)	107	0.0648	0.0586	0.0255	0.0174	0.0136	0.0066	-0.0103	-0.0624	0.0191	-0.0022
461	COLL/UNIV TCHR-MATH	10	0.0138	0.0253	0.0191	0.0073	0.0135	0.0044	0.0161	-0.0067	0.0120	0.0007
462	COLL/UNIV TCHR-SCIENCE	17	0.0175	0.0112	0.0189	0.0148	0.0020	-0.0050	0.0092	-0.0264	0.0217	-0.0070
463	COLL/UNIV TCHR-SOC SCI	16	0.0085	0.0158	-0.0033	0.0079	0.0042	0.0081	-0.0065	-0.0352	-0.0020	-0.0082
464	COLL/UNIV TCHR-ENGLISH	32	0.0418	0.0311	0.0181	0.0004	0.0160	0.0141	-0.0067	-0.0356	0.0064	-0.0087
465	COLL/UNIV TCHR-FOR LANG	19	0.0187	0.0262	0.0041	-0.0008	-0.0055	-0.0059	0.0047	-0.0177	0.0096	-0.0103
470	COLL/UNIV TCHR-ADM	4	0.0130	0.0168	0.0043	-0.0083	0.0074	0.0023	0.0077	-0.0050	0.0074	-0.0065
499	AUX JOBS IN EDUC	3	-0.0009	-0.0045	0.0113	0.0072	0.0166	0.0074	0.0211	0.0074	0.0140	0.0073
511	LIBRARIAN	77	0.0187	0.0316	-0.0025	-0.0040	-0.0027	-0.0023	0.0152	-0.0148	0.0036	-0.0025
521	CLERGYMAN	7	0.0080	0.0151	0.0066	0.0149	0.0081	0.0128	0.0100	0.0022	0.0143	0.0104
522	MONK, BROTHER, NUN	29	-0.0039	-0.0009	0.0122	0.0025	-0.0059	-0.0150	0.0020	-0.0283	0.0098	-0.0112

TABLE 4.2 (continued)

			POINT BISERIAL CORRELATIONS									
			INTEREST INVENTORY (CONTD.)									
#	GROUP	N	ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION	OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES
			P-706	P-707	P-708	P-709	P-710	P-711	P-712	P-713	P-714	P-715
523	RELIG WORKER (OTHER)	35	0.0033	0.0151	0.0024	-0.0059	-0.0061	-0.0046	0.0015	-0.0005	-0.0085	0.0052
531	WRITER (NEC)	28	0.0217	0.0245	-0.0117	-0.0039	-0.0065	-0.0055	-0.0305	-0.0426	-0.0124	-0.0201
532	FICTION WRITER	5	0.0067	0.0060	0.0143	0.0225	0.0018	0.0017	-0.0185	-0.0217	-0.0032	-0.0061
533	NONFIC WRTR (EXC JRNLIST)	5	0.0074	0.0016	0.0056	0.0045	0.0093	0.0005	0.0003	-0.0154	0.0036	0.0005
534	JOURNALIST/REPORTER	23	0.0162	0.0110	0.0035	0.0100	0.0084	-0.0023	-0.0237	-0.0263	0.0035	-0.0130
536	PUBLISHER, ETC.	4	0.0186	0.0224	0.0010	-0.0002	0.0016	0.0014	-0.0074	-0.0089	-0.0021	-0.0028
537	EDITOR	10	0.0184	0.0164	-0.0127	-0.0079	-0.0015	-0.0057	-0.0134	-0.0255	-0.0058	-0.0197
539	TRANSLAT, INTERPR, LINGST	13	0.0202	0.0214	0.0067	-0.0043	0.0032	0.0102	-0.0070	0.0001	0.0024	0.0000
541	FINE ARTS	42	0.0621	0.0157	-0.0084	0.0006	-0.0041	-0.0091	-0.0179	-0.0382	0.0051	-0.0054
545	COMM ARTIST	35	0.0654	0.0126	0.0089	0.0273	-0.0106	0.0060	-0.0250	-0.0308	0.0087	0.0072
547	DESIGNER (CONS GDS)	3	0.0209	0.0004	0.0060	0.0304	-0.0077	-0.0057	0.0026	-0.0228	0.0228	0.0225
551	MUSICIAN	7	0.0168	0.0336	-0.0067	-0.0069	-0.0015	0.0001	0.0016	-0.0170	0.0090	0.0076
552	SINGER	13	0.0130	0.0330	-0.0038	-0.0039	0.0043	-0.0125	-0.0082	-0.0095	0.0062	-0.0032
559	MUSIC-RELATED (MISC)	2	0.0061	0.0159	0.0045	0.0063	0.0100	0.0122	-0.0046	-0.0041	-0.0069	-0.0040
560	DANCER, CHOREOG	12	0.0184	0.0267	0.0106	0.0127	0.0003	-0.0015	-0.0152	-0.0166	-0.0059	-0.0040
571	ACTOR	9	0.0087	0.0104	-0.0078	0.0137	-0.0033	-0.0063	-0.0202	-0.0325	-0.0138	-0.0153
572	THEATRICAL DIRECTING	2	0.0140	0.0149	-0.0049	0.0033	0.0056	0.0058	-0.0136	-0.0107	-0.0051	-0.0009
575	THEATRE (OTHER)	11	0.0101	0.0182	0.0189	0.0173	0.0014	-0.0002	-0.0106	-0.0213	0.0097	-0.0031
579	MISC PERF ARTS	3	-0.0093	-0.0142	-0.0085	-0.0132	-0.0114	-0.0068	-0.0117	-0.0152	-0.0051	-0.0071
581	MODEL	8	0.0090	0.0092	0.0046	0.0099	0.0052	0.0052	-0.0127	-0.0029	-0.0007	-0.0019
611	PRO ATHLETE	2	0.0112	0.0030	0.0098	0.0198	-0.0070	-0.0025	0.0019	-0.0013	0.0201	0.0177
621	RECREATION DIR	8	0.0028	0.0116	0.0043	0.0102	-0.0063	-0.0141	-0.0163	-0.0187	0.0056	-0.0034
631	FARM/RANCH OWNER	3	-0.0093	-0.0093	-0.0017	0.0059	-0.0144	-0.0078	-0.0180	-0.0115	-0.0022	-0.0062
639	FARMING (OTHER)	4	0.0102	0.0021	0.0123	0.0185	0.0063	0.0101	0.0128	-0.0007	0.0100	0.0038
661	POLICE (PUBLIC)	5	-0.0066	-0.0081	0.0116	0.0140	-0.0043	-0.0032	0.0003	-0.0021	-0.0004	-0.0048
711A	BANKING & FINANCE, I	13	-0.0130	-0.0058	-0.0005	-0.0029	0.0032	-0.0032	0.0230	0.0114	-0.0044	-0.0069
711B	BANKING & FINANCE, II	3	0.0065	-0.0053	0.0046	0.0072	-0.0023	0.0105	-0.0027	-0.0084	-0.0140	-0.0130
716	CPA	8	-0.0004	0.0144	0.0061	0.0055	0.0078	0.0027	0.0074	-0.0143	0.0002	-0.0107
717	ACCTANT (EXC CPA)	87	-0.0067	-0.0034	-0.0157	-0.0123	0.0076	0.0087	0.0506	0.0255	-0.0046	-0.0002
721	PURCHASING AGENT	3	-0.0065	0.0069	-0.0046	-0.0051	0.0159	0.0137	0.0248	0.0110	-0.0066	-0.0020
722	RETAIL BUYER	27	0.0144	-0.0096	-0.0027	-0.0042	-0.0017	0.0105	-0.0174	-0.0241	-0.0142	-0.0136
724	ADVERTISING	23	0.0228	0.0178	0.0066	0.0123	0.0034	0.0026	-0.0124	-0.0175	0.0017	-0.0004
725	PUBLIC RELATIONS	17	0.0101	0.0019	0.0020	0.0109	0.0018	-0.0100	-0.0295	-0.0245	-0.0206	-0.0159
726	PERSONNEL ADMIN	21	0.0107	0.0078	-0.0020	0.0022	-0.0007	-0.0048	-0.0027	-0.0002	0.0156	-0.0053
727	APPRAISING/ESTIMATING	16	-0.0067	-0.0095	-0.0092	0.0007	-0.0063	-0.0112	-0.0042	-0.0020	0.0063	0.0094
728	LOAN/CREDIT INVESTIG	2	-0.0138	-0.0129	-0.0186	-0.0136	-0.0204	-0.0051	-0.0059	0.0036	-0.0132	-0.0113
730	BUS, MGMT, ADM (NEC)	26	0.0020	0.0106	-0.0003	0.0042	0.0115	0.0142	0.0137	-0.0023	0.0051	-0.0068
732	WHSL/RET TRADE MGMT/MKTG	17	0.0064	0.0121	-0.0073	0.0047	0.0168	0.0054	-0.0072	-0.0130	0.0041	-0.0059
738	SUPERVISOR IN BUS	6	-0.0006	-0.0086	0.0106	0.0208	-0.0144	-0.0051	-0.0068	-0.0017	-0.0010	0.0002
741	SALESCLERK	36	-0.0235	-0.0151	-0.0041	-0.0053	0.0004	0.0070	0.0018	0.0160	-0.0028	0.0045
743	STOCKBROKER	2	0.0044	-0.0040	-0.0032	-0.0071	0.0182	0.0206	0.0161	0.0114	0.0021	0.0053
745	REAL EST SLSMAN	5	-0.0094	-0.0097	-0.0134	-0.0135	0.0004	-0.0036	-0.0046	0.0031	-0.0078	-0.0093
746	INSURANCE SLSMAN	6	-0.0108	-0.0011	0.0106	0.0075	0.0020	0.0093	0.0010	0.0041	0.0000	0.0020
748	OTHER SLSMAN (NEC)	15	0.0036	0.0101	-0.0095	-0.0073	0.0044	0.0083	0.0008	0.0099	0.0013	-0.0003
751	BOOKKEEPER	100	-0.0292	-0.0266	-0.0171	-0.0127	0.0042	0.0098	0.0423	0.0393	0.0136	0.0134
752	TELLER OR BANK CLERK	32	0.0033	0.0082	0.0036	-0.0112	0.0101	-0.0022	0.0099	0.0207	-0.0046	0.0037
753	CASHIER	6	-0.0141	-0.0160	-0.0093	-0.0138	-0.0019	-0.0003	0.0123	0.0162	-0.0114	-0.0040
755	MISC ACCT RECDG	46	-0.0259	-0.0201	0.0016	-0.0015	-0.0107	-0.0093	-0.0021	0.0123	-0.0055	-0.0069
756	KEYPUNCH OP	69	0.0035	0.0050	0.0061	0.0207	0.0225	0.0204	0.0312	0.0247	0.0281	0.0319
757	KEYPUNCH INSTRUC	3	-0.0116	-0.0040	-0.0123	-0.0144	-0.0071	-0.0026	-0.0001	-0.0084	-0.0088	-0.0003
758	COMPUTER OP	57	-0.0090	0.0006	0.0041	-0.0059	0.0109	0.0049	0.0146	0.0186	0.0003	-0.0006
761	SECRETARY (NEC)	851	-0.0388	-0.0318	-0.0258	-0.0308	0.0126	0.0154	0.0534	0.1209	-0.0249	0.0012
762	SECRETARY-BOOKKEEPER	26	-0.0024	-0.0105	-0.0085	-0.0103	0.0138	0.0199	0.0349	0.0299	-0.0062	-0.0045
763	MED/DENT SECRETARY	39	-0.0066	0.0066	0.0068	0.0013	0.0011	-0.0083	0.0017	0.0045	-0.0020	-0.0049
764	LEGAL SECRETARY	45	-0.0053	-0.0004	-0.0083	-0.0090	0.0091	0.0125	0.0105	0.0244	-0.0085	-0.0049
765	STENO, CRT REPRTR	48	-0.0126	-0.0019	-0.0017	0.0031	0.0142	0.0052	0.0327	0.0414	-0.0033	0.0007
766	TYPIST, CLRK TYPIST	68	-0.0202	-0.0124	-0.0134	-0.0216	0.0034	0.0051	0.0148	0.0259	-0.0088	-0.0009
769	CLERK (MISC)	99	-0.0251	-0.0057	-0.0084	-0.0131	-0.0007	-0.0023	0.0152	0.0272	-0.0010	-0.0013
771	OFFICE SUPERVISOR	18	-0.0157	-0.0053	0.0015	-0.0071	0.0016	0.0121	0.0171	0.0128	-0.0060	-0.0090
772	OFFICE MANAGER	14	-0.0095	0.0140	-0.0044	-0.0049	0.0021	-0.0062	0.0077	0.0128	-0.0036	-0.0064
781	PHONE, PBX OP	21	0.0030	-0.0023	0.0039	0.0091	-0.0019	0.0043	0.0035	0.0162	0.0111	0.0126
789	OTHER "PUB CONT" OCCS	38	-0.0070	-0.0033	-0.0058	-0.0137	0.0100	0.0213	0.0031	0.0121	-0.0034	0.0075
791	RADIO, TELEGR, TELETYPE OP	6	0.0072	-0.0029	0.0082	0.0093	0.0165	0.0175	0.0130	0.0015	0.0140	0.0139
797	MISC CLERICAL	25	-0.0051	-0.0051	0.0115	0.0121	0.0095	0.0141	0.0114	0.0019	0.0096	0.0110
798	MISC ADMINISTRATIVE	14	0.0068	-0.0011	-0.0135	0.0008	-0.0010	0.0042	0.0092	-0.0027	-0.0023	-0.0103
810	ELECTRICIAN	2	-0.0132	-0.0089	-0.0138	-0.0151	0.0034	0.0033	0.0025	0.0158	-0.0105	-0.0071
811	ELECTRONIC TECH	2	-0.0053	-0.0030	-0.0215	-0.0136	0.0019	-0.0012	0.0123	0.0070	-0.0069	-0.0020
853	AUTO, BUS, TRUCK DRIVER	2	-0.0059	-0.0050	0.0081	0.0033	0.0100	0.0013	-0.0013	-0.0008	0.0147	0.0094
861	PRINTING TRADES	5	0.0161	0.0166	0.0075	0.0067	0.0154	0.0143	0.0040	0.0136	0.0104	0.0175
864	DRAFTSMAN	4	0.0174	0.0035	0.0173	0.0104	0.0011	-0.0072	-0.0042	-0.0070	0.0291	0.0155
865	PHOTOGRAPHY	11	0.0094	0.0095	0.0131	0.0129	0.0045	0.0146	0.0029	0.0023	0.0124	0.0071
866	INTERIOR DECORATOR	31	0.0364	0.0073	-0.0033	-0.0009	0.0005	0.0136	-0.0189	-0.0252	-0.0030	-0.0058
868	CLTHNG & FASHN TRADES	41	0.0038	-0.0115	-0.0203	-0.0070	-0.0002	-0.0036	-0.0108	0.0030	-0.0049	0.0049
871	DIETITIAN	17	0.0093	0.0083	0.0140	0.0075	0.0048	-0.0052	0.0014	-0.0149	0.0103	0.0075
872	HOME ECONOMIST	35	0.0238	0.0129	0.0075	-0.0000	0.0104	0.0171	0.0094	-0.0098	0.0076	0.0151
873	AIRLINE STEWARD, STEWARDESS	23	0.0105	0.0009	0.0045	0.0025	-0.0111	-0.0088	-0.0179	-0.0097	-0.0097	-0.0124
881	FOOD & BEVERAGE PREP	8	0.0025	-0.0173	-0.0028	-0.0035	0.0030	-0.0025	-0.0059	0.0054	0.0132	0.0147
891	MISC PERSONAL SERV	23	-0.0119	-0.0072	-0.0191	0.0111	-0.0014	-0.0133	-0.0070	-0.0138	-0.0113	0.0081
893	HAIRDRESSER	201	-0.0131	-0.0130	-0.0130	-0.0034	-0.0185	-0.0191	-0.0149	0.0009	-0.0009	0.0222
894	PRACTICAL NURSE	168	-0.0254	-0.0119	0.0038	0.0137	-0.0263	-0.0270	-0.0282	-0.0248	0.0191	0.0188
895	NURSES' AIDE	17	-0.0168	0.0012	-0.0065	0.0073	-0.0125	0.0010	-0.0041	0.0083	-0.0014	0.0075
899	GENERAL LABORER	62	-0.0245	-0.0168	-0.0047	0.0023	0.0043	-0.0022	0.0028	0.0171	0.0098	0.0223

TABLE 4.2 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INT. INV. (CONTD)		STUDENT ACTIVITIES INVENTORY							
			FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS	CULTURE	LEADERSHIP
			P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606	R-607	R-608
000	NO ANSWER	1522	-0.0119	0.0116	-0.0203	-0.0195	0.0027	-0.0291	-0.0326	-0.0187	-0.0291	-0.0078
001	DON'T KNOW	166	0.0032	-0.0053	-0.0433	-0.0188	0.0143	-0.0171	-0.0144	-0.0338	-0.0172	-0.0126
010	HOUSEWIFE	6168	-0.0189	0.0443	0.0176	-0.0632	-0.0419	-0.0588	-0.0764	-0.0144	-0.1022	-0.1068
020	NO SPEC INCOME JOB	4	0.0088	-0.0031	-0.0068	-0.0001	0.0041	-0.0024	-0.0141	0.0030	-0.0062	-0.0103
101	EXECUTIVE (NEC)	2	-0.0021	-0.0074	-0.0048	-0.0026	-0.0004	0.0009	0.0009	0.0021	-0.0056	-0.0073
102	FOREMAN (NEC)	2	-0.0117	-0.0065	-0.0067	-0.0100	-0.0070	-0.0042	-0.0143	-0.0122	-0.0107	-0.0034
111	WORK FOR GOVT (NEC)	31	0.0010	-0.0112	-0.0164	0.0152	0.0042	-0.0083	0.0079	0.0010	0.0027	-0.0013
112	IN BUS FOR SELF (NEC)	33	0.0099	0.0146	0.0068	-0.0031	0.0064	0.0118	0.0004	-0.0106	-0.0093	0.0096
120	IND, BUS, COMM (NEC)	26	-0.0127	0.0023	0.0010	-0.0003	-0.0034	-0.0011	-0.0004	0.0087	-0.0001	0.0064
121	RETAIL (NEC)	2	0.0127	-0.0027	-0.0106	-0.0050	-0.0004	0.0009	-0.0013	0.0001	0.0019	-0.0034
122	TRANSPORTATION (NEC)	6	-0.0020	-0.0002	0.0029	-0.0044	-0.0179	0.0060	-0.0085	0.0037	0.0004	-0.0036
123	REAL ESTATE (NEC)	5	0.0013	-0.0024	0.0096	0.0022	0.0056	0.0046	0.0028	-0.0044	-0.0057	0.0022
124	INSURANCE (NEC)	7	0.0127	0.0221	-0.0038	-0.0021	-0.0150	-0.0148	0.0005	0.0039	-0.0186	-0.0105
125	ELECTRONICS (NEC)	2	-0.0057	-0.0017	0.0088	-0.0026	0.0029	0.0034	-0.0013	-0.0081	0.0019	-0.0034
140	"WORK WITH PEOPLE" (NEC)	2	0.0086	-0.0008	0.0010	0.0123	-0.0037	0.0034	0.0074	0.0001	-0.0056	0.0203
141	"WORK W CHILDREN" (NEC)	7	-0.0026	0.0006	0.0097	-0.0035	0.0010	-0.0011	-0.0053	0.0029	0.0002	0.0063
211	MATH, STAT	20	0.0074	0.0018	-0.0133	-0.0168	-0.0003	0.0165	0.0158	-0.0024	0.0013	0.0006
221	SYSTEMS ANALYST	14	0.0004	-0.0085	-0.0054	-0.0002	0.0063	-0.0103	0.0097	0.0025	0.0013	0.0134
222	COMPUTER PROGRAMMER	53	-0.0046	-0.0100	-0.0149	0.0018	0.0100	-0.0104	0.0012	-0.0059	-0.0139	-0.0074
229	COMPUTER SPEC (NEC)	4	0.0029	-0.0024	-0.0068	-0.0054	0.0017	-0.0078	-0.0018	-0.0072	0.0027	-0.0103
230	PHYSICAL SCI (NEC)	3	0.0020	-0.0056	-0.0264	-0.0072	-0.0086	-0.0031	-0.0060	-0.0108	-0.0028	-0.0041
231	CHEMIST	15	0.0156	-0.0021	-0.0138	-0.0134	0.0000	0.0174	-0.0047	-0.0017	0.0020	0.0124
299	PHYS SCI, LAB TECH	29	0.0104	-0.0072	-0.0055	-0.0104	0.0027	-0.0041	0.0085	-0.0173	-0.0036	0.0058
310	BIOLOGIST, ZOOLOGIST	20	0.0162	-0.0181	-0.0047	-0.0065	-0.0003	0.0076	0.0097	-0.0141	0.0005	-0.0069
315	PHARMACOLOGIST	4	-0.0039	-0.0092	-0.0246	-0.0124	0.0017	-0.0169	-0.0064	-0.0101	-0.0009	-0.0131
316	MICROBIOLOGIST	13	-0.0088	-0.0251	-0.0039	0.0022	0.0106	0.0032	0.0082	0.0030	0.0182	0.0115
317	BIOCHEMIST	8	-0.0046	-0.0125	-0.0067	0.0023	0.0157	0.0018	0.0094	0.0022	0.0101	0.0090
319	OTHER CHEM SCI	3	0.0093	0.0030	-0.0201	0.0029	-0.0005	-0.0073	0.0029	-0.0141	-0.0028	0.0152
329	MD-OTHER	8	0.0151	0.0004	-0.0086	0.0073	-0.0025	0.0082	0.0126	0.0011	-0.0062	0.0090
333	VETERINARIAN	2	0.0145	-0.0074	0.0049	0.0099	-0.0004	0.0060	0.0139	-0.0122	0.0094	0.0045
335	PHARMACIST	14	0.0164	0.0012	-0.0046	0.0101	-0.0012	-0.0035	0.0146	0.0087	0.0146	0.0090
337	RN	591	0.0257	-0.0151	0.0136	0.0345	0.0212	0.0497	0.0431	0.0260	0.0350	0.0169
341	DENTAL HYGIENIST	32	0.0126	0.0080	0.0051	0.0028	0.0024	0.0086	0.0155	0.0151	0.0120	0.0013
343	PHYSICAL THERAPIST	16	0.0131	0.0080	0.0077	-0.0037	0.0046	0.0052	-0.0036	-0.0150	-0.0088	-0.0054
344	OCCUPATIONAL THERAP	13	0.0155	0.0145	0.0083	0.0120	0.0028	0.0143	0.0108	0.0158	0.0152	0.0115
346	SPEC THERAP (MISC)	15	0.0049	-0.0010	0.0095	0.0148	0.0314	0.0071	0.0064	0.0050	0.0250	0.0354
347	MED/DENT TECHNOLOGIST	93	0.0020	-0.0070	-0.0020	0.0172	0.0038	0.0211	0.0185	0.0238	0.0247	0.0187
348	MED/DENT TECHNICIAN	138	0.0054	-0.0151	0.0074	-0.0001	-0.0092	0.0104	-0.0042	0.0005	0.0068	-0.0043
360	PSYCHOLOGIST	47	-0.0008	-0.0169	0.0064	0.0271	0.0027	0.0164	0.0200	0.0094	0.0220	0.0301
369	PSYCH RES ASST	3	0.0044	0.0037	-0.0011	-0.0031	-0.0059	-0.0073	0.0029	-0.0091	0.0034	-0.0009
370	SOCIAL WORKER	177	-0.0036	-0.0108	0.0027	0.0196	0.0206	0.0171	0.0202	-0.0026	0.0357	0.0461
371	PSYCHIATRIC SOC WRKER	12	-0.0055	-0.0112	0.0025	0.0120	-0.0038	0.0063	0.0066	0.0018	0.0067	0.0111
372	COUNSELING/GUIDANCE	12	-0.0115	-0.0143	0.0049	0.0018	0.0151	0.0042	0.0092	0.0043	-0.0005	0.0030
373	VOC/ED GUIDANCE	40	-0.0068	-0.0216	0.0150	0.0252	0.0121	0.0269	0.0156	-0.0020	0.0266	0.0423
382	ECONOMIST	2	0.0020	0.0174	-0.0029	0.0049	-0.0070	-0.0119	-0.0035	-0.0061	0.0094	0.0045
383	SOCIOLOGIST	2	0.0032	0.0136	-0.0029	-0.0050	0.0095	0.0086	0.0052	-0.0163	-0.0006	0.0085
384	ANTHROPOLOGIST	4	0.0096	-0.0031	-0.0082	-0.0019	0.0134	0.0012	-0.0003	0.0088	0.0009	-0.0048
389	SOCIAL SCI (MISC)	6	0.0004	-0.0079	0.0107	0.0056	0.0126	-0.0073	0.0103	-0.0070	0.0091	0.0215
391	POLITICIAN	5	-0.0092	-0.0078	-0.0113	-0.0072	0.0056	-0.0018	0.0028	[illegible]	-0.0025	0.0046
392	DIPLOMAT	3	0.0234	0.0030	0.0005	0.0029	0.0022	0.0053	-0.0007	[illegible]	0.0013	-0.0073
393	LAWYER	11	0.0058	-0.0075	0.0028	0.0141	0.0342	0.0064	0.0122	[illegible]	0.0125	0.0241
394	MARKET ANALYST	3	0.0039	-0.0064	0.0052	0.0070	0.0049	0.0053	0.0117	[illegible]	0.0054	-0.0009
398	CITY PLANNER (NEC)	3	0.0015	0.0037	-0.0154	-0.0011	0.0076	-0.0094	0.0082	[illegible]	-0.0007	-0.0009
400	TEACHER (NEC)	1326	0.0035	-0.0296	0.0309	0.0545	-0.0069	0.0582	0.0637	[illegible]	0.0879	0.0721
410	TCHNG YNG CHILDREN	10	0.0037	0.0056	-0.0055	-0.0046	0.0049	-0.0026	-0.0009	[illegible]	0.0088	0.0119
411	TCHNG PRESCH CHILDREN	30	0.0150	-0.0039	0.0070	0.0106	0.0069	0.0160	-0.0027	-0.0008	0.0087	0.0094
412	TEACHER-ELEM	616	-0.0011	-0.0205	0.0145	0.0330	-0.0297	0.0107	0.0301	0.0157	0.0411	0.0222
420	TEACHER-HS (NEC)	81	0.0093	-0.0130	0.0027	0.0028	0.0082	0.0145	0.0183	-0.0088	0.0104	0.0120
421	TEACHER-HS MATH	36	0.0051	-0.0086	-0.0144	0.0044	-0.0159	0.0092	0.0155	0.0128	0.0087	0.0183
422	TEACHER-HS SCIENCE	30	0.0110	-0.0180	-0.0146	-0.0009	0.0009	0.0074	0.0214	-0.0093	0.0048	-0.0049
423	TEACHER-HS SOC STUD	54	0.0029	-0.0089	-0.0036	0.0240	-0.0004	-0.0137	0.0092	0.0102	0.0298	0.0091
424	TEACHER-ENGLISH	132	0.0091	-0.0135	-0.0053	0.0316	0.0300	0.0144	0.0203	0.0119	0.0466	0.0344
425	TEACHER-FOREIGN LANG	46	-0.0127	-0.0148	-0.0064	0.0141	0.0048	0.0117	0.0097	-0.0074	0.0128	0.0126
426	TEACHER-COMM ED	57	-0.0252	-0.0105	-0.0020	0.0101	-0.0017	-0.0030	0.0059	0.0190	0.0015	0.0101
427	TEACHER-HS HOME EC	68	0.0107	0.0080	0.0090	0.0141	-0.0196	0.0113	0.0212	0.0292	0.0384	0.0318
428	TEACHER-TRADES	4	0.0104	0.0016	-0.0054	0.0016	0.0017	-0.0132	-0.0064	-0.0057	-0.0009	-0.0020
429	TEACHER-PHYS ED	59	0.0354	0.0019	0.0057	-0.0094	0.0025	0.0562	0.0068	0.0043	-0.0116	0.0166
431	TEACHER-ART	50	0.0220	-0.0078	-0.0081	0.0145	0.0117	0.0029	0.0153	0.0028	0.0282	0.0139
432	TEACHER-MUSIC	65	0.0050	-0.0023	-0.0069	0.0054	-0.0083	0.0095	0.0176	0.0092	0.0403	0.0189
440	TEACHER-HANDICAPPED	70	-0.0058	-0.0244	0.0153	0.0193	0.0165	0.0169	0.0269	-0.0038	0.0224	0.0234
441	SPEECH THERAPIST	39	-0.0032	-0.0092	0.0131	0.0180	-0.0019	0.0074	0.0157	0.0028	0.0133	0.0146
450	SCHOOL ADM (EXC COLL)	5	0.0043	-0.0121	-0.0027	0.0007	0.0098	0.0192	0.0000	0.0046	0.0070	0.0171
460	COLL/UNIV TCHR (NEC)	107	0.0085	-0.0104	-0.0051	0.0241	0.0177	0.0289	0.0228	0.0118	0.0462	0.0288
461	COLL/UNIV TCHR-MATH	10	0.0027	-0.0043	-0.0029	0.0198	0.0049	0.0146	0.0194	0.0194	0.0268	0.0119
462	COLL/UNIV TCHR-SCIENCE	17	0.0186	-0.0114	-0.0053	0.0079	-0.0024	0.0131	0.0219	0.0047	0.0120	0.0281
463	COLL/UNIV TCHR-SOC SCI	16	0.0017	-0.0052	-0.0170	0.0077	0.0058	0.0161	0.0094	-0.0042	0.0187	0.0239
464	COLL/UNIV TCHR-ENGLISH	32	0.0072	-0.0090	-0.0148	0.0096	0.0032	0.0074	0.0111	-0.0075	0.0271	0.0151
465	COLL/UNIV TCHR-FOR LANG	19	0.0061	-0.0057	-0.0116	-0.0023	-0.0078	0.0102	0.0105	-0.0035	0.0185	0.0165
470	COLL/UNIV TCHR-ADM	4	-0.0060	-0.0044	0.0138	0.0122	0.0134	0.0175	0.0089	0.0073	0.0187	0.0148
499	AUX JOBS IN EDUC	3	-0.0014	0.0084	-0.0011	-0.0011	0.0076	-0.0010	-0.0148	-0.0075	-0.0089	-0.0073
511	LIBRARIAN	77	0.0136	-0.0098	-0.0257	-0.0051	-0.0038	-0.0222	0.0055	-0.0044	0.0096	-0.0057
521	CLERGYMAN	7	0.0086	0.0042	0.0055	0.0098	0.0063	0.0085	0.0086	0.0083	0.0163	0.0253
522	MONK, BROTHER, NUN	29	0.0012	-0.0107	-0.0162	-0.0091	0.0044	0.0107	-0.0052	-0.0049	0.0096	0.0089

TABLE 4.2 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INT. INV. (CONTD)		STUDENT ACTIVITIES INVENTORY							
			FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS	CULTURE	LEADERSHIP
			P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606	R-607	R-608
523	RELIG WORKER (OTHER)	35	0.0028	0.0098	-0.0127	0.0012	0.0005	0.0092	0.0073	0.0044	-0.0019	0.0038
531	WRITER (NEC)	28	-0.0050	-0.0291	0.0235	0.0236	0.0320	0.0136	0.0056	-0.0031	0.0293	0.0475
532	FICTION WRITER	5	0.0062	0.0066	-0.0039	-0.0009	0.0119	0.0111	0.0014	-0.0122	-0.0041	0.0096
533	NONFIC WRTR (EXC JRNLIST)	5	-0.0032	-0.0030	-0.0149	-0.0103	0.0035	-0.0051	-0.0041	-0.0083	0.0118	0.0071
534	JOURNALIST/REPORTER	23	0.0088	-0.0105	0.0078	0.0170	0.0180	0.0188	0.0094	0.0059	0.0217	0.0188
536	PUBLISHER, ETC.	4	0.0046	-0.0071	0.0069	0.0157	-0.0006	0.0157	0.0181	0.0102	0.0205	0.0231
537	EDITOR	10	-0.0061	-0.0132	-0.0099	0.0120	0.0005	-0.0038	0.0068	0.0084	0.0256	0.0048
539	TRANSLAT, INTERPR, LINGST	13	-0.0098	-0.0034	0.0007	0.0042	0.0158	0.0032	0.0040	-0.0107	0.0093	0.0022
541	FINE ARTS	42	0.0130	-0.0072	-0.0127	0.0148	0.0052	-0.0032	0.0131	0.0150	0.0285	0.0044
545	COMM ARTIST	35	0.0286	-0.0002	-0.0252	-0.0214	0.0116	-0.0043	-0.0082	-0.0181	-0.0097	-0.0151
547	DESIGNER (CONS GDS)	3	0.0205	0.0069	-0.0090	-0.0072	0.0319	0.0115	-0.0025	-0.0108	0.0013	0.0055
551	MUSICIAN	7	-0.0070	0.0073	-0.0079	0.0151	0.0116	0.0057	0.0017	0.0050	0.0163	0.0274
552	SINGER	13	-0.0105	-0.0064	0.0022	0.0042	0.0015	0.0073	0.0048	0.0022	0.0162	0.0084
559	MUSIC-RELATED (MISC)	2	0.0104	0.0059	-0.0067	-0.0050	0.0128	0.0111	-0.0035	-0.0163	0.0044	0.0085
560	DANCER, CHOREOG	12	0.0152	-0.0042	0.0128	0.0110	0.0030	0.0105	0.0048	-0.0082	0.0160	0.0078
571	ACTOR	8	-0.0040	-0.0092	-0.0028	-0.0039	0.0157	0.0120	-0.0080	-0.0183	0.0000	0.0209
572	THEATRICAL DIRECTING	2	-0.0021	-0.0027	0.0088	0.0099	0.0062	-0.0042	0.0074	-0.0020	0.0069	0.0045
575	THEATRE (OTHER)	11	0.0063	-0.0001	-0.0038	-0.0028	0.0004	-0.0012	0.0076	-0.0160	0.0007	0.0123
579	MISC PERF ARTS	3	0.0005	-0.0142	0.0068	0.0090	0.0103	0.0053	-0.0060	-0.0024	-0.0048	-0.0073
581	MODEL	8	0.0056	-0.0029	0.0030	-0.0002	0.0107	0.0043	0.0072	0.0011	-0.0025	-0.0087
611	PRO ATHLETE	2	0.0193	0.0193	-0.0067	-0.0001	-0.0070	-0.0042	0.0009	-0.0081	-0.0031	-0.0034
621	RECREATION DIR	8	0.0175	0.0042	-0.0115	-0.0089	-0.0058	-0.0085	-0.0026	-0.0060	-0.0037	-0.0087
631	FARM/RANCH OWNER	3	0.0098	-0.0048	-0.0043	-0.0113	0.0022	-0.0115	-0.0007	-0.0041	-0.0110	0.0023
639	FARMING (OTHER)	4	0.0210	-0.0017	0.0069	-0.0019	0.0041	0.0175	0.0089	0.0044	0.0009	0.0008
661	POLICE (PUBLIC)	5	0.0183	0.0054	-0.0027	-0.0119	0.0014	0.0014	-0.0055	-0.0070	-0.0153	0.0022
711A	BANKING & FINANCE, I	13	-0.0100	0.0026	0.0174	0.0061	0.0028	0.0113	0.0031	0.0134	0.0063	0.0053
711B	BANKING & FINANCE, II	3	0.0093	-0.0150	0.0084	0.0050	0.0130	0.0073	0.0117	-0.0058	0.0116	-0.0041
716	CPA	8	0.0020	-0.0063	-0.0106	-0.0101	0.0173	-0.0021	0.0007	0.0083	-0.0050	-0.0028
717	ACCTANT (EXC CPA)	87	-0.0105	0.0091	-0.0099	-0.0003	0.0001	-0.0148	0.0052	0.0058	-0.0051	0.0035
721	PURCHASING AGENT	3	-0.0043	0.0084	0.0020	-0.0153	0.0049	-0.0031	-0.0042	0.0009	-0.0069	0.0120
722	RETAIL BUYER	27	-0.0032	-0.0168	0.0088	0.0088	0.0128	0.0123	0.0162	0.0033	0.0087	0.0048
724	ADVERTISING	23	-0.0003	-0.0110	0.0100	0.0045	0.0210	0.0090	0.0011	0.0005	0.0143	0.0083
725	PUBLIC RELATIONS	17	0.0033	-0.0061	0.0153	0.0172	0.0158	0.0184	0.0108	0.0090	0.0276	0.0281
726	PERSONNEL ADMIN	21	0.0009	-0.0086	0.0030	0.0116	0.0119	0.0052	0.0169	-0.0008	0.0159	0.0110
727	APPRAISING/ESTIMATING	16	0.0064	-0.0005	0.0049	0.0094	0.0058	0.0106	-0.0029	0.0067	-0.0044	-0.0054
728	LOAN/CREDIT INVESTIG,	2	-0.0087	-0.0074	0.0030	-0.0001	-0.0004	-0.0068	-0.0056	-0.0122	-0.0081	-0.0073
730	BUS, MGMT, ADM (NEC)	26	0.0004	-0.0054	0.0080	0.0025	0.0030	0.0039	0.0074	0.0036	0.0062	0.0043
732	WHSL/RET TRADE MGMT/MKTG	17	-0.0108	-0.0114	0.0113	0.0070	0.0169	0.0131	0.0085	-0.0002	0.0112	0.0145
738	SUPERVISOR IN BUS	6	0.0008	0.0097	-0.0038	0.0070	0.0031	0.0163	0.0065	-0.0070	0.0048	0.0147
741	SALESCLERK	36	0.0082	0.0125	-0.0034	-0.0214	0.0044	-0.0053	-0.0034	-0.0186	-0.0198	-0.0199
743	STOCKBROKER	2	0.0008	0.0050	-0.0029	-0.0026	-0.0070	-0.0094	-0.0013	0.0001	-0.0132	-0.0073
745	REAL EST SLSMAN	5	-0.0077	-0.0096	-0.0039	0.0038	-0.0091	-0.0051	0.0069	0.0033	0.0086	-0.0128
746	INSURANCE SLSMAN	6	0.0094	-0.0085	0.0107	0.0113	0.0012	0.0104	0.0065	-0.0141	0.0164	0.0055
748	OTHER SLSMAN (NEC)	15	0.0014	-0.0035	0.0074	-0.0088	0.0048	0.0071	-0.0087	-0.0107	-0.0072	0.0008
751	BOOKKEEPER	100	-0.0095	0.0097	-0.0016	-0.0203	0.0025	-0.0112	-0.0248	-0.0109	-0.0289	-0.0189
752	TELLER OR BANK CLERK	32	-0.0036	0.0044	0.0075	0.0047	-0.0158	0.0048	0.0079	0.0033	0.0095	-0.0046
753	CASHIER	6	-0.0140	-0.0134	-0.0027	-0.0116	-0.0084	-0.0073	0.0003	0.0048	-0.0069	-0.0036
755	MISC ACCT RECDG	46	-0.0080	-0.0092	0.0001	-0.0108	0.0034	0.0010	-0.0025	-0.0044	-0.0129	-0.0022
756	KEYPUNCH OP	69	0.0190	0.0315	-0.0233	-0.0087	0.0059	-0.0127	-0.0103	-0.0128	-0.0173	-0.0091
757	KEYPUNCH INSTRUC	3	-0.0063	0.0022	-0.0154	-0.0031	0.0049	-0.0219	-0.0042	-0.0008	-0.0007	-0.0106
758	COMPUTER OP	57	-0.0037	0.0065	-0.0249	-0.0207	-0.0030	-0.0126	-0.0254	-0.0049	-0.0226	-0.0136
761	SECRETARY (NEC)	851	-0.0270	0.0023	0.0023	-0.0056	0.0100	-0.0161	-0.0044	0.0152	-0.0261	-0.0206
762	SECRETARY-BOOKKEEPER	26	-0.0161	-0.0125	0.0188	0.0039	0.0104	0.0025	0.0080	0.0150	0.0076	0.0097
763	MED/DENT SECRETARY	39	-0.0071	-0.0075	0.0087	0.0073	0.0056	0.0050	0.0024	-0.0018	0.0013	0.0021
764	LEGAL SECRETARY	45	-0.0156	-0.0002	0.0083	0.0067	-0.0111	0.0063	0.0088	0.0122	-0.0002	-0.0085
765	STENO, CRT REPRTR	48	-0.0009	0.0035	0.0070	-0.0044	-0.0082	0.0017	-0.0054	0.0045	-0.0060	-0.0012
766	TYPIST, CLRK TYPIST	68	-0.0099	0.0103	-0.0134	-0.0116	-0.0094	-0.0279	-0.0198	0.0039	-0.0238	-0.0183
769	CLERK (MISC)	99	-0.0082	0.0084	-0.0142	-0.0192	-0.0139	-0.0241	-0.0157	-0.0056	-0.0186	-0.0210
771	OFFICE SUPERVISOR	18	-0.0082	-0.0048	0.0037	0.0139	0.0163	0.0009	-0.0060	-0.0149	-0.0085	0.0004
772	OFFICE MANAGER	14	-0.0138	-0.0063	0.0130	0.0054	-0.0037	0.0033	-0.0059	0.0095	0.0136	0.0120
781	PHONE, PBX OP	21	0.0020	0.0143	0.0132	0.0024	0.0108	-0.0098	0.0022	0.0068	0.0074	0.0000
789	OTHER "PUB CONT" OCCS	38	-0.0078	0.0002	0.0045	-0.0026	-0.0011	-0.0062	-0.0166	-0.0063	-0.0119	-0.0020
791	RADIO, TELEGR, TELETYPE OP	6	0.0236	0.0147	0.0007	-0.0016	-0.0008	-0.0044	-0.0072	-0.0117	-0.0112	-0.0172
797	MISC CLERICAL	25	0.0082	0.0124	-0.0005	-0.0063	0.0191	0.0154	0.0025	-0.0030	0.0043	0.0037
798	MISC ADMINISTRATIVE	14	-0.0108	-0.0132	-0.0024	0.0036	0.0051	-0.0093	-0.0001	0.0141	0.0146	0.0060
810	ELECTRICIAN	2	-0.0128	-0.0036	0.0088	0.0123	0.0095	0.0060	-0.0056	0.0021	0.0120	0.0163
811	ELECTRONIC TECH	2	-0.0117	0.0040	-0.0009	-0.0001	-0.0070	-0.0094	-0.0143	-0.0061	-0.0056	0.0006
853	AUTO, BUS, TRUCK DRIVER	2	-0.0039	0.0040	-0.0125	-0.0125	0.0062	-0.0042	-0.0078	-0.0081	-0.0157	-0.0113
861	PRINTING TRADES	5	0.0089	0.0175	0.0169	0.0038	0.0077	0.0079	-0.0068	-0.0122	-0.0105	0.0022
864	DRAFTSMAN	4	0.0003	0.0037	-0.0123	0.0034	0.0134	-0.0024	0.0043	-0.0028	0.0116	-0.0048
865	PHOTOGRAPHY	11	0.0071	0.0060	0.0036	0.0067	-0.0024	0.0108	0.0048	0.0023	0.0018	-0.0045
866	INTERIOR DECORATOR	31	-0.0014	-0.0093	0.0067	0.0101	0.0042	0.0048	0.0024	0.0135	0.0187	0.0138
868	CLTHNG & FASHN TRADES	41	-0.0076	0.0067	-0.0059	-0.0210	0.0024	-0.0062	-0.0142	-0.0027	-0.0122	-0.0022
871	DIETITIAN	17	0.0072	-0.0042	-0.0013	0.0028	0.0101	0.0105	0.0041	0.0083	0.0172	0.0159
872	HOME ECONOMIST	35	0.0156	0.0055	0.0013	0.0184	-0.0105	0.0147	0.0156	0.0211	0.0269	0.0265
873	AIRLINE STEWARD, STEWARDESS	23	0.0036	-0.0119	-0.0083	-0.0043	0.0093	-0.0061	-0.0072	0.0005	-0.0191	0.0060
881	FOOD & BEVERAGE PREP	8	0.0017	0.0223	0.0001	-0.0126	-0.0009	-0.0072	-0.0058	0.0022	-0.0025	0.0031
891	MISC PERSONAL SERV	23	-0.0065	0.0135	-0.0146	-0.0160	0.0044	-0.0212	-0.0207	-0.0213	-0.0169	-0.0068
893	HAIRDRESSER	201	-0.0079	0.0194	-0.0042	-0.0101	-0.0084	-0.0217	-0.0244	-0.0090	-0.0245	-0.0265
894	PRACTICAL NURSE	168	0.0177	0.0219	-0.0182	-0.0203	-0.0062	-0.0169	-0.0130	-0.0111	-0.0307	-0.0125
895	NURSES' AIDE	17	0.0025	0.0148	-0.0200	-0.0271	-0.0115	-0.0185	-0.0153	-0.0199	-0.0225	-0.0098
899	GENERAL LABORER	62	0.0022	0.0322	-0.0100	-0.0214	-0.0054	-0.0191	-0.0204	-0.0288	-0.0341	-0.0145

TABLE 4.2 (continued)

			POINT BISERIAL CORRELATIONS									
			S.A.I. (CONTD)		STUDENT INFORMATION BLANK SCALES							
#	GROUP	N	SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS	SELF-PERCEP OF RDNG SKILLS
			R-609	R-610	D-802	F-803	P-820	F-822	F-823	P-827	P-828	P-829
000	NO ANSWER	1522	-0.0188	-0.0422	-0.0809	-0.0954	-0.0903	-0.0173	-0.0554	-0.0857	-0.0367	-0.0393
001	DON'T KNOW	166	-0.0118	-0.0177	0.0097	0.0076	-0.0045	-0.0239	-0.0263	-0.0220	0.0102	0.0097
010	HOUSEWIFE	6168	-0.0712	-0.1273	-0.2571	-0.2312	-0.1598	-0.0988	-0.0580	-0.1234	-0.1184	-0.1164
020	NO SPEC INCOME JOB	4	-0.0218	0.0021	-0.0071	-0.0095	-0.0075	0.0023	-0.0097	-0.0154	-0.0071	-0.0002
101	EXECUTIVE (NEC)	2	0.0113	0.0010	0.0007	-0.0015	-0.0033	0.0111	0.0059	-0.0002	-0.0060	-0.0027
102	FOREMAN (NEC)	2	-0.0015	-0.0128	-0.0107	0.0103	0.0031	0.0027	-0.0032	-0.0066	-0.0188	-0.0020
111	WORK FOR GOVT (NEC)	31	0.0032	0.0044	-0.0047	0.0041	0.0189	0.0117	-0.0057	-0.0057	-0.0037	0.0126
112	IN BUS FOR SELF (NEC)	33	0.0107	-0.0054	-0.0128	-0.0110	-0.0180	0.0092	0.0062	-0.0027	0.0011	-0.0030
120	IND, BUS, COMM (NEC)	26	0.0034	-0.0003	-0.0040	-0.0088	-0.0107	-0.0058	-0.0209	-0.0098	0.0021	-0.0049
121	RETAIL (NEC)	2	0.0006	0.0042	0.0007	0.0051	-0.0010	0.0090	-0.0041	0.0041	0.0037	0.0009
122	TRANSPORTATION (NEC)	6	0.0109	0.0035	-0.0054	-0.0071	0.0037	-0.0004	0.0081	0.0003	0.0079	0.0104
123	REAL ESTATE (NEC)	5	-0.0011	-0.0025	-0.0026	-0.0029	-0.0166	0.0163	0.0047	-0.0196	0.0016	-0.0063
124	INSURANCE (NEC)	7	0.0063	-0.0095	-0.0140	-0.0137	-0.0102	0.0071	-0.0007	-0.0058	0.0016	-0.0017
125	ELECTRONICS (NEC)	2	0.0027	0.0010	0.0007	-0.0098	-0.0010	0.0013	0.0059	-0.0034	0.0056	-0.0020
140	"WORK WITH PEOPLE" (NEC)	2	0.0049	0.0073	-0.0107	-0.0085	-0.0045	-0.0033	-0.0005	-0.0002	0.0056	0.0089
141	"WORK W CHILDREN" (NEC)	7	-0.0006	-0.0044	-0.0140	-0.0086	-0.0074	0.0126	0.0081	-0.0012	0.0009	-0.0111
211	MATH, STAT	20	0.0107	0.0175	0.0344	0.0376	0.0441	0.0026	0.0037	0.0272	0.0009	0.0115
221	SYSTEMS ANALYST	14	0.0016	0.0098	0.0189	0.0279	0.0305	0.0090	0.0022	0.0190	0.0049	0.0140
222	COMPUTER PROGRAMMER	53	0.0059	0.0120	0.0421	0.0564	0.0432	0.0091	0.0050	0.0184	0.0064	0.0065
229	COMPUTER SPEC (NEC)	4	-0.0052	-0.0083	0.0090	0.0035	0.0061	-0.0073	0.0102	0.0081	0.0070	0.0116
230	PHYSICAL SCI (NEC)	3	0.0051	-0.0014	0.0147	0.0107	0.0088	-0.0014	0.0028	0.0063	0.0074	-0.0030
231	CHEMIST	15	0.0013	0.0150	0.0329	0.0340	0.0354	0.0066	0.0141	0.0205	0.0095	0.0156
299	PHYS SCI, LAB TECH	29	-0.0047	-0.0024	0.0159	0.0015	0.0074	0.0011	-0.0034	0.0026	0.0008	-0.0027
310	BIOLOGIST, ZOOLOGIST	20	0.0141	0.0071	0.0308	0.0370	0.0266	-0.0054	0.0011	0.0113	0.0035	0.0292
315	PHARMACOLOGIST	4	-0.0127	-0.0023	0.0170	0.0224	0.0069	0.0018	-0.0020	0.0096	-0.0107	-0.0002
316	MICROBIOLOGIST	13	0.0171	0.0241	0.0262	0.0318	0.0393	-0.0115	-0.0007	0.0284	0.0214	0.0178
317	BIOCHEMIST	8	0.0258	0.0183	0.0240	0.0275	0.0205	0.0010	-0.0100	0.0168	0.0231	0.0106
319	OTHER CHEM SCI	3	-0.0106	0.0029	0.0147	0.0021	0.0112	0.0040	-0.0047	0.0046	0.0006	0.0023
329	MD-OTHER	8	0.0108	0.0120	0.0240	0.0240	0.0240	0.0029	0.0059	0.0205	0.0054	0.0179
333	VETERINARIAN	2	0.0006	0.0073	0.0120	0.0082	0.0113	0.0034	-0.0050	0.0105	0.0101	0.0046
335	PHARMACIST	14	0.0234	0.0310	0.0232	0.0265	0.0351	0.0090	0.0114	0.0243	0.0085	0.0179
337	RN	591	0.0288	0.0535	0.1304	0.1245	0.0639	0.0202	0.0594	0.0639	0.0370	0.0366
341	DENTAL HYGIENIST	32	-0.0066	0.0119	0.0311	0.0333	0.0195	0.0088	-0.0012	0.0191	-0.0163	0.0141
343	PHYSICAL THERAPIST	16	0.0161	-0.0002	0.0260	0.0300	0.0162	0.0092	0.0154	0.0139	0.0084	-0.0004
344	OCCUPATIONAL THERAP	13	0.0028	0.0253	0.0262	0.0216	0.0113	0.0052	0.0072	0.0187	0.0151	0.0172
346	SPEC THERAP (MISC)	15	0.0192	0.0193	0.0205	0.0266	0.0174	0.0167	0.0178	0.0087	0.0210	0.0150
347	MED/DENT TECHNOLOGIST	93	0.0062	0.0400	0.0588	0.0465	0.0504	0.0024	0.0091	0.0361	0.0135	0.0096
348	MED/DENT TECHNICIAN	138	0.0116	-0.0059	0.0151	0.0067	-0.0162	0.0290	0.0073	-0.0066	-0.0190	-0.0177
360	PSYCHOLOGIST	47	0.0354	0.0321	0.0443	0.0445	0.0402	0.0176	0.0094	0.0340	0.0326	0.0365
369	PSYCH RES ASST	3	-0.0019	-0.0031	0.0147	0.0128	0.0007	0.0100	0.0154	0.0028	-0.0026	-0.0012
370	SOCIAL WORKER	177	0.0187	0.0330	0.0760	0.0709	0.0327	0.0215	0.0218	0.0305	0.0346	0.0347
371	PSYCHIATRIC SOC WRKER	12	0.0050	0.0141	0.0248	0.0259	0.0221	0.0051	0.0055	0.0009	0.0043	-0.0039
372	COUNSELING/GUIDANCE	12	0.0024	0.0080	0.0202	0.0196	0.0098	0.0018	0.0077	0.0136	0.0019	0.0171
373	VOC/ED GUIDANCE	40	0.0219	0.0273	0.0385	0.0394	0.0328	0.0224	0.0214	0.0203	0.0220	0.0125
382	ECONOMIST	2	0.0177	0.0042	0.0120	0.0151	0.0049	0.0191	0.0041	0.0116	0.0185	0.0009
383	SOCIOLOGIST	2	-0.0037	-0.0096	0.0120	0.0064	-0.0004	0.0177	0.0059	-0.0055	-0.0008	-0.0085
384	ANTHROPOLOGIST	4	0.0054	0.0133	0.0170	0.0109	-0.0001	-0.0046	0.0038	0.0126	0.0043	0.0131
389	SOCIAL SCI (MISC)	6	0.0109	0.0139	0.0208	0.0247	0.0178	-0.0016	0.0144	0.0108	0.0034	0.0155
391	POLITICIAN	5	-0.0038	0.0022	-0.0026	0.0029	0.0025	0.0041	0.0030	0.0075	0.0235	0.0130
392	DIPLOMAT	3	-0.0001	0.0064	0.0054	0.0107	-0.0007	0.0085	0.0146	0.0081	-0.0005	-0.0072
393	LAWYER	11	0.0274	0.0136	0.0282	0.0344	0.0258	0.0074	0.0119	0.0122	0.0184	0.0242
394	MARKET ANALYST	3	0.0051	0.0021	0.0147	0.0175	0.0088	0.0182	0.0087	0.0055	-0.0015	-0.0024
398	CITY PLANNER (NEC)	3	0.0051	0.0107	0.0147	0.0143	0.0155	0.0097	0.0117	0.0081	0.0195	0.0154
400	TEACHER (NEC)	1326	0.0457	0.0824	0.2207	0.2049	0.1446	0.0585	0.0735	0.1109	0.0942	0.0909
410	TCHNG YNG CHILDREN	10	-0.0034	0.0074	0.0167	0.0145	0.0070	0.0005	0.0062	0.0087	0.0042	0.0063
411	TCHNG PRESCH CHILDREN	30	-0.0026	0.0145	0.0231	0.0204	0.0131	0.0143	0.0080	0.0015	-0.0035	0.0059
412	TEACHER-ELEM	616	0.0041	0.0327	0.1379	0.1198	0.0597	0.0217	0.0287	0.0631	0.0423	0.0359
420	TEACHER-HS (NEC)	81	0.0202	0.0189	0.0480	0.0440	0.0523	0.0216	0.0175	0.0346	0.0212	0.0269
421	TEACHER-HS MATH	36	0.0031	0.0338	0.0403	0.0424	0.0473	0.0234	0.0138	0.0357	-0.0027	-0.0015
422	TEACHER-HS SCIENCE	30	0.0173	0.0177	0.0378	0.0402	0.0294	-0.0005	0.0104	0.0262	0.0165	0.0252
423	TEACHER-HS SOC STUD	54	0.0102	0.0192	0.0472	0.0593	0.0346	0.0253	0.0292	0.0293	0.0163	0.0248
424	TEACHER-ENGLISH	132	0.0314	0.0397	0.0756	0.0710	0.0662	0.0271	0.0298	0.0435	0.0775	0.0500
425	TEACHER-FOREIGN LANG	46	-0.0011	0.0133	0.0387	0.0480	0.0447	0.0000	-0.0063	0.0211	0.0270	0.0184
426	TEACHER-COMM ED	57	0.0135	0.0241	-0.0146	-0.0106	0.0244	0.0085	0.0020	0.0175	0.0001	0.0040
427	TEACHER-HS HOME EC	68	0.0113	0.0339	0.0468	0.0246	0.0387	0.0209	0.0319	0.0316	0.0171	0.0110
428	TEACHER-TRADES	4	0.0054	-0.0106	0.0170	0.0168	0.0044	-0.0073	0.0128	-0.0033	0.0011	-0.0012
429	TEACHER-PHYS ED	59	-0.0000	0.0184	0.0339	0.0331	0.0130	0.0133	0.0099	0.0171	0.0006	-0.0015
431	TEACHER-ART	50	0.0099	0.0174	0.0374	0.0387	0.0215	0.0040	0.0065	0.0129	0.0257	0.0178
432	TEACHER-MUSIC	65	0.0104	0.0242	0.0347	0.0351	0.0349	0.0112	0.0088	0.0204	0.0332	0.0168
440	TEACHER-HANDICAPPED	70	0.0235	0.0237	0.0539	0.0507	0.0133	0.0201	0.0176	0.0177	0.0208	0.0236
441	SPEECH THERAPIST	39	-0.0009	0.0077	0.0454	0.0381	0.0105	0.0155	0.0089	0.0202	0.0145	0.0045
450	SCHOOL ADM (EXC COLL)	5	0.0098	0.0022	0.0118	0.0126	0.0084	0.0202	0.0162	0.0116	0.0125	0.0148
460	COLL/UNIV TCHR (NEC)	107	0.0351	0.0536	0.0710	0.0731	0.0561	0.0377	0.0223	0.0430	0.0552	0.0463
461	COLL/UNIV TCHR-MATH	10	0.0128	0.0320	0.0218	0.0294	0.0299	-0.0068	0.0010	0.0111	0.0209	0.0167
462	COLL/UNIV TCHR-SCIENCE	17	0.0212	0.0181	0.0351	0.0413	0.0455	0.0119	0.0003	0.0342	0.0230	0.0344
463	COLL/UNIV TCHR-SOC SCI	16	0.0108	0.0301	0.0300	0.0293	0.0343	0.0073	0.0182	0.0351	0.0320	0.0301
464	COLL/UNIV TCHR-ENGLISH	32	0.0190	0.0251	0.0367	0.0470	0.0534	0.0158	0.0210	0.0304	0.0330	0.0381
465	COLL/UNIV TCHR-FOR LANG	19	0.0119	0.0157	0.0260	0.0310	0.0352	0.0050	-0.0010	0.0226	0.0253	0.0168
470	COLL/UNIV TCHR-ADM	4	0.0069	0.0111	0.0170	0.0171	0.0143	0.0035	0.0096	0.0134	0.0161	0.0013
499	AUX JOBS IN EDUC	3	-0.0036	0.0072	-0.0038	-0.0054	-0.0002	0.0165	-0.0002	0.0011	-0.0083	-0.0024
511	LIBRARIAN	77	-0.0040	0.0116	0.0527	0.0401	0.0441	-0.0161	0.0065	0.0272	0.0189	0.0245
521	CLERGYMAN	7	0.0177	0.0182	-0.0018	0.0012	0.0113	0.0236	0.0212	0.0074	0.0129	0.0072
522	MONK, BROTHER, NUN	29	0.0004	0.0193	0.0368	0.0364	0.0243	0.0035	-0.0046	0.0243	0.0143	0.0028

TABLE 4.2 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			S.A.I. (CONTD)		STUDENT INFORMATION BLANK SCALES							
			SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS	SELF-PERCEP OF RDNG SKILLS
			R-609	R-610	D-802	F-803	P-820	F-822	F-823	P-827	P-828	P-829
523	RELIG WORKER (OTHER)	35	0.0079	0.0150	0.0041	0.0043	0.0152	-0.0005	-0.0058	0.0120	0.0026	-0.0020
531	WRITER (NEC)	28	0.0251	0.0201	0.0359	0.0325	0.0070	0.0089	0.0087	0.0128	0.0350	0.0157
532	FICTION WRITER	5	0.0016	0.0082	0.0118	0.0024	0.0022	0.0059	-0.0079	-0.0006	0.0195	0.0148
533	NONFIC WRTR (EXC JRNLIST)	5	-0.0024	0.0076	0.0118	0.0228	0.0180	0.0043	0.0093	0.0143	0.0203	0.0139
534	JOURNALIST/REPORTER	23	0.0074	0.0270	0.0374	0.0279	0.0093	0.0147	0.0049	0.0220	0.0437	0.0092
536	PUBLISHER, ETC.	4	0.0160	0.0059	0.0170	0.0193	0.0122	0.0095	-0.0000	0.0020	0.0179	0.0039
537	EDITOR	10	0.0138	0.0079	0.0116	0.0171	0.0239	0.0085	0.0176	0.0121	0.0215	0.0154
539	TRANSLAT, INTERPR, LINGST	13	0.0129	0.0058	0.0217	0.0237	0.0103	-0.0008	-0.0107	0.0048	0.0090	0.0149
541	FINE ARTS	42	0.0103	0.0133	0.0204	0.0183	0.0138	0.0170	0.0055	0.0137	0.0187	0.0122
545	COMM ARTIST	35	-0.0033	-0.0174	0.0014	-0.0036	-0.0055	0.0050	-0.0049	0.0012	0.0134	0.0083
547	DESIGNER (CONS GDS)	3	0.0016	0.0038	0.0147	0.0250	0.0093	0.0142	0.0072	-0.0033	0.0127	0.0124
551	MUSICIAN	7	0.0040	0.0154	0.0225	0.0202	0.0234	0.0084	-0.0036	0.0074	0.0194	0.0134
552	SINGER	13	0.0179	0.0054	0.0039	-0.0139	-0.0098	0.0078	-0.0035	-0.0061	0.0224	0.0081
559	MUSIC-RELATED (MISC)	2	0.0049	0.0052	0.0007	0.0055	0.0078	0.0149	0.0032	0.0116	0.0088	0.0147
560	DANCER, CHOREOG	12	0.0111	0.0015	-0.0077	-0.0029	-0.0007	0.0070	-0.0090	-0.0026	0.0017	-0.0016
571	ACTOR	8	-0.0009	0.0004	0.0127	0.0097	0.0024	-0.0116	-0.0055	-0.0073	0.0093	0.0044
572	THEATRICAL DIRECTING	2	0.0049	0.0084	0.0120	0.0130	-0.0033	0.0201	0.0141	0.0116	0.0024	-0.0027
575	THEATRE (OTHER)	11	0.0128	0.0041	0.0185	0.0161	-0.0050	0.0156	0.0099	0.0044	0.0206	0.0093
579	MISC PERF ARTS	3	-0.0019	0.0064	0.0054	0.0007	0.0022	-0.0071	-0.0010	0.0081	0.0011	0.0011
581	MODEL	8	-0.0009	-0.0102	-0.0101	-0.0042	-0.0191	-0.0030	-0.0050	-0.0105	0.0022	0.0070
611	PRO ATHLETE	2	0.0027	-0.0064	-0.0107	-0.0041	-0.0138	-0.0082	0.0013	0.0009	-0.0072	-0.0158
621	RECREATION DIR	8	-0.0041	-0.0028	0.0184	0.0062	-0.0133	0.0078	0.0072	-0.0164	0.0038	-0.0018
631	FARM/RANCH OWNER	3	-0.0019	-0.0126	-0.0038	-0.0022	-0.0164	0.0074	0.0020	-0.0111	0.0001	0.0035
639	FARMING (OTHER)	4	0.0190	0.0096	-0.0071	-0.0080	-0.0034	0.0218	0.0147	0.0013	-0.0080	-0.0038
661	POLICE (PUBLIC)	5	-0.0038	-0.0085	-0.0169	-0.0106	-0.0126	0.0103	0.0099	-0.0250	-0.0111	-0.0261
711A	BANKING & FINANCE, I	13	-0.0064	0.0075	-0.0095	-0.0104	0.0092	-0.0024	0.0132	0.0107	-0.0081	0.0010
711B	BANKING & FINANCE, II	3	-0.0054	-0.0040	0.0054	-0.0064	-0.0002	0.0071	0.0220	-0.0103	0.0037	-0.0078
716	CPA	8	-0.0052	-0.0049	0.0127	0.0253	-0.0048	0.0059	0.0031	-0.0041	-0.0122	-0.0076
717	ACCTANT (EXC CPA)	87	-0.0107	0.0076	-0.0121	-0.0077	0.0088	-0.0045	0.0002	-0.0053	-0.0124	-0.0020
721	PURCHASING AGENT	3	0.0069	0.0064	0.0054	0.0078	0.0117	-0.0032	-0.0091	0.0203	-0.0015	0.0160
722	RETAIL BUYER	27	0.0025	0.0033	0.0132	0.0135	0.0028	0.0109	0.0107	0.0056	-0.0028	-0.0001
724	ADVERTISING	23	0.0163	0.0139	0.0139	0.0170	0.0112	0.0201	0.0068	-0.0004	0.0204	0.0212
725	PUBLIC RELATIONS	17	0.0036	0.0221	0.0195	0.0218	0.0124	0.0100	0.0115	0.0089	0.0173	0.0087
726	PERSONNEL ADMIN	21	0.0102	0.0143	0.0214	0.0177	0.0129	0.0141	-0.0039	0.0198	0.0125	0.0214
727	APPRAISING/ESTIMATING	16	0.0048	0.0009	0.0018	0.0050	0.0055	0.0110	0.0109	0.0033	0.0150	0.0029
728	LOAN/CREDIT INVESTIG	2	0.0049	-0.0032	-0.0107	-0.0128	-0.0109	-0.0106	-0.0087	0.0030	-0.0085	-0.0092
730	BUS, MGMT, ADM (NEC)	26	0.0105	0.0041	0.0118	0.0051	0.0051	0.0062	-0.0070	0.0166	0.0108	0.0112
732	WHSL/RET TRADE MGMT/MKTG	17	0.0197	0.0123	-0.0001	0.0071	0.0112	-0.0019	-0.0100	-0.0022	0.0042	0.0082
738	SUPERVISOR IN BUS	6	0.0122	0.0048	-0.0186	-0.0058	-0.0124	0.0151	-0.0040	-0.0195	-0.0107	-0.0047
741	SALESCLERK	36	-0.0045	-0.0158	-0.0294	-0.0306	-0.0315	-0.0093	-0.0055	-0.0293	-0.0165	-0.0240
743	STOCKBROKER	2	-0.0079	-0.0032	-0.0107	-0.0085	0.0223	0.0041	0.0032	0.0084	0.0075	-0.0071
745	REAL EST SLSMAN	5	0.0084	0.0029	-0.0026	-0.0090	-0.0085	-0.0114	0.0001	-0.0128	-0.0172	-0.0045
746	INSURANCE SLSMAN	6	0.0122	0.0072	0.0011	-0.0053	-0.0030	0.0052	0.0039	-0.0176	-0.0107	-0.0068
748	OTHER SLSMAN (NEC)	15	-0.0050	-0.0004	-0.0086	-0.0064	-0.0262	-0.0048	0.0088	-0.0230	-0.0144	-0.0089
751	BOOKKEEPER	100	-0.0032	-0.0086	-0.0470	-0.0430	-0.0085	-0.0155	-0.0077	-0.0138	-0.0226	-0.0062
752	TELLER OR BANK CLERK	32	-0.0082	-0.0035	-0.0230	-0.0227	-0.0111	-0.0015	-0.0010	-0.0087	-0.0176	-0.0124
753	CASHIER	6	0.0109	-0.0038	-0.0054	-0.0058	0.0017	-0.0109	-0.0045	0.0009	0.0042	-0.0017
755	MISC ACCT RECDG	46	-0.0073	-0.0169	-0.0206	-0.0249	-0.0154	0.0025	0.0005	-0.0105	-0.0187	-0.0042
756	KEYPUNCH OP	69	-0.0079	-0.0150	-0.0320	-0.0292	-0.0243	-0.0035	-0.0133	-0.0117	-0.0178	-0.0142
757	KEYPUNCH INSTRUC	3	-0.0054	0.0021	-0.0038	-0.0022	-0.0038	0.0108	0.0005	-0.0006	-0.0005	-0.0066
758	COMPUTER OP	57	-0.0069	-0.0215	-0.0360	-0.0263	-0.0152	-0.0031	-0.0137	-0.0183	-0.0198	0.0009
761	SECRETARY (NEC)	851	-0.0140	-0.0057	-0.1044	-0.0951	-0.0228	-0.0118	-0.0274	0.0011	-0.0115	0.0014
762	SECRETARY-BOOKKEEPER	26	0.0224	0.0088	-0.0134	-0.0154	0.0076	-0.0038	-0.0063	0.0059	0.0042	0.0131
763	MED/DENT SECRETARY	39	0.0025	0.0048	0.0067	-0.0067	-0.0126	0.0240	0.0173	-0.0040	-0.0004	-0.0028
764	LEGAL SECRETARY	45	-0.0045	0.0080	-0.0221	-0.0183	0.0061	0.0059	0.0074	0.0111	0.0174	0.0061
765	STENO, CRT REPRTR	48	0.0021	0.0018	-0.0340	-0.0250	0.0046	-0.0104	-0.0061	0.0000	-0.0025	0.0065
766	TYPIST, CLRK TYPIST	68	-0.0056	-0.0142	-0.0294	-0.0214	-0.0180	-0.0102	-0.0229	-0.0119	-0.0122	-0.0025
769	CLERK (MISC)	99	-0.0104	-0.0238	-0.0432	-0.0473	-0.0191	-0.0042	-0.0009	-0.0172	-0.0168	-0.0218
771	OFFICE SUPERVISOR	18	0.0040	-0.0002	-0.0132	-0.0130	-0.0141	0.0015	0.0101	-0.0023	-0.0181	-0.0132
772	OFFICE MANAGER	14	-0.0024	0.0054	-0.0026	-0.0126	-0.0028	0.0024	-0.0088	0.0016	0.0095	-0.0030
781	PHONE, PBX OP	21	-0.0016	-0.0037	-0.0207	-0.0206	-0.0171	0.0047	-0.0009	-0.0176	-0.0124	-0.0113
789	OTHER "PUB CONT" OCCS	38	-0.0096	-0.0079	-0.0233	-0.0101	-0.0165	-0.0095	0.0015	-0.0072	0.0050	-0.0099
791	RADIO, TELEGR, TELETYPE OP	6	-0.0137	-0.0111	-0.0120	-0.0063	-0.0080	0.0050	-0.0071	-0.0077	-0.0159	-0.0034
797	MISC CLERICAL	25	0.0146	-0.0022	-0.0057	-0.0151	-0.0032	-0.0111	-0.0147	-0.0111	-0.0032	0.0113
798	MISC ADMINISTRATIVE	14	0.0040	0.0122	0.0146	0.0148	0.0089	0.0073	-0.0081	0.0093	0.0042	0.0085
810	ELECTRICIAN	2	-0.0037	-0.0022	-0.0107	-0.0102	-0.0045	0.0152	-0.0087	-0.0098	0.0011	0.0053
811	ELECTRONIC TECH	2	-0.0101	-0.0085	-0.0107	-0.0181	-0.0039	-0.0071	0.0022	-0.0066	-0.0092	-0.0027
853	AUTO, BUS, TRUCK DRIVER	2	0.0070	-0.0117	0.0007	-0.0093	-0.0155	-0.0131	0.0068	-0.0152	-0.0117	-0.0092
861	PRINTING TRADES	5	-0.0078	-0.0091	-0.0098	-0.0062	-0.0148	-0.0085	0.0053	-0.0230	-0.0058	0.0006
864	DRAFTSMAN	4	-0.0127	-0.0061	0.0009	-0.0117	-0.0092	0.0048	-0.0161	-0.0071	-0.0039	-0.0090
865	PHOTOGRAPHY	11	0.0019	-0.0094	-0.0009	-0.0040	-0.0008	-0.0114	-0.0036	-0.0066	0.0003	0.0134
866	INTERIOR DECORATOR	31	0.0070	0.0122	0.0069	0.0061	-0.0081	0.0169	0.0045	-0.0011	-0.0004	-0.0061
868	CLTHNG & FASHN TRADES	41	-0.0050	-0.0033	-0.0084	-0.0091	-0.0123	-0.0020	-0.0143	-0.0118	-0.0148	-0.0102
871	DIETITIAN	17	0.0058	0.0112	0.0351	0.0221	0.0236	-0.0019	0.0062	0.0181	0.0089	0.0134
872	HOME ECONOMIST	35	0.0084	0.0228	0.0286	0.0095	0.0205	0.0030	0.0118	0.0227	0.0261	0.0057
873	AIRLINE STEWARD, STEWARDESS	23	-0.0102	-0.0201	-0.0062	0.0016	-0.0154	0.0008	0.0087	-0.0064	-0.0149	-0.0133
881	FOOD & BEVERAGE PREP	8	-0.0063	-0.0049	-0.0157	-0.0169	-0.0214	-0.0132	-0.0114	-0.0057	-0.0158	-0.0090
891	MISC PERSONAL SERV	23	-0.0077	-0.0210	-0.0196	-0.0160	-0.0201	-0.0008	-0.0136	-0.0355	-0.0176	-0.0200
893	HAIRDRESSER	201	-0.0257	-0.0343	-0.0636	-0.0693	-0.0581	-0.0019	-0.0349	-0.0544	-0.0544	-0.0597
894	PRACTICAL NURSE	168	-0.0222	-0.0205	-0.0227	-0.0116	-0.0447	0.0102	-0.0124	-0.0129	-0.0316	-0.0235
895	NURSES' AIDE	17	-0.0074	-0.0145	-0.0157	-0.0182	-0.0228	-0.0023	-0.0156	-0.0102	-0.0092	-0.0140
899	GENERAL LABORER	62	-0.0127	-0.0288	-0.0536	-0.0522	-0.0435	-0.0184	-0.0267	-0.0418	-0.0244	-0.0196

TABLE 4.2 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS								
			STUDENT INFORMATION BLANK SCALES (CONTD.)								
			AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
000	NO ANSWER	1522	-0.0090	-0.0085	-0.0231	-0.0086	-0.0034	-0.0235	-0.0148	-0.0040	0.0142
001	DON'T KNOW	166	0.0257	-0.0130	-0.0199	-0.0163	-0.0246	-0.0102	-0.0243	-0.0293	-0.0055
010	HOUSEWIFE	6168	-0.1121	-0.1126	-0.1274	-0.0558	-0.0551	-0.0310	-0.0646	0.1113	0.0267
020	NO SPEC INCOME JOB	4	0.0025	-0.0018	-0.0096	0.0028	-0.0034	0.0005	-0.0206	-0.0005	0.0027
101	EXECUTIVE (NEC)	2	0.0105	0.0050	0.0083	0.0041	0.0102	0.0020	0.0017	-0.0025	0.0045
102	FOREMAN (NEC)	2	-0.0081	-0.0066	-0.0106	-0.0075	-0.0068	-0.0147	-0.0008	-0.0148	-0.0048
111	WORK FOR GOVT (NEC)	31	0.0122	0.0025	-0.0033	-0.0054	-0.0071	-0.0063	0.0042	-0.0025	0.0041
112	IN BUS FOR SELF (NEC)	33	-0.0012	0.0086	0.0084	0.0147	0.0134	0.0136	0.0099	0.0138	0.0065
120	IND, BUS, COMM (NEC)	26	-0.0014	0.0000	-0.0028	-0.0103	-0.0080	0.0069	0.0033	-0.0108	0.0030
121	RETAIL (NEC)	2	0.0078	0.0018	0.0043	0.0090	0.0096	-0.0002	0.0033	0.0073	0.0087
122	TRANSPORTATION (NEC)	6	0.0039	0.0050	0.0041	-0.0026	-0.0053	-0.0043	0.0017	-0.0126	-0.0020
123	REAL ESTATE (NEC)	5	-0.0024	-0.0001	-0.0024	-0.0058	-0.0053	-0.0011	-0.0011	0.0128	-0.0031
124	INSURANCE (NEC)	7	-0.0009	-0.0155	-0.0138	-0.0089	-0.0075	0.0008	-0.0098	0.0004	0.0093
125	ELECTRONICS (NEC)	2	-0.0011	0.0018	-0.0006	-0.0050	0.0014	-0.0013	0.0000	0.0052	0.0045
140	"WORK WITH PEOPLE" (NEC)	2	0.0070	0.0144	0.0260	0.0016	0.0061	0.0009	0.0071	0.0014	0.0062
141	"WORK W CHILDREN" (NEC)	7	-0.0038	0.0120	0.0108	0.0149	0.0075	-0.0004	0.0082	-0.0042	0.0079
211	MATH, STAT	20	0.0043	-0.0007	0.0020	0.0103	-0.0049	0.0225	0.0137	0.0008	-0.0150
221	SYSTEMS ANALYST	14	0.0053	-0.0011	-0.0011	0.0020	-0.0044	0.0019	0.0074	-0.0144	-0.0006
222	COMPUTER PROGRAMMER	53	0.0097	0.0053	0.0050	0.0060	0.0101	0.0057	0.0084	0.0015	-0.0026
229	COMPUTER SPEC (NEC)	4	0.0149	0.0137	0.0054	0.0026	0.0004	-0.0003	-0.0041	0.0071	0.0004
230	PHYSICAL SCI (NEC)	3	0.0071	-0.0067	-0.0060	-0.0075	-0.0004	-0.0021	-0.0007	0.0001	-0.0069
231	CHEMIST	15	0.0068	0.0130	0.0137	0.0102	0.0102	-0.0039	-0.0039	-0.0183	-0.0041
299	PHYS SCI, LAB TECH	29	0.0010	0.0049	0.0045	0.0253	0.0198	0.0216	0.0023	-0.0103	-0.0005
310	BIOLOGIST, ZOOLOGIST	20	0.0118	0.0078	0.0056	0.0111	0.0051	0.0049	-0.0062	-0.0024	-0.0153
315	PHARMACOLOGIST	4	0.0078	-0.0085	-0.0065	-0.0056	-0.0050	0.0012	-0.0047	-0.0152	-0.0068
316	MICROBIOLOGIST	13	0.0115	-0.0017	0.0063	-0.0101	0.0001	0.0073	0.0060	-0.0008	-0.0052
317	BIOCHEMIST	8	0.0145	-0.0042	0.0009	0.0012	0.0075	0.0062	-0.0027	-0.0117	-0.0080
319	OTHER CHEM SCI	3	0.0051	0.0087	0.0128	0.0118	0.0135	0.0006	-0.0024	-0.0274	0.0103
329	MD-OTHER	8	0.0151	0.0005	-0.0016	0.0195	0.0154	0.0173	0.0102	-0.0171	0.0026
333	VETERINARIAN	2	-0.0065	-0.0041	-0.0014	-0.0005	0.0020	-0.0002	-0.0025	0.0035	-0.0082
335	PHARMACIST	14	0.0248	0.0041	0.0026	0.0077	0.0210	-0.0006	-0.0019	-0.0188	-0.0067
337	RN	591	0.0381	0.0246	0.0395	0.0171	0.0206	0.0331	0.0278	-0.0361	0.0228
341	DENTAL HYGIENIST	32	-0.0035	0.0088	0.0113	0.0020	-0.0038	0.0144	0.0070	-0.0067	-0.0007
343	PHYSICAL THERAPIST	16	0.0025	0.0118	0.0152	0.0154	0.0020	0.0123	0.0115	0.0113	-0.0029
344	OCCUPATIONAL THERAP	13	0.0120	0.0134	0.0142	0.0186	0.0233	0.0060	0.0085	-0.0018	0.0025
346	SPEC THERAP (MISC)	15	0.0229	0.0090	0.0167	0.0217	0.0068	0.0099	0.0117	0.0006	0.0132
347	MED/DENT TECHNOLOGIST	93	0.0050	0.0116	0.0127	0.0189	0.0125	0.0076	-0.0092	-0.0249	-0.0048
348	MED/DENT TECHNICIAN	138	-0.0035	0.0227	0.0201	0.0350	0.0313	0.0105	0.0153	0.0013	0.0088
360	PSYCHOLOGIST	47	0.0385	0.0144	0.0167	0.0153	0.0070	0.0207	0.0052	0.0068	0.0013
369	PSYCH RES ASST	3	0.0002	0.0189	0.0128	0.0195	0.0072	0.0034	-0.0061	0.0005	-0.0014
370	SOCIAL WORKER	177	0.0306	0.0378	0.0447	0.0034	0.0008	0.0058	0.0126	-0.0111	-0.0207
371	PSYCHIATRIC SOC WRKER	12	0.0151	0.0094	0.0104	0.0019	0.0033	-0.0042	0.0061	0.0041	-0.0008
372	COUNSELING/GUIDANCE	12	0.0200	0.0119	0.0165	-0.0041	-0.0070	0.0076	0.0134	0.0080	-0.0046
373	VOC/ED GUIDANCE	40	0.0188	0.0041	0.0180	0.0054	0.0022	-0.0008	0.0050	-0.0009	-0.0131
382	ECONOMIST	2	0.0184	0.0028	0.0026	-0.0050	-0.0027	0.0187	0.0079	-0.0020	-0.0014
383	SOCIOLOGIST	2	-0.0033	0.0050	0.0123	0.0087	0.0131	0.0243	0.0183	-0.0059	0.0045
384	ANTHROPOLOGIST	4	0.0082	-0.0016	-0.0008	-0.0041	-0.0017	0.0036	-0.0047	0.0022	-0.0026
389	SOCIAL SCI (MISC)	6	0.0050	-0.0004	0.0036	-0.0053	-0.0022	-0.0036	0.0019	-0.0028	-0.0113
391	POLITICIAN	5	0.0133	-0.0021	-0.0042	-0.0192	-0.0175	-0.0095	0.0026	-0.0025	-0.0095
392	DIPLOMAT	3	0.0048	0.0163	0.0203	0.0121	0.0139	-0.0085	-0.0014	-0.0159	-0.0014
393	LAWYER	11	0.0171	0.0117	0.0175	0.0156	0.0045	0.0218	0.0021	0.0097	-0.0025
394	MARKET ANALYST	3	0.0097	0.0061	0.0141	0.0250	0.0201	0.0197	0.0081	0.0071	-0.0035
398	CITY PLANNER (NEC)	3	0.0230	0.0112	0.0065	0.0078	0.0006	0.0070	-0.0081	-0.0027	-0.0021
400	TEACHER (NEC)	1326	0.0531	0.0788	0.0913	0.0233	0.0146	0.0310	0.0542	-0.0240	-0.0431
410	TCHNG YNG CHILDREN	10	0.0111	0.0139	0.0147	-0.0013	0.0040	-0.0065	0.0151	-0.0028	0.0096
411	TCHNG PRESCH CHILDREN	40	0.0096	0.0109	0.0170	0.0178	0.0213	0.0063	0.0096	-0.0029	-0.0032
412	TEACHER-ELEM	616	0.0047	0.0427	0.0527	0.0102	0.0143	0.0083	0.0387	-0.0351	-0.0194
420	TEACHER-HS (NEC)	51	0.0233	0.0159	0.0157	-0.0007	-0.0042	0.0038	0.0207	-0.0052	-0.0077
421	TEACHER-HS MATH	36	0.0026	0.0063	0.0099	0.0077	-0.0023	0.0011	0.0089	-0.0272	-0.0127
422	TEACHER-HS SCIENCE	30	0.0102	0.0047	0.0060	0.0079	0.0143	0.0083	0.0035	-0.0229	-0.0058
423	TEACHER-HS SOC STUD	54	0.0432	0.0117	0.0151	-0.0031	0.0007	0.0033	0.0112	0.0074	0.0002
424	TEACHER-ENGLISH	132	0.0475	0.0355	0.0401	0.0024	-0.0024	0.0061	0.0282	0.0020	-0.0122
425	TEACHER-FOREIGN LANG	46	0.0128	0.0023	0.0030	0.0122	0.0016	-0.0018	0.0040	-0.0120	-0.0136
426	TEACHER-COMM ED	57	-0.0076	0.0054	0.0044	0.0023	-0.0072	0.0052	0.0034	-0.0028	-0.0078
427	TEACHER-HS HOME EC	68	0.0051	0.0218	0.0295	0.0284	0.0349	0.0107	0.0128	-0.0033	0.0070
428	TEACHER-TRADES	4	0.0052	-0.0063	-0.0096	0.0008	0.0012	-0.0043	0.0018	-0.0074	-0.0032
429	TEACHER-PHYS ED	59	-0.0018	0.0151	0.0186	0.0157	0.0057	0.0729	0.0340	-0.0063	0.0027
431	TEACHER-ART	50	0.0171	0.0037	0.0062	0.0176	0.0267	0.0107	0.0081	-0.0080	-0.0106
432	TEACHER-MUSIC	65	0.0154	0.0288	0.0368	0.0188	0.0271	-0.0078	0.0203	-0.0114	-0.0171
440	TEACHER-HANDICAPPED	70	0.0201	0.0222	0.0254	0.0093	0.0060	0.0116	0.0167	0.0098	0.0051
441	SPEECH THERAPIST	39	0.0090	0.0220	0.0235	0.0091	0.0043	0.0204	0.0185	0.0063	-0.0046
450	SCHOOL ADM (EXC COLL)	5	0.0027	0.0059	0.0108	0.0059	0.0087	0.0165	0.0026	0.0090	-0.0100
460	COLL/UNIV TCHR (NEC)	107	0.0533	0.0340	0.0484	0.0196	0.0236	0.0197	0.0065	-0.0184	-0.0211
461	COLL/UNIV TCHR-MATH	10	0.0122	0.0041	0.0016	0.0241	0.0288	0.0169	0.0121	-0.0057	0.0028
462	COLL/UNIV TCHR-SCIENCE	17	0.0326	0.0210	0.0226	0.0247	0.0225	0.0081	0.0150	0.0095	0.0055
463	COLL/UNIV TCHR-SOC SCI	16	0.0361	0.0211	0.0270	0.0080	0.0084	0.0056	0.0143	0.0006	-0.0050
464	COLL/UNIV TCHR-ENGLISH	32	0.0423	0.0189	0.0235	0.0174	0.0135	0.0175	0.0062	-0.0062	-0.0077
465	COLL/UNIV TCHR-FOR LANG	19	0.0107	0.0153	0.0113	-0.0054	-0.0012	0.0047	-0.0013	0.0022	-0.0109
470	COLL/UNIV TCHR-ADM	4	-0.0008	0.0070	0.0103	0.0026	0.0033	-0.0035	0.0079	0.0071	-0.0062
499	AUX JOBS IN EDUC	3	0.0002	0.0046	0.0036	-0.0017	-0.0066	-0.0103	-0.0064	-0.0121	0.0007
511	LIBRARIAN	77	0.0304	-0.0023	0.0011	-0.0167	-0.0193	-0.0142	-0.0064	-0.0237	-0.0250
521	CLERGYMAN	7	0.0192	0.0043	0.0017	0.0123	0.0088	-0.0022	-0.0018	-0.0108	0.0007
522	MONK, BROTHER, NUN	29	0.0009	-0.0015	0.0006	-0.0066	-0.0078	-0.0041	-0.0096	-0.0351	0.0115

TABLE 4.2 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS								
			STUDENT INFORMATION BLANK SCALES (CONTD.)								
			AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
523	RELIG WORKER (OTHER)	35	0.0027	-0.0140	-0.0052	-0.0113	0.0036	-0.0050	0.0080	-0.0339	0.0234
531	WRITER (NEC)	28	0.0319	0.0195	0.0250	0.0132	0.0207	0.0158	0.0131	-0.0057	-0.0194
532	FICTION WRITER	5	-0.0057	0.0039	0.0044	0.0088	0.0047	0.0053	0.0050	-0.0190	-0.0090
533	NONFIC WRTR (EXC JRNLIST)	5	0.0310	0.0098	0.0029	0.0031	0.0043	-0.0046	0.0113	-0.0144	0.0066
534	JOURNALIST/REPORTER	23	0.0244	0.0195	0.0226	0.0057	0.0089	0.0117	0.0026	-0.0131	0.0065
536	PUBLISHER, ETC.	4	0.0149	0.0159	0.0151	0.0093	0.0124	0.0052	0.0073	0.0037	-0.0038
537	EDITOR	10	0.0097	0.0041	0.0074	-0.0040	-0.0039	-0.0075	-0.0050	-0.0067	-0.0097
539	TRANSLAT, INTERPR, LINGST	13	-0.0010	0.0071	0.0044	0.0068	0.0001	-0.0041	0.0003	-0.0033	-0.0195
541	FINE ARTS	42	0.0187	0.0182	0.0185	0.0310	0.0380	0.0062	0.0188	0.0034	-0.0055
545	COMM ARTIST	35	0.0046	-0.0010	-0.0018	0.0324	0.0296	0.0089	0.0012	0.0014	-0.0015
547	DESIGNER (CONS GDS)	3	0.0203	0.0035	0.0029	0.0118	0.0135	0.0133	-0.0054	0.0053	-0.0125
551	MUSICIAN	7	0.0121	0.0127	0.0168	0.0046	0.0091	-0.0064	-0.0009	-0.0019	0.0075
552	SINGER	13	0.0044	0.0180	0.0189	0.0107	0.0107	-0.0058	-0.0170	0.0024	-0.0025
559	MUSIC-RELATED (MISC)	2	0.0170	0.0081	0.0095	-0.0054	-0.0032	-0.0069	0.0083	0.0022	-0.0065
560	DANCER, CHOREOG.	12	-0.0042	0.0122	0.0188	0.0102	0.0238	0.0022	0.0100	0.0133	0.0034
571	ACTOR	8	0.0004	0.0046	0.0045	0.0019	-0.0050	0.0007	0.0083	-0.0066	-0.0177
572	THEATRICAL DIRECTING	2	0.0216	0.0175	0.0195	0.0182	0.0090	-0.0036	0.0042	0.0061	0.0087
575	THEATRE (OTHER)	11	-0.0026	0.0040	0.0041	0.0003	0.0017	0.0014	0.0074	-0.0001	-0.0046
579	MISC PERF ARTS	3	-0.0069	-0.0042	-0.0027	-0.0032	-0.0066	-0.0039	-0.0122	-0.0232	-0.0049
581	MODEL	8	-0.0052	-0.0183	-0.0169	0.0014	0.0043	0.0240	0.0010	0.0059	-0.0118
611	PRO ATHLETE	2	0.0008	-0.0044	-0.0014	0.0182	0.0202	0.0042	-0.0079	0.0043	-0.0014
621	RECREATION DIR	8	-0.0072	0.0041	-0.0052	0.0153	0.0073	-0.0021	0.0042	-0.0049	-0.0088
631	FARM/RANCH OWNER	3	-0.0009	-0.0067	-0.0109	-0.0040	-0.0004	-0.0012	0.0017	-0.0037	0.0062
639	FARMING (OTHER)	4	0.0164	0.0048	0.0111	0.0178	0.0297	0.0162	0.0150	0.0122	0.0105
661	POLICE (PUBLIC)	5	-0.0034	-0.0100	-0.0096	0.0015	-0.0005	0.0039	0.0024	-0.0028	0.0076
711A	BANKING & FINANCE, I	13	-0.0033	0.0032	0.0126	0.0088	0.0072	0.0143	0.0052	-0.0096	0.0098
711B	BANKING & FINANCE, II	3	-0.0066	0.0061	0.0088	0.0060	0.0101	0.0106	0.0068	0.0078	-0.0021
716	CPA	8	0.0090	0.0037	0.0059	0.0144	0.0125	0.0084	0.0008	-0.0049	0.0145
717	ACCTANT (EXC CPA)	87	0.0149	-0.0085	-0.0055	0.0053	-0.0028	-0.0073	-0.0020	-0.0033	0.0120
721	PURCHASING AGENT	3	-0.0097	-0.0067	-0.0030	-0.0034	0.0006	-0.0012	0.0031	0.0039	0.0048
722	RETAIL BUYER	27	0.0012	0.0065	0.0087	-0.0051	0.0073	-0.0015	-0.0010	-0.0024	0.0022
724	ADVERTISING	23	0.0222	0.0002	0.0049	0.0151	0.0186	0.0114	0.0021	0.0080	0.0050
725	PUBLIC RELATIONS	17	0.0077	0.0112	0.0076	0.0065	0.0009	0.0066	0.0171	0.0083	-0.0119
726	PERSONNEL ADMIN	21	0.0077	0.0146	0.0175	0.0206	0.0185	0.0096	-0.0036	0.0004	0.0020
727	APPRAISING/ESTIMATING	16	0.0066	-0.0091	-0.0042	0.0060	0.0086	-0.0003	-0.0023	0.0054	-0.0005
728	LOAN/CREDIT INVESTIG	2	-0.0076	-0.0107	-0.0086	-0.0075	-0.0126	-0.0125	0.0066	-0.0071	0.0003
730	BUS, MGMT, ADM (NEC)	26	0.0015	0.0029	-0.0007	0.0090	-0.0020	-0.0045	0.0035	-0.0137	0.0115
732	WHSL/RET TRADE MGMT/MKTG	17	-0.0009	0.0070	0.0055	-0.0057	-0.0031	0.0073	0.0118	0.0052	0.0026
738	SUPERVISOR IN BUS	6	-0.0005	-0.0041	-0.0045	0.0043	0.0028	0.0035	-0.0012	0.0095	0.0131
741	SALESCLERK	36	-0.0196	-0.0116	-0.0160	-0.0086	-0.0117	-0.0128	0.0024	-0.0007	0.0029
743	STOCKBROKER	2	-0.0130	-0.0007	0.0002	-0.0005	-0.0015	-0.0013	-0.0129	0.0026	-0.0150
745	REAL EST SLSMAN	5	-0.0007	-0.0100	-0.0068	-0.0147	-0.0175	-0.0102	0.0100	0.0115	0.0124
746	INSURANCE SLSMAN	6	-0.0013	0.0014	0.0055	-0.0099	-0.0104	0.0035	0.0086	0.0075	0.0151
748	OTHER SLSMAN (NEC)	15	-0.0132	-0.0057	-0.0072	-0.0058	0.0006	-0.0120	-0.0070	0.0043	-0.0072
751	BOOKKEEPER	100	-0.0057	-0.0129	-0.0129	-0.0019	-0.0031	-0.0042	-0.0198	-0.0177	0.0055
752	TELLER OR BANK CLERK	32	-0.0181	0.0160	0.0162	0.0173	0.0109	-0.0020	0.0138	-0.0149	0.0067
753	CASHIER	6	-0.0047	-0.0057	-0.0080	-0.0075	-0.0083	-0.0049	-0.0091	0.0075	0.0039
755	MISC ACCT RECDG	46	-0.0060	-0.0047	-0.0139	-0.0027	-0.0114	0.0068	0.0040	0.0055	-0.0066
756	KEYPUNCH OP	69	-0.0120	-0.0098	-0.0120	0.0092	0.0124	-0.0015	-0.0070	-0.0256	0.0072
757	KEYPUNCH INSTRUC	3	-0.0126	-0.0067	-0.0063	-0.0129	-0.0076	0.0034	0.0156	-0.0030	0.0214
758	COMPUTER OP	57	-0.0081	-0.0223	-0.0219	-0.0129	-0.0151	-0.0065	-0.0078	-0.0106	0.0170
761	SECRETARY (NEC)	851	-0.0212	-0.0242	-0.0289	-0.0392	-0.0304	-0.0244	-0.0205	-0.0155	-0.0154
762	SECRETARY-BOOKKEEPER	26	0.0034	-0.0074	-0.0108	-0.0094	-0.0088	-0.0067	-0.0146	0.0225	0.0054
763	MED/DENT SECRETARY	39	0.0035	0.0111	0.0115	0.0025	-0.0009	0.0088	-0.0026	0.0029	0.0194
764	LEGAL SECRETARY	45	-0.0157	-0.0034	-0.0035	-0.0035	0.0067	-0.0023	-0.0047	-0.0006	0.0065
765	STENO, CRT REPRTR	48	-0.0065	-0.0070	-0.0067	-0.0047	-0.0068	-0.0107	-0.0006	-0.0004	-0.0003
766	TYPIST, CLRK TYPIST	68	-0.0023	-0.0117	-0.0124	-0.0213	-0.0202	-0.0165	-0.0102	-0.0102	0.0036
769	CLERK (MISC)	99	-0.0108	-0.0068	-0.0092	-0.0091	-0.0087	-0.0092	0.0074	-0.0038	-0.0047
771	OFFICE SUPERVISOR	18	-0.0066	-0.0112	-0.0068	0.0096	-0.0115	-0.0018	-0.0051	-0.0041	0.0027
772	OFFICE MANAGER	14	-0.0008	-0.0058	-0.0034	-0.0044	-0.0009	-0.0099	0.0008	0.0001	-0.0051
781	PHONE, PBX OP	21	0.0006	-0.0017	-0.0000	0.0052	0.0116	-0.0021	-0.0071	0.0000	0.0143
789	OTHER "PUB CONT" OCCS	38	0.0042	-0.0002	-0.0018	-0.0133	-0.0083	-0.0100	-0.0121	0.0076	0.0124
791	RADIO, TELEGR, TELETYPE OP	6	-0.0047	-0.0059	-0.0061	-0.0075	0.0008	0.0022	-0.0065	-0.0075	0.0073
797	MISC CLERICAL	25	-0.0067	0.0052	-0.0011	0.0037	-0.0006	0.0004	-0.0065	0.0014	-0.0033
798	MISC ADMINISTRATIVE	14	0.0169	0.0060	0.0116	-0.0018	-0.0002	-0.0103	-0.0115	-0.0081	-0.0006
810	ELECTRICIAN	2	0.0054	-0.0013	-0.0034	-0.0015	-0.0073	-0.0147	-0.0046	-0.0003	-0.0014
811	ELECTRONIC TECH	2	-0.0100	0.0081	0.0030	-0.0005	-0.0021	-0.0047	0.0079	0.0005	-0.0023
853	AUTO, BUS, TRUCK DRIVER	2	-0.0157	-0.0107	-0.0122	-0.0145	-0.0167	0.0142	-0.0075	0.0082	0.0113
861	PRINTING TRADES	5	0.0046	0.0039	0.0004	0.0166	0.0195	0.0003	0.0013	0.0018	0.0098
864	DRAFTSMAN	4	0.0109	-0.0041	-0.0028	0.0090	0.0157	0.0123	-0.0079	-0.0137	-0.0002
865	PHOTOGRAPHY	11	0.0032	-0.0017	-0.0084	-0.0002	-0.0070	0.0037	-0.0018	0.0129	0.0065
866	INTERIOR DECORATOR	31	0.0050	0.0126	0.0089	0.0188	0.0173	-0.0043	0.0051	0.0112	0.0112
868	CLTHNG & FASHN TRADES	41	-0.0061	-0.0093	-0.0073	-0.0091	-0.0022	-0.0257	-0.0117	-0.0216	-0.0083
871	DIETITIAN	17	0.0036	0.0016	0.0107	-0.0017	0.0039	0.0009	0.0051	-0.0070	-0.0122
872	HOME ECONOMIST	35	0.0034	0.0141	0.0286	0.0193	0.0303	0.0004	0.0238	-0.0149	0.0032
873	AIRLINE STEWARD, STEWARDESS	23	-0.0195	-0.0070	-0.0039	-0.0008	-0.0023	-0.0008	0.0071	0.0028	-0.0148
881	FOOD & BEVERAGE PREP	8	-0.0003	0.0178	0.0061	0.0142	0.0204	0.0029	0.0015	-0.0077	0.0077
891	MISC PERSONAL SERV	23	-0.0004	-0.0063	-0.0135	-0.0033	-0.0023	-0.0192	-0.0254	-0.0197	0.0035
893	HAIRDRESSER	201	-0.0334	-0.0118	-0.0224	0.0011	0.0004	-0.0173	-0.0119	0.0075	0.0180
894	PRACTICAL NURSE	168	-0.0034	-0.0027	-0.0109	0.0078	0.0126	-0.0032	-0.0155	-0.0286	0.0161
895	NURSES' AIDE	17	-0.0047	-0.0078	-0.0125	-0.0224	-0.0126	-0.0259	-0.0211	-0.0139	0.0012
899	GENERAL LABORER	62	-0.0059	-0.0109	-0.0180	-0.0083	-0.0047	-0.0191	-0.0258	-0.0104	0.0134

TABLE 4.3

POINT BISERIAL CORRELATIONS BETWEEN HIGH SCHOOL TEST SCORES AND MEMBERSHIP IN AN OCCUPATIONAL GROUP FIVE YEARS OUT OF HIGH SCHOOL. DATA GIVEN FOR 109 COGNITIVE AND NON-COGNITIVE VARIABLES ON 12TH GRADE MALES

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INFORMATION TEST I									
			SCREENING	VOCABULARY I	LITERATURE	MUSIC	SOCIAL STUDIES	MATHEMATICS	PHYSICAL SCIENCES	BIOL SCIENCES	SCIENT ATTIT	AERO & SPACE
			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110
000	NO ANSWER	1812	-0.0325	-0.0627	-0.0489	-0.0368	-0.0644	-0.0728	-0.0572	-0.0439	-0.0604	-0.0284
001	DON'T KNOW	803	-0.0336	-0.0688	-0.0502	-0.0632	-0.0564	-0.0810	-0.0723	-0.0476	-0.0366	-0.0508
101	EXECUTIVE (NEC)	43	0.0128	0.0168	0.0053	0.0135	0.0252	0.0162	0.0156	0.0036	0.0094	0.0063
102	FOREMAN (NEC)	49	-0.0116	-0.0158	-0.0242	-0.0230	-0.0147	-0.0318	-0.0276	-0.0046	-0.0245	-0.0068
111	WORK FOR GOVT (NEC)	52	-0.0033	-0.0131	-0.0049	0.0032	-0.0055	-0.0139	-0.0178	-0.0091	-0.0052	-0.0023
112	IN BUS FOR SELF (NEC)	278	-0.0290	-0.0377	-0.0422	-0.0333	-0.0478	-0.0553	-0.0475	-0.0240	-0.0162	-0.0261
120	IND, BUS, COMM (NEC)	141	-0.0189	-0.0187	-0.0167	-0.0207	-0.0182	-0.0217	-0.0227	-0.0168	-0.0214	-0.0243
121	RETAIL (NEC)	33	0.0076	-0.0150	-0.0187	-0.0188	-0.0124	-0.0214	-0.0221	-0.0203	-0.0018	-0.0212
122	TRANSPORTATION (NEC)	27	0.0067	-0.0126	-0.0189	-0.0107	-0.0070	-0.0154	-0.0183	-0.0124	-0.0162	-0.0103
123	REAL ESTATE (NEC)	17	-0.0014	0.0052	0.0031	0.0046	-0.0038	-0.0042	-0.0117	-0.0012	0.0149	-0.0017
124	INSURANCE (NEC)	35	0.0084	-0.0070	-0.0029	0.0011	0.0009	0.0014	-0.0089	-0.0155	-0.0031	-0.0178
125	ELECTRONICS (NEC)	156	-0.0034	-0.0115	-0.0257	-0.0197	-0.0227	-0.0126	0.0155	-0.0029	-0.0068	0.0067
150	RESEARCH (NEC)	9	0.0028	0.0055	0.0042	0.0026	0.0041	0.0162	0.0045	-0.0029	0.0095	0.0059
211	MATH, STAT	46	0.0152	0.0488	0.0489	0.0406	0.0359	0.0671	0.0587	0.0313	0.0246	0.0430
212	OTHER STATISTICS	14	0.0089	0.0246	0.0260	0.0222	0.0201	0.0419	0.0335	0.0066	0.0260	0.0072
221	SYSTEMS ANALYST	42	-0.0009	0.0249	0.0382	0.0238	0.0264	0.0480	0.0358	0.0215	0.0065	0.0120
222	COMPUTER PROGRAMMER	121	0.0163	0.0227	0.0229	0.0247	0.0208	0.0287	0.0170	0.0036	0.0142	0.0169
229	COMPUTER SPEC (NEC)	20	0.0051	0.0181	0.0106	0.0196	0.0161	0.0216	0.0214	0.0111	0.0151	0.0099
230	PHYSICAL SCI (NEC)	18	0.0085	0.0271	0.0223	0.0163	0.0249	0.0389	0.0413	0.0329	0.0190	0.0349
231	CHEMIST	81	0.0148	0.0520	0.0535	0.0361	0.0521	0.0734	0.0683	0.0549	0.0423	0.0543
232	PHYSICIST	64	0.0198	0.0467	0.0375	0.0371	0.0423	0.0733	0.0737	0.0518	0.0493	0.0602
234	GEOLOGIST	17	0.0010	0.0157	0.0107	0.0108	0.0181	0.0260	0.0213	0.0202	0.0171	0.0207
235	METEOROLOGIST	10	0.0067	0.0166	0.0217	0.0085	0.0230	0.0281	0.0232	0.0188	0.0062	0.0211
240	ENGINEER (NEC)	167	0.0144	0.0658	0.0476	0.0405	0.0595	0.0979	0.0859	0.0494	0.0457	0.0637
241	CIVIL ENGINEER	105	0.0174	0.0415	0.0251	0.0163	0.0405	0.0659	0.0492	0.0193	0.0163	0.0280
242	ELECTRICAL ENGINEER	243	0.0252	0.0856	0.0625	0.0506	0.0747	0.1278	0.1132	0.0705	0.0694	0.0989
243	MECH ENGINEER	143	0.0215	0.0634	0.0391	0.0425	0.0487	0.0943	0.0843	0.0495	0.0335	0.0650
244	AERONAUTICAL ENG	37	0.0028	0.0251	0.0165	0.0175	0.0153	0.0393	0.0405	0.0181	0.0181	0.0411
245	CHEM ENGINEER	58	0.0108	0.0591	0.0488	0.0358	0.0463	0.0701	0.0679	0.0486	0.0296	0.0469
250	ARCHITECT	58	0.0019	0.0338	0.0348	0.0373	0.0316	0.0486	0.0334	0.0249	0.0265	0.0253
299	PHYS SCI, LAB TECH	78	0.0031	0.0046	-0.0118	-0.0030	0.0002	0.0063	0.0030	0.0084	-0.0005	-0.0011
310	BIOLOGIST, ZOOLOGIST	32	0.0106	0.0345	0.0297	0.0225	0.0346	0.0361	0.0388	0.0366	0.0140	0.0298
313	SPEC IN AGRIC SCI	35	0.0166	0.0085	-0.0041	-0.0037	0.0093	-0.0034	0.0005	0.0241	0.0120	-0.0005
314	WLDLF/FOREST SPEC	49	0.0105	0.0183	0.0175	-0.0033	0.0263	0.0139	0.0231	0.0393	0.0133	0.0059
316	MICROBIOLOGIST	15	0.0094	0.0132	0.0136	0.0097	0.0127	0.0261	0.0279	0.0210	0.0107	0.0276
317	BIOCHEMIST	9	0.0060	0.0240	0.0139	0.0205	0.0139	0.0271	0.0249	0.0175	0.0127	0.0184
322	MD-SURGEON	14	0.0038	0.0310	0.0279	0.0215	0.0216	0.0350	0.0266	0.0169	0.0121	0.0136
329	MD-OTHER	229	0.0270	0.1145	0.1194	0.1067	0.1008	0.1390	0.1231	0.0832	0.0809	0.0807
332	DENTIST	97	0.0127	0.0508	0.0520	0.0370	0.0354	0.0622	0.0619	0.0478	0.0184	0.0373
333	VETERINARIAN	20	0.0030	0.0181	0.0139	0.0095	0.0186	0.0235	0.0306	0.0162	0.0162	0.0099
343	PHYS THERAPIST	11	-0.0160	-0.0017	0.0023	0.0002	-0.0009	-0.0031	0.0033	0.0026	-0.0039	0.0009
347	MED/DENT TECHNOL	16	0.0002	0.0013	0.0038	-0.0007	0.0013	-0.0009	0.0040	0.0162	-0.0061	-0.0046
348	MED/DENT TECHNICIAN	27	0.0086	-0.0029	0.0030	0.0013	-0.0106	-0.0073	0.0121	-0.0028	0.0019	0.0102
350	HOSPITAL ADMIN	11	0.0015	0.0092	0.0100	0.0121	0.0036	0.0006	0.0057	0.0060	0.0089	0.0050
335	PHARMACIST	91	0.0081	0.0306	0.0217	0.0238	0.0272	0.0412	0.0415	0.0254	0.0181	0.0269
360	PSYCHOLOGIST	106	0.0177	0.0610	0.0633	0.0664	0.0437	0.0624	0.0567	0.0393	0.0503	0.0444
370	SOCIAL WORKER	60	0.0089	0.0161	0.0175	0.0216	0.0132	0.0086	0.0078	0.0073	-0.0043	0.0035
371	PSYCHIATRIC SOC WRKR	9	-0.0004	0.0112	0.0188	0.0158	0.0127	0.0018	0.0006	0.0111	0.0064	0.0036
372	COUNSELING/GUIDANCE	12	-0.0061	0.0052	0.0062	0.0008	-0.0110	-0.0003	-0.0029	-0.0045	-0.0008	0.0012
373	VOC/ED GUIDANCE	23	0.0067	-0.0019	0.0084	0.0166	0.0095	0.0095	0.0014	-0.0007	0.0125	-0.0021
382	ECONOMIST	23	0.0006	0.0292	0.0244	0.0208	0.0279	0.0271	0.0240	0.0105	0.0263	0.0107
389	SOCIAL SCI (MISC)	21	0.0057	0.0060	0.0162	0.0079	0.0148	0.0063	0.0158	-0.0053	0.0077	-0.0057
392	DIPLOMAT	22	0.0103	0.0186	0.0278	0.0286	0.0266	0.0217	0.0165	0.0126	0.0056	0.0151
393	LAWYER	393	0.0317	0.1026	0.1255	0.1007	0.1055	0.1148	0.0839	0.0601	0.0873	0.0548
394	MARKET ANALYST	10	0.0067	0.0135	0.0194	0.0085	0.0189	0.0226	0.0083	0.0163	0.0181	0.0081
398	CITY PLANNER (NEC)	12	0.0107	0.0240	0.0242	0.0212	0.0277	0.0189	0.0210	0.0177	0.0101	0.0239
400	TEACHER (NEC)	423	0.0256	0.0133	0.0301	0.0210	0.0415	0.0256	0.0256	0.0195	0.0310	-0.0077
412	TEACHER-ELEM	45	0.0019	0.0013	-0.0024	-0.0005	0.0043	-0.0001	0.0025	0.0015	0.0114	-0.0027
420	TEACHER-HS (NEC)	69	0.0116	0.0130	0.0176	0.0125	0.0171	0.0138	0.0056	0.0234	0.0177	0.0075
421	TEACHER-HS MATH	62	0.0095	0.0139	0.0131	0.0074	0.0194	0.0555	0.0244	0.0065	0.0133	0.0025
422	TEACHER-HS SCI	50	0.0177	0.0334	0.0118	0.0146	0.0237	0.0379	0.0308	0.0366	0.0233	0.0206
423	TEACHER-HS SOC ST	94	0.0149	0.0221	0.0354	0.0329	0.0435	0.0076	0.0140	0.0096	0.0166	0.0038
424	TEACHER-ENGLISH	45	0.0135	0.0347	0.0448	0.0370	0.0229	0.0236	0.0246	0.0129	0.0114	0.0070
425	TEACHER-FOREIGN LANG	10	0.0036	0.0090	0.0159	0.0156	0.0131	0.0046	-0.0023	0.0042	0.0002	-0.0027
426	TEACHER-COMM ED	16	0.0051	0.0001	-0.0017	0.0014	0.0013	-0.0117	-0.0048	-0.0020	0.0069	-0.0046
428	TEACHER-TRADES	45	0.0106	-0.0087	-0.0142	-0.0034	0.0002	0.0036	0.0105	0.0084	-0.0062	-0.0145.
429	TEACHER-PHYS ED	57	0.0130	-0.0165	-0.0039	0.0086	-0.0005	-0.0045	-0.0108	-0.0058	0.0010	-0.0237
431	TEACHER-ART	15	0.0019	0.0088	0.0093	0.0075	0.0037	-0.0040	0.0045	0.0111	-0.0076	0.0091
432	TEACHER-MUSIC	38	-0.0061	0.0220	0.0144	0.0524	0.0020	0.0045	0.0075	0.0170	0.0095	0.0018
440	TEACHER-HANDICAPPED	18	0.0039	0.0107	0.0184	0.0230	0.0227	0.0131	0.0125	0.0112	0.0090	-0.0006
450	SCHOOL ADMIN (EXC COLL)	43	0.0143	0.0058	0.0150	0.0255	0.0103	0.0017	0.0075	0.0100	0.0144	-0.0016
460	COLL/UNIV TCHR (NEC)	179	0.0269	0.0769	0.0852	0.0932	0.0733	0.0775	0.0737	0.0630	0.0546	0.0462
461	COLL/UNIV TCHR-MATH	28	0.0035	0.0362	0.0437	0.0299	0.0427	0.0578	0.0518	0.0260	0.0341	0.0303
462	COLL/UNIV TCHR-SCI	68	0.0172	0.0528	0.0596	0.0477	0.0590	0.0705	0.0735	0.0586	0.0418	0.0577
463	COLL/UNIV TCHR-SOC SCI	85	0.0211	0.0603	0.0699	0.0610	0.0669	0.0549	0.0443	0.0377	0.0466	0.0334
464	COLL/UNIV TCHR-ENGLISH	57	0.0104	0.0581	0.0813	0.0703	0.0490	0.0564	0.0498	0.0308	0.0436	0.0386
465	COLL/UNIV TCHR-FOR LANG	15	0.0069	0.0225	0.0296	0.0315	0.0289	0.0320	0.0264	0.0151	0.0253	0.0046
521	CLERGYMAN	176	0.0169	0.0479	0.0570	0.0465	0.0541	0.0388	0.0359	0.0202	0.0367	0.0074
522	MONK, BROTHER, NUN	16	0.0026	0.0145	0.0171	0.0134	0.0114	0.0096	0.0109	0.0019	0.0093	-0.0038
523	RELIG WRKR (OTHER)	14	0.0063	0.0053	0.0069	0.0102	0.0054	0.0072	0.0024	0.0107	0.0071	-0.0056
531	WRITER (NEC)	24	0.0013	0.0177	0.0324	0.0231	0.0066	0.0024	0.0052	0.0125	0.0171	0.0066
534	JRNLIST/REPRTER	43	0.0084	0.0297	0.0472	0.0376	0.0339	0.0197	0.0141	0.0083	0.0202	0.0105
539	TRNSLTR, INTRPRTR, LINGST	9	-0.0101	0.0160	0.0200	0.0167	0.0041	0.0144	0.0144	0.0060	0.0142	-0.0010
541	FINE ARTS	16	0.0075	0.0067	0.0263	0.0120	0.0049	-0.0023	0.0045	0.0028	-0.0002	0.0014
545	COMM ARTIST	48	-0.0024	-0.0062	-0.0003	0.0114	-0.0154	-0.0301	-0.0172	0.0055	-0.0214	-0.0036
547	DESIGNER (CONS GDS)	28	0.0126	0.0058	0.0028	-0.0037	0.0000	0.0004	-0.0063	0.0007	0.0056	0.0147
551	MUSICIAN	24	0.0052	0.0114	0.0047	0.0432	0.0028	0.0062	0.0027	-0.0134	-0.0021	0.0094

TABLE 4.3 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INFORMATION TEST I									
			SCREENING	VOCABULARY I	LITERATURE	MUSIC	SOCIAL STUDIES	MATHEMATICS	PHYSICAL SCIENCES	BIOL SCIENCES	SCIENT ATTIT	AERO & SPACE
			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110
559	MUSIC-RELATED (MISC)	15	-0.0031	0.0063	0.0126	0.0359	0.0168	0.0096	0.0015	0.0012	-0.0015	0.0011
575	THEATRE (OTHER)	23	0.0027	0.0232	0.0305	0.0325	0.0137	0.0076	0.0166	0.0065	0.0164	0.0222
578	RADIO/TV ANNOUNCER	17	-0.0061	0.0122	0.0067	0.0156	0.0083	0.0063	0.0069	0.0099	0.0034	0.0091
579	MISC PERF ARTS	12	-0.0173	0.0025	0.0057	0.0090	0.0007	-0.0151	-0.0012	0.0033	0.0019	0.0130
611	ATHLETE	10	0.0036	-0.0001	-0.0130	-0.0111	-0.0061	-0.0065	-0.0042	0.0030	-0.0027	-0.0006
612	PRO ATHLETICS (AUX)	15	0.0119	-0.0017	-0.0044	-0.0078	0.0018	-0.0019	-0.0143	-0.0038	0.0009	-0.0139
621	RECREATION DIR	18	-0.0029	-0.0159	-0.0148	-0.0136	-0.0037	-0.0128	-0.0159	-0.0014	-0.0043	-0.0143
623	FRSTRY, HUNT, TRAP	19	-0.0332	-0.0112	-0.0188	-0.0153	-0.0210	-0.0271	-0.0112	0.0116	-0.0063	-0.0066
631	FARM/RANCH OWNER	128	-0.0114	-0.0495	-0.0678	-0.0732	-0.0480	-0.0593	-0.0560	-0.0324	-0.0423	-0.0593
639	FARMING (OTHER)	244	-0.0277	-0.0891	-0.1115	-0.1002	-0.0804	-0.0912	-0.0811	-0.0524	-0.0498	-0.0817
640	MILITARY (RANK NOT IND)	54	-0.0261	-0.0047	-0.0020	-0.0086	-0.0104	-0.0185	-0.0068	-0.0040	0.0034	-0.0010
641	MILITARY-ENLISTED	13	0.0031	-0.0137	-0.0034	-0.0142	-0.0030	-0.0203	-0.0152	-0.0056	0.0033	-0.0137
642	MILITARY-OFFICER	108	0.0209	0.0478	0.0498	0.0319	0.0525	0.0626	0.0556	0.0362	0.0221	0.0525
650	INTELLIGENCE-CIA, ETC.	21	-0.0049	0.0087	0.0146	0.0091	0.0152	0.0151	0.0137	0.0023	0.0128	0.0085
661	POLICE (PUBLIC)	151	-0.0008	-0.0214	-0.0183	-0.0202	-0.0142	-0.0615	-0.0396	-0.0117	-0.0133	-0.0121
666	FIREMAN	41	-0.0090	-0.0289	-0.0268	-0.0173	-0.0195	-0.0382	-0.0270	-0.0266	-0.0083	-0.0116
669	OTHER PROTECTIVE	22	0.0103	-0.0106	-0.0167	-0.0081	-0.0157	-0.0269	-0.0155	-0.0045	-0.0125	0.0063
711A	BANKING & FINANCE, I	63	0.0135	-0.0293	-0.0162	-0.0130	-0.0202	-0.0356	-0.0310	-0.0275	-0.0111	-0.0181
711B	BANKING & FINANCE, II	116	0.0080	0.0238	0.0346	0.0232	0.0321	0.0319	0.0201	0.0167	0.0213	0.0008
712	INVSTMNT, STOCK CONSULT	11	0.0102	0.0172	0.0067	0.0079	0.0013	0.0198	0.0075	-0.0067	'0.0032	0.0029
716	CPA	280	0.0246	0.0102	0.0155	0.0161	0.0256	0.0469	0.0142	-0.0229	0.0116	-0.0149
717	ACCTANT (EXC CPA)	202	0.0125	-0.0247	-0.0221	-0.0228	-0.0071	-0.0130	-0.0331	-0.0220	-0.0225	-0.0384
721	PURCHASING AGENT	25	0.0018	-0.0135	0.0015	-0.0024	-0.0090	-0.0010	-0.0141	-0.0171	-0.0048	-0.0111
722	RETAIL BUYER	22	-0.0021	0.0017	-0.0003	-0.0003	0.0019	-0.0046	0.0017	-0.0005	0.0016	0.0020
723	EFFICIENCY EXPERT	111	0.0086	0.0263	0.0191	0.0154	0.0266	0.0428	0.0284	0.0091	0.0166	0.0107
724	ADVERTISING	40	-0.0035	0.0088	0.0249	0.0146	0.0149	-0.0000	-0.0019	0.0066	0.0027	0.0005
725	PUBLIC RELATIONS	31	0.0085	0.0178	0.0217	0.0225	0.0121	-0.0034	-0.0024	0.0008	0.0115	-0.0050
726	PERSONNEL ADMIN	81	0.0095	0.0212	0.0209	0.0232	0.0294	0.0295	0.0244	0.0062	0.0071	0.0142
727	APPRAISING, ESTIMATING	36	0.0072	-0.0057	-0.0051	-0.0117	0.0061	0.0067	0.0012	-0.0026	-0.0085	0.0072
728	LOAN/CREDIT INVESTIG	29	0.0112	0.0083	0.0139	0.0078	0.0078	0.0014	-0.0006	-0.0059	-0.0023	-0.0101
730	BUS MGMT ADM (NEC)	511	0.0168	0.0402	0.0376	0.0350	0.0348	0.0388	0.0219	0.0229	0.0209	0.0292
731	MFG MGMT	95	0.0072	0.0306	0.0287	0.0172	0.0303	0.0343	0.0233	0.0217	0.0326	0.0244
732	WHSL/RET TRADE MGMT/MKTG	195	0.0112	-0.0030	0.0073	-0.0001	0.0048	-0.0054	-0.0087	-0.0125	0.0026	-0.0106
738	SUPERVISOR IN BUS	87	0.0080	-0.0128	-0.0228	-0.0132	-0.0244	-0.0292	-0.0239	-0.0210	-0.0096	-0.0179
741	SLSCLERK	23	0.0047	-0.0204	-0.0218	-0.0198	-0.0135	-0.0167	-0.0158	-0.0182	-0.0131	-0.0178
742	RTEMAN (MILK, LAUNDRY, ETC)	12	-0.0173	-0.0287	-0.0271	-0.0317	-0.0317	-0.0413	-0.0353	-0.0211	-0.0199	-0.0334
743	STOCKBROKER	23	-0.0014	0.0192	0.0206	0.0178	0.0206	0.0138	0.0035	0.0041	0.0036	0.0050
745	REAL ESTATE SLSMAN	26	-0.0033	0.0009	0.0035	0.0147	0.0005	0.0064	0.0017	-0.0019	0.0158	-0.0053
746	INSURANCE SLSMAN	61	0.0080	0.0002	0.0034	-0.0000	0.0071	-0.0080	-0.0061	0.0003	0.0025	-0.0025
747	AUTO SLSMAN	22	0.0000	-0.0136	-0.0038	-0.0027	0.0027	-0.0211	-0.0167	-0.0160	-0.0095	-0.0207
748	OTHER SLSMAN (NEC)	350	0.0112	-0.0219	-0.0224	-0.0169	-0.0219	-0.0350	-0.0429	-0.0329	-0.0052	-0.0203
749	SALES MGR	73	0.0059	0.0015	0.0030	0.0046	0.0027	0.0042	-0.0070	-0.0087	0.0025	-0.0018
751	BOOKKEEPER	10	-0.0178	-0.0207	-0.0183	-0.0058	-0.0153	-0.0190	-0.0135	-0.0103	0.0062	-0.0060
755	MISC ACCT RECDG	27	0.0011	-0.0260	-0.0161	-0.0161	-0.0167	-0.0316	-0.0263	-0.0235	-0.0189	-0.0248
758	COMPUTER OPERATOR	78	-0.0013	-0.0205	-0.0209	-0.0071	-0.0248	-0.0176	-0.0218	-0.0234	-0.0139	-0.0193
769	CLERK (MISC)	24	-0.0185	-0.0402	-0.0320	-0.0345	-0.0377	-0.0358	-0.0375	-0.0306	-0.0416	-0.0410
772	OFFICE MGR	28	-0.0166	-0.0229	-0.0128	-0.0149	-0.0083	-0.0224	-0.0190	-0.0109	-0.0265	-0.0170
789	OTHER "PUB CONT" OCCS	14	-0.0092	-0.0069	-0.0210	-0.0049	-0.0069	-0.0102	-0.0187	-0.0282	-0.0106	-0.0175
791	RADIO, TELEGR, TTY OP	14	0.0038	-0.0133	-0.0078	-0.0034	-0.0098	-0.0117	-0.0155	-0.0057	-0.0080	-0.0147
797	MISC CLERICAL	112	-0.0297	-0.0454	-0.0491	-0.0264	-0.0524	-0.0517	-0.0548	-0.0386	-0.0429	-0.0363
798	MISC ADMINISTRATIVE	38	-0.0014	-0.0068	-0.0082	-0.0093	-0.0115	-0.0197	-0.0165	-0.0141	-0.0112	-0.0087
810	ELECTRICIAN	158	-0.0222	-0.0582	-0.0633	-0.0660	-0.0589	-0.0736	-0.0497	-0.0388	-0.0280	-0.0264
811	ELECTRONIC TECHNICIAN	212	-0.0198	0.0064	-0.0247	-0.0145	-0.0139	0.0003	0.0244	0.0131	-0.0089	0.0336
812	APPLIANCE REPAIR	55	-0.0059	-0.0401	-0.0414	-0.0334	-0.0417	-0.0363	-0.0277	-0.0227	-0.0360	-0.0327
813	PHONE INSTALL & REPAIR	39	-0.0056	-0.0080	-0.0134	-0.0197	-0.0084	-0.0280	-0.0168	-0.0030	0.0004	-0.0079
814	REPAIR & SERV COMP	32	-0.0100	0.0005	-0.0127	-0.0060	-0.0057	0.0028	0.0040	0.0074	-0.0019	0.0177
820	MECHANIC (NEC)	116	-0.0262	-0.0510	-0.0614	-0.0632	-0.0691	-0.0734	-0.0531	-0.0333	-0.0499	-0.0263
821	AUTO MECHANIC	74	-0.0073	-0.0492	-0.0613	-0.0481	-0.0485	-0.0550	-0.0459	-0.0383	-0.0282	-0.0268
822	AIRPLANE MECHANIC	68	-0.0063	-0.0310	-0.0347	-0.0318	-0.0240	-0.0498	-0.0261	-0.0122	-0.0155	0.0057
823	OFFICE MACH REPAIR	17	-0.0178	-0.0111	-0.0053	-0.0022	-0.0127	-0.0065	-0.0040	0.0062	-0.0103	-0.0017
824	IND MACH REPAIR	21	-0.0112	-0.0134	-0.0234	-0.0192	-0.0221	-0.0242	-0.0147	-0.0111	-0.0067	-0.0020
828	MACHINIST	176	-0.0205	-0.0523	-0.0728	-0.0604	-0.0684	-0.0659	-0.0531	-0.0411	-0.0524	-0.0264
831	CABINET MAKER	13	0.0004	-0.0297	-0.0262	-0.0213	-0.0341	-0.0248	-0.0185	-0.0184	-0.0085	-0.0128
832	CARPENTER	55	-0.0059	-0.0450	-0.0508	-0.0520	-0.0476	-0.0568	-0.0394	-0.0274	-0.0335	-0.0341
833	METAL TRADES	92	-0.0179	-0.0658	-0.0706	-0.0654	-0.0728	-0.0776	-0.0645	-0.0486	-0.0593	-0.0476
834	BRKLYR, MASON, PTR, RFR	62	-0.0323	-0.0411	-0.0526	-0.0478	-0.0465	-0.0519	-0.0433	-0.0335	-0.0335	-0.0298
835	PLUMBER, PIPEFTR	72	-0.0264	-0.0470	-0.0520	-0.0529	-0.0541	-0.0591	-0.0453	-0.0232	-0.0371	-0.0303
836	HEAVY EQUIP OP	47	-0.0043	-0.0500	-0.0507	-0.0332	-0.0472	-0.0484	-0.0413	-0.0246	-0.0334	-0.0408
837	MISC BLDG & CONST	71	-0.0074	-0.0330	-0.0458	-0.0384	-0.0457	-0.0397	-0.0389	-0.0205	-0.0335	-0.0152
838	MINING, QURYNG, DRLNG	16	0.0026	-0.0240	-0.0324	-0.0254	-0.0341	-0.0324	-0.0290	-0.0173	-0.0143	-0.0286
841	PILOT	99	0.0034	0.0296	0.0218	0.0206	0.0268	0.0272	0.0338	0.0255	0.0259	0.0599
848	AIR TRAFFIC CONTROLLER	13	0.0004	0.0003	0.0053	0.0006	0.0098	-0.0037	0.0007	-0.0024	0.0085	0.0091
851	MERCHANT MARINE OCC	10	0.0006	0.0059	0.0032	-0.0004	0.0015	0.0084	0.0107	0.0091	0.0077	0.0157
852	RAILROAD OCCS	10	-0.0056	-0.0153	-0.0119	-0.0236	-0.0119	-0.0113	-0.0129	-0.0043	-0.0087	-0.0222
853	AUTO, BUS, TRUCK DRVR	85	-0.0252	-0.0659	-0.0631	-0.0785	-0.0600	-0.0862	-0.0688	-0.0377	-0.0411	-0.0470
861	PRINTING TRADES	106	-0.0040	-0.0425	-0.0442	-0.0413	-0.0444	-0.0562	-0.0567	-0.0388	-0.0352	-0.0327
863	SURVEYOR	27	-0.0101	-0.0070	-0.0125	-0.0237	-0.0159	-0.0084	-0.0058	-0.0058	-0.0080	-0.0149
864	DRAFTSMAN	140	-0.0143	-0.0448	-0.0403	-0.0346	-0.0390	-0.0285	-0.0370	-0.0206	-0.0327	-0.0151
865	PHOTOGRAPHY	39	-0.0071	-0.0064	-0.0114	0.0015	-0.0158	-0.0173	-0.0036	-0.0067	-0.0117	0.0042
867	LANDSCAPE ARCHIT	13	-0.0023	0.0210	0.0104	0.0256	0.0108	0.0090	0.0138	0.0263	0.0085	0.0100
868	CLTHNG & FASH TRADES	14	-0.0014	-0.0191	-0.0122	-0.0124	-0.0113	-0.0160	-0.0123	-0.0067	-0.0093	-0.0147
881	FOOD & BEVERAGE PREP	28	-0.0276	-0.0424	-0.0394	-0.0208	-0.0396	-0.0429	-0.0421	-0.0363	-0.0363	-0.0319
885	BUTCHER, MEAT CUTTER	23	-0.0175	-0.0420	-0.0337	-0.0351	-0.0469	-0.0416	-0.0434	-0.0278	-0.0180	-0.0321
891	MISC PERSONAL SERVICES	12	-0.0368	-0.0239	-0.0102	-0.0057	-0.0184	-0.0214	-0.0245	-0.0166	-0.0158	-0.0136
892	BARBER	41	-0.0272	-0.0559	-0.0528	-0.0472	-0.0566	-0.0541	-0.0516	-0.0422	-0.0488	-0.0378
893	HAIRDRESSER	15	-0.0256	-0.0396	-0.0252	-0.0114	-0.0399	-0.0313	-0.0418	-0.0255	-0.0222	-0.0245
899	GENERAL LABORER	277	-0.0416	-0.1160	-0.1191	-0.1042	-0.0995	-0.1274	-0.1154	-0.0719	-0.0809	-0.0827

TABLE 4.3 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INFORMATION TEST I (CONTD.)					INFORMATION TEST II				
			ELECTRICITY, ELECTRONICS	MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE
			R-111	R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135
000	NO ANSWER	1812	-0.0334	-0.0493	-0.0222	-0.0226	-0.0550	-0.0354	-0.0614	-0.0477	-0.0345	-0.0246
001	DON'T KNOW	803	-0.0659	-0.0333	-0.0165	-0.0564	-0.0542	-0.0498	-0.0455	-0.0429	-0.0384	-0.0369
101	EXECUTIVE (NEC)	43	0.0076	0.0083	-0.0100	-0.0082	0.0170	-0.0025	0.0164	0.0016	-0.0041	0.0105
102	FOREMAN (NEC)	49	-0.0113	0.0064	0.0062	0.0003	-0.0180	-0.0016	-0.0177	-0.0139	-0.0155	-0.0156
111	WORK FOR GOVT (NEC)	52	-0.0149	-0.0151	-0.0035	-0.0118	-0.0128	0.0036	-0.0050	-0.0009	-0.0164	-0.0064
112	IN BUS FOR SELF (NEC)	278	-0.0229	0.0138	-0.0232	-0.0102	-0.0329	-0.0124	-0.0242	-0.0374	-0.0103	-0.0161
120	IND, BUS, COMM (NEC)	141	-0.0264	-0.0325	-0.0242	-0.0281	-0.0040	-0.0098	-0.0267	-0.0226	-0.0180	-0.0142
121	RETAIL (NEC)	33	-0.0206	-0.0020	0.0002	-0.0041	0.0003	-0.0054	0.0005	-0.0009	0.0054	-0.0065
122	TRANSPORTATION (NEC)	27	-0.0132	-0.0056	-0.0123	-0.0071	0.0065	-0.0042	-0.0174	-0.0058	-0.0140	-0.0051
123	REAL ESTATE (NEC)	17	-0.0126	-0.0057	-0.0041	-0.0017	0.0050	-0.0080	-0.0002	-0.0051	0.0078	0.0041
124	INSURANCE (NEC)	35	-0.0003	-0.0125	-0.0110	0.0027	0.0099	-0.0047	-0.0010	0.0008	-0.0006	0.0056
125	ELECTRONICS (NEC)	156	0.0424	0.0208	-0.0070	0.0022	-0.0308	-0.0069	-0.0181	-0.0086	0.0056	-0.0130
150	RESEARCH (NEC)	9	0.0065	0.0127	0.0122	0.0123	0.0100	0.0094	0.0056	0.0027	0.0108	0.0176
211	MATH, STAT	46	0.0483	0.0187	0.0034	0.0057	0.0131	0.0275	0.0396	0.0352	0.0173	0.0222
212	OTHER STATISTICS	14	0.0168	0.0039	0.0063	0.0116	0.0147	0.0210	0.0216	0.0199	0.0029	0.0083
221	SYSTEMS ANALYST	42	0.0204	0.0067	0.0015	0.0126	0.0164	0.0204	0.0150	0.0254	0.0098	0.0107
222	COMPUTER PROGRAMMER	121	0.0168	0.0027	-0.0164	0.0163	0.0075	0.0218	0.0190	0.0198	0.0116	0.0025
229	COMPUTER SPEC (NEC)	20	0.0170	0.0060	-0.0065	0.0107	0.0142	0.0125	0.0260	0.0069	0.0067	0.0100
230	PHYSICAL SCI (NEC)	18	0.0436	0.0069	-0.0008	0.0201	0.0053	0.0109	0.0205	0.0095	0.0062	0.0137
231	CHEMIST	81	0.0517	0.0335	0.0179	0.0392	0.0247	0.0346	0.0411	0.0467	0.0238	0.0217
232	PHYSICIST	64	0.0754	0.0496	0.0146	0.0183	0.0101	0.0239	0.0335	0.0318	0.0469	0.0418
234	GEOLOGIST	17	0.0240	0.0144	0.0096	0.0080	0.0185	0.0105	0.0139	0.0092	0.0190	0.0186
235	METEOROLOGIST	10	0.0222	0.0008	-0.0020	0.0067	0.0042	0.0023	0.0069	0.0173	-0.0038	0.0051
240	ENGINEER (NEC)	167	0.0827	0.0557	0.0287	0.0266	0.0457	0.0388	0.0522	0.0472	0.0418	0.0436
241	CIVIL ENGINEER	105	0.0366	0.0149	0.0107	0.0097	0.0299	0.0202	0.0196	0.0096	0.0216	0.0126
242	ELECTRICAL ENGINEER	243	0.1467	0.0731	0.0293	0.0489	0.0242	0.0486	0.0634	0.0586	0.0595	0.0503
243	MECH ENGINEER	143	0.0786	0.0698	0.0200	0.0348	0.0314	0.0404	0.0334	0.0364	0.0427	0.0190
244	AERONAUTICAL ENG	37	0.0391	0.0219	0.0051	0.0044	0.0016	0.0163	0.0246	0.0186	0.0305	0.0101
245	CHEM ENGINEER	58	0.0482	0.0330	0.0175	0.0235	0.0397	0.0331	0.0369	0.0418	0.0245	0.0335
250	ARCHITECT	56	0.0356	0.0294	0.0058	0.0220	0.0238	0.0449	0.0165	0.0153	0.0225	0.0524
299	PHYS SCI, LAB TECH	78	0.0119	0.0115	0.0095	-0.0004	0.0002	-0.0015	-0.0061	-0.0072	0.0053	-0.0075
310	BIOLOGIST, ZOOLOGIST	32	0.0262	0.0179	0.0271	0.0207	0.0126	0.0343	0.0237	0.0307	0.0188	0.0412
313	SPEC IN AGRIC SCI	35	-0.0066	0.0122	0.0383	0.0104	0.0172	-0.0088	0.0096	0.0141	0.0268	0.0066
314	WLDLF/FOREST SPEC	49	0.0014	0.0202	0.0224	0.0125	0.0047	0.0008	0.0065	0.0120	0.0132	0.0075
316	MICROBIOLOGIST	15	0.0198	0.0137	-0.0082	0.0108	0.0091	0.0104	0.0135	0.0022	0.0172	0.0048
317	BIOCHEMIST	9	0.0237	0.0154	0.0041	0.0246	0.0193	0.0083	0.0088	0.0141	0.0108	0.0057
322	MD-SURGEON	14	0.0104	0.0061	0.0009	0.0040	0.0222	0.0256	0.0177	0.0264	0.0050	0.0195
329	MD-OTHER	229	0.0682	0.0234	0.0206	0.0458	0.0848	0.0878	0.0867	0.0912	0.0395	0.0557
332	DENTIST	97	0.0368	0.0162	0.0071	0.0272	0.0394	0.0318	0.0241	0.0329	0.0296	0.0278
333	VETERINARIAN	20	0.0137	0.0159	0.0252	0.0107	0.0156	-0.0029	0.0076	0.0124	0.0188	0.0140
343	PHYS THERAPIST	11	-0.0074	-0.0100	-0.0137	-0.0052	0.0055	0.0032	-0.0021	-0.0035	-0.0077	-0.0025
347	MED/DENT TECHNOL	16	-0.0045	-0.0004	0.0005	-0.0120	-0.0024	-0.0021	0.0070	0.0064	0.0017	-0.0016
348	MED/DENT TECHNICIAN	27	0.0063	0.0050	-0.0076	0.0088	0.0005	0.0071	-0.0118	-0.0048	0.0068	-0.0132
350	HOSPITAL ADMIN	11	0.0004	0.0033	0.0034	0.0076	0.0149	0.0021	0.0037	0.0069	-0.0007	0.0101
335	PHARMACIST	91	0.0246	0.0165	0.0030	0.0148	0.0349	0.0207	0.0191	0.0287	0.0115	-0.0086
360	PSYCHOLOGIST	106	0.0306	0.0189	0.0017	0.0239	0.0273	0.0598	0.0516	0.0389	0.0157	0.0393
370	SOCIAL WORKER	60	-0.0091	-0.0245	-0.0070	0.0003	0.0058	0.0213	0.0037	0.0088	-0.0093	0.0003
371	PSYCHIATRIC SOC WRKR	9	-0.0101	-0.0011	0.0095	0.0076	0.0131	0.0060	0.0136	0.0027	-0.0072	0.0117
372	COUNSELING/GUIDANCE	12	-0.0042	-0.0039	-0.0069	-0.0046	-0.0077	-0.0080	-0.0076	-0.0026	-0.0135	-0.0078
373	VOC/ED GUIDANCE	23	-0.0047	-0.0092	-0.0111	0.0114	0.0080	0.0079	0.0103	0.0070	0.0042	-0.0062
382	ECONOMIST	23	0.0145	0.0092	0.0016	0.0031	0.0073	0.0187	0.0224	0.0284	0.0026	0.0163
389	SOCIAL SCI (MISC)	21	0.0140	-0.0067	-0.0139	0.0064	0.0211	0.0114	-0.0031	0.0105	0.0036	0.0109
392	DIPLOMAT	22	0.0021	-0.0030	-0.0082	0.0078	0.0184	0.0295	0.0166	0.0066	0.0072	0.0270
393	LAWYER	393	0.0263	-0.0051	-0.0018	0.0170	0.0971	0.0848	0.1179	0.0724	0.0244	0.0721
394	MARKET ANALYST	10	0.0106	0.0034	-0.0046	0.0094	0.0081	0.0121	0.0176	0.0234	0.0059	0.0127
398	CITY PLANNER (NEC)	12	0.0160	0.0072	0.0153	0.0208	0.0211	0.0249	0.0246	0.0186	0.0176	0.0215
400	TEACHER (NEC)	423	-0.0252	-0.0437	0.0035	0.0040	0.0628	0.0127	0.0287	0.0252	0.0092	0.0115
412	TEACHER-ELEM	45	-0.0176	-0.0152	-0.0148	0.0165	0.0139	0.0124	0.0031	0.0059	0.0011	0.0038
420	TEACHER-HS (NEC)	69	-0.0081	-0.0043	0.0169	0.0105	0.0172	0.0108	0.0061	0.0003	0.0026	0.0059
421	TEACHER-HS MATH	62	0.0030	-0.0075	0.0150	0.0038	0.0224	0.0055	0.0007	0.0155	0.0188	0.0039
422	TEACHER-HS SCI	50	0.0278	0.0158	0.0310	0.0291	0.0194	0.0218	0.0134	0.0157	0.0297	0.0090
423	TEACHER-HS SOC ST	94	-0.0116	-0.0224	0.0051	0.0003	0.0253	0.0353	0.0299	0.0128	0.0007	0.0216
424	TEACHER-ENGLISH	45	0.0099	-0.0127	-0.0076	0.0297	0.0070	0.0268	0.0197	0.0103	0.0046	0.0315
425	TEACHER-FOREIGN LANG	10	0.0024	0.0008	-0.0046	0.0004	-0.0135	-0.0053	-0.0115	0.0002	-0.0062	0.0146
426	TEACHER-COMM ED	16	-0.0036	-0.0107	0.0096	-0.0098	-0.0086	0.0083	0.0070	-0.0071	0.0172	-0.0105
428	TEACHER-TRADES	45	0.0215	0.0226	0.0256	0.0115	-0.0144	-0.0129	-0.0107	0.0008	0.0080	-0.0016
429	TEACHER-PHYS ED	57	-0.0214	-0.0208	-0.0126	-0.0029	0.0332	-0.0041	-0.0104	0.0002	0.0040	-0.0058
431	TEACHER-ART	15	-0.0025	-0.0005	0.0022	0.0108	0.0027	0.0273	-0.0041	0.0072	-0.0027	0.0202
432	TEACHER-MUSIC	38	0.0023	0.0033	0.0059	0.0193	-0.0007	0.0222	0.0109	0.0155	0.0003	0.0001
440	TEACHER-HANDICAPPED	18	-0.0038	-0.0055	-0.0056	0.0234	0.0170	0.0085	0.0079	0.0061	-0.0084	0.0066
450	SCHOOL ADMIN (EXC COLL)	43	-0.0183	-0.0018	0.0011	0.0044	0.0293	0.0085	0.0149	0.0023	-0.0065	0.0105
460	COLL/UNIV TCHR (NEC)	179	0.0423	0.0182	0.0302	0.0493	0.0312	0.0717	0.0710	0.0575	0.0305	0.0653
461	COLL/UNIV TCHR-MATH	26	0.0312	-0.0003	0.0089	0.0062	0.0308	0.0336	0.0416	0.0309	0.0202	0.0242
462	COLL/UNIV TCHR-SCI	68	0.0484	0.0301	0.0266	0.0332	0.0364	0.0394	0.0503	0.0529	0.0277	0.0453
463	COLL/UNIV TCHR-SOC SCI	65	0.0136	0.0166	0.0268	0.0299	0.0328	0.0524	0.0513	0.0414	0.0258	0.0456
464	COLL/UNIV TCHR-ENGLISH	57	0.0213	-0.0003	0.0040	0.0273	0.0212	0.0641	0.0481	0.0301	0.0193	0.0474
465	COLL/UNIV TCHR-FOR LANG	15	0.0189	-0.0026	0.0137	0.0100	-0.0037	0.0211	0.0172	0.0199	0.0073	0.0310
521	CLERGYMAN	176	0.0105	-0.0170	0.0194	0.0268	0.0077	0.0318	0.0385	0.0232	0.0140	0.0297
522	MONK, BROTHER, NUN	16	0.0056	-0.0107	-0.0096	0.0178	0.0046	0.0160	0.0034	0.0003	-0.0002	0.0164
523	RELIG WRKR (OTHER)	14	-0.0093	-0.0006	0.0138	0.0100	0.0064	0.0118	0.0087	-0.0050	0.0215	0.0051
531	WRITER (NEC)	24	-0.0085	-0.0061	-0.0106	-0.0089	0.0082	0.0253	0.0150	0.0173	0.0124	0.0146
534	JRNLIST/REPRTER	43	-0.0019	-0.0097	-0.0002	0.0031	0.0175	0.0323	0.0253	0.0225	0.0135	0.0242
539	TRNSLTR, INTRPRTR, LINGST	9	0.0114	0.0017	-0.0093	0.0170	0.0037	0.0210	0.0072	0.0141	0.0005	0.0117
541	FINE ARTS	16	0.0019	-0.0162	-0.0036	-0.0106	0.0015	0.0281	0.0082	0.0015	0.0095	0.0104
545	COMM ARTIST	48	-0.0123	-0.0130	-0.0038	-0.0052	-0.0369	0.0388	-0.0229	0.0005	-0.0081	0.0077
547	DESIGNER (CONS GDS)	28	0.0050	0.0206	0.0027	0.0067	-0.0015	0.0121	0.0040	0.0031	0.0114	0.0140
551	MUSICIAN	24	0.0122	0.0034	-0.0106	-0.0002	-0.0000	0.0161	0.0061	0.0013	-0.0097	0.0097

TABLE 4.3 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INFORMATION TEST I (CONTD.)					INFORMATION TEST II				
			ELECTRICITY, ELECTRONICS	MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE
			R-111	R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135
559	MUSIC-RELATED (MISC)	15	0.0003	-0.0197	-0.0072	-0.0024	-0.0037	0.0051	-0.0016	0.0009	-0.0007	0.0125
575	THEATRE (OTHER)	23	0.0245	0.0121	-0.0001	0.0167	0.0106	0.0245	0.0103	0.0059	0.0251	0.0125
578	RADIO/TV ANNOUNCER	17	0.0133	0.0050	-0.0031	0.0107	-0.0101	0.0046	-0.0014	0.0163	0.0040	0.0012
579	MISC PERF ARTS	12	0.0160	0.0072	-0.0010	0.0118	-0.0005	0.0169	0.0022	0.0073	-0.0002	-0.0078
611	ATHLETE	10	-0.0139	0.0016	0.0005	-0.0140	0.0130	0.0045	-0.0054	0.0080	-0.0062	-0.0043
612	PRO ATHLETICS (AUX)	15	-0.0282	-0.0175	-0.0061	-0.0083	0.0228	-0.0092	-0.0066	0.0009	0.0033	-0.0138
621	RECREATION DIR	18	-0.0147	-0.0100	-0.0046	-0.0154	-0.0006	-0.0184	-0.0138	-0.0147	-0.0102	-0.0089
623	FRSTRY, HUNT, TRAP	19	-0.0026	0.0042	0.0070	-0.0075	-0.0094	-0.0156	-0.0168	-0.0104	0.0029	-0.0143
631	FARM/RANCH OWNER	128	-0.0319	-0.0011	0.0731	-0.0363	-0.0511	-0.0776	-0.0476	-0.0340	-0.0197	-0.0321
639	FARMING (OTHER)	244	-0.0567	-0.0161	0.0883	-0.0329	-0.0787	-0.1140	-0.0814	-0.0606	-0.0356	-0.0704
640	MILITARY (RANK NOT IND)	54	-0.0184	-0.0050	-0.0058	-0.0100	-0.0103	-0.0008	0.0077	-0.0195	0.0002	0.0009
641	MILITARY-ENLISTED	13	-0.0099	-0.0029	-0.0029	0.0038	0.0018	-0.0068	-0.0112	0.0023	-0.0082	-0.0127
642	MILITARY-OFFICER	108	0.0355	0.0299	0.0246	0.0365	0.0283	0.0232	0.0409	0.0296	0.0256	0.0273
650	INTELLIGENCE-CIA, ETC.	21	-0.0001	-0.0007	0.0090	0.0139	0.0082	0.0099	0.0053	0.0051	0.0103	0.0135
661	POLICE (PUBLIC)	151	-0.0296	-0.0069	-0.0150	-0.0055	-0.0282	-0.0088	-0.0105	-0.0038	-0.0222	-0.0251
666	FIREMAN	41	-0.0199	0.0016	-0.0202	-0.0185	-0.0085	-0.0192	-0.0136	-0.0191	-0.0060	-0.0124
669	OTHER PROTECTIVE	22	-0.0081	-0.0153	-0.0116	-0.0098	-0.0068	-0.0117	-0.0020	-0.0007	-0.0076	-0.0074
711A	BANKING & FINANCE, I	63	-0.0236	-0.0140	-0.0023	0.0068	-0.0019	-0.0090	-0.0146	-0.0053	-0.0016	-0.0280
711B	BANKING & FINANCE, II	116	-0.0006	0.0032	0.0104	0.0031	0.0409	0.0138	0.0143	0.0277	0.0268	0.0235
712	INVSTMNT, STOCK CONSULT	11	-0.0041	0.0008	-0.0125	-0.0086	0.0120	0.0021	-0.0051	0.0010	0.0086	0.0083
716	CPA	280	-0.0166	-0.0215	-0.0339	-0.0083	0.0494	0.0076	0.0146	0.0177	-0.0012	-0.0072
717	ACCTANT (EXC CPA)	202	-0.0400	-0.0392	-0.0206	-0.0267	-0.0029	-0.0210	-0.0158	-0.0080	-0.0250	-0.0198
721	PURCHASING AGENT	25	-0.0093	-0.0092	-0.0036	-0.0090	0.0084	0.0012	-0.0056	-0.0109	-0.0137	-0.0038
722	RETAIL BUYER	22	-0.0093	-0.0129	-0.0125	0.0108	0.0071	0.0126	0.0001	0.0129	0.0006	0.0041
723	EFFICIENCY EXPERT	111	0.0291	0.0217	0.0035	0.0017	0.0394	0.0080	0.0238	0.0112	0.0140	0.0198
724	ADVERTISING	40	-0.0179	-0.0181	-0.0047	-0.0050	-0.0050	0.0369	-0.0062	0.0152	-0.0162	0.0094
725	PUBLIC RELATIONS	31	-0.0119	0.0043	0.0084	0.0030	0.0192	0.0113	0.0118	0.0114	0.0036	0.0086
726	PERSONNEL ADMIN	81	-0.0069	-0.0033	0.0044	-0.0016	0.0424	0.0172	0.0108	0.0080	0.0110	0.0204
727	APPRAISING, ESTIMATING	36	-0.0155	0.0093	0.0029	0.0067	0.0127	-0.0053	0.0014	0.0045	-0.0131	-0.0016
728	LOAN/CREDIT INVESTIG	29	-0.0124	-0.0089	-0.0053	0.0063	0.0035	0.0003	0.0004	0.0072	0.0116	0.0148
730	BUS MGMT ADM (NEC)	511	0.0219	0.0250	0.0002	0.0272	0.0423	0.0316	0.0298	0.0335	0.0214	0.0287
731	MFG MGMT	95	0.0167	0.0197	0.0098	0.0293	0.0202	0.0247	0.0248	0.0176	0.0311	0.0202
732	WHSL/RET TRADE MGMT/MKTG	195	-0.0171	-0.0089	0.0043	-0.0096	0.0268	-0.0073	-0.0057	-0.0045	-0.0075	0.0026
738	SUPERVISOR IN BUS	87	-0.0191	0.0058	0.0003	-0.0093	-0.0103	-0.0121	-0.0280	-0.0144	-0.0180	-0.0207
741	SLSCLERK	23	-0.0081	0.0052	-0.0043	-0.0141	-0.0095	-0.0223	-0.0150	-0.0114	-0.0119	-0.0211
742	RTEMAN (MILK, LAUNDRY, ETC)	12	-0.0143	-0.0063	0.0001	-0.0202	-0.0211	-0.0300	-0.0258	-0.0224	-0.0091	-0.0303
743	STOCKBROKER	23	-0.0012	0.0035	-0.0001	-0.0004	0.0132	0.0187	0.0133	-0.0032	0.0122	0.0163
745	REAL ESTATE SLSMAN	26	0.0052	0.0029	-0.0056	0.0159	0.0099	-0.0016	-0.0064	0.0052	-0.0055	0.0067
746	INSURANCE SLSMAN	61	-0.0016	0.0136	-0.0006	0.0015	0.0080	0.0056	0.0069	0.0103	-0.0011	-0.0083
747	AUTO SLSMAN	22	-0.0136	0.0047	-0.0064	-0.0068	0.0018	-0.0088	0.0084	-0.0049	0.0006	-0.0074
748	OTHER SLSMAN (NEC)	350	-0.0239	-0.0001	-0.0114	-0.0194	0.0146	-0.0181	-0.0078	-0.0101	-0.0132	-0.0190
749	SALES MGR	73	-0.0079	-0.0002	0.0005	0.0068	0.0118	0.0002	0.0083	0.0020	0.0035	-0.0058
751	BOOKKEEPER	10	-0.0174	-0.0045	0.0031	-0.0059	-0.0145	-0.0064	-0.0054	-0.0013	-0.0038	-0.0157
755	MISC ACCT RECDG	27	-0.0284	-0.0178	-0.0154	-0.0120	-0.0139	-0.0069	-0.0146	-0.0114	-0.0155	-0.0190
758	COMPUTER OPERATOR	78	-0.0121	-0.0185	-0.0102	-0.0081	-0.0040	-0.0082	0.0038	-0.0077	-0.0087	-0.0156
769	CLERK (MISC)	24	-0.0379	-0.0421	-0.0271	-0.0309	-0.0191	-0.0332	-0.0216	-0.0197	-0.0223	-0.0172
772	OFFICE MGR	28	-0.0194	-0.0216	-0.0110	-0.0008	-0.0192	0.0043	-0.0088	0.0041	-0.0017	0.0005
789	OTHER "PUB CONT" OCCS	14	-0.0152	0.0031	-0.0175	0.0123	-0.0069	-0.0141	0.0022	-0.0024	-0.0136	-0.0045
791	RADIO, TELEGR, TTY OP	14	-0.0167	-0.0064	0.0030	0.0108	-0.0044	-0.0058	-0.0108	-0.0115	0.0070	-0.0109
797	MISC CLERICAL	112	-0.0439	-0.0327	-0.0359	-0.0224	-0.0369	-0.0428	-0.0398	-0.0262	-0.0312	-0.0280
798	MISC ADMINISTRATIVE	38	-0.0175	-0.0115	-0.0072	-0.0120	0.0023	-0.0030	0.0038	0.0028	0.0003	0.0050
810	ELECTRICIAN	168	0.0028	0.0032	-0.0287	-0.0194	-0.0616	-0.0447	-0.0413	-0.0344	-0.0233	-0.0397
811	ELECTRONIC TECHNICIAN	212	0.0678	0.0390	0.0046	0.0107	-0.0353	-0.0042	-0.0045	-0.0112	0.0111	0.0012
812	APPLIANCE REPAIR	55	-0.0091	-0.0205	-0.0317	-0.0194	-0.0419	-0.0428	-0.0316	-0.0441	-0.0173	-0.0275
813	PHONE INSTALL & REPAIR	39	-0.0021	0.0064	0.0028	-0.0016	-0.0123	-0.0135	-0.0249	-0.0110	-0.0080	-0.0048
814	REPAIR & SERV COMP	32	0.0220	0.0126	0.0050	0.0087	-0.0110	-0.0054	0.0039	0.0117	0.0134	-0.0064
820	MECHANIC (NEC)	116	-0.0102	0.0124	-0.0039	-0.0115	-0.0686	-0.0493	-0.0489	-0.0508	-0.0120	-0.0501
821	AUTO MECHANIC	74	-0.0045	0.0137	-0.0187	-0.0109	-0.0503	-0.0332	-0.0375	-0.0348	-0.0134	-0.0254
822	AIRPLANE MECHANIC	68	-0.0047	0.0238	0.0041	-0.0134	-0.0263	-0.0260	-0.0210	-0.0203	-0.0116	-0.0165
823	OFFICE MACH REPAIR	17	0.0124	0.0037	0.0047	-0.0086	-0.0282	-0.0021	-0.0072	-0.0027	0.0040	-0.0119
824	IND MACH REPAIR	21	-0.0029	0.0095	-0.0007	-0.0054	-0.0244	-0.0104	-0.0031	-0.0163	-0.0234	-0.0048
828	MACHINIST	176	-0.0236	0.0129	-0.0070	-0.0260	-0.0463	-0.0499	-0.0486	-0.0511	-0.0269	-0.0501
831	CABINET MAKER	13	-0.0104	0.0108	0.0016	-0.0049	-0.0154	-0.0193	-0.0341	-0.0167	-0.0082	-0.0177
832	CARPENTER	55	-0.0246	-0.0008	0.0021	-0.0232	-0.0352	-0.0391	-0.0382	-0.0309	0.0015	-0.0267
833	METAL TRADES	92	-0.0391	-0.0178	-0.0049	-0.0279	-0.0523	-0.0524	-0.0519	-0.0367	-0.0287	-0.0380
834	BRKLYR, MASON, PTR, RFR	62	-0.0171	0.0012	-0.0112	-0.0063	-0.0338	-0.0424	-0.0271	-0.0331	-0.0244	-0.0266
835	PLUMBER, PIPEFTR	72	-0.0285	-0.0171	-0.0069	-0.0214	-0.0394	-0.0519	-0.0381	-0.0521	-0.0241	-0.0411
836	HEAVY EQUIP OP	47	-0.0301	0.0049	0.0006	-0.0199	-0.0212	-0.0500	-0.0380	-0.0221	-0.0197	-0.0210
837	MISC BLDG & CONST	71	-0.0148	0.0037	0.0083	-0.0106	-0.0199	-0.0465	-0.0257	-0.0323	-0.0208	-0.0143
838	MINING, QURYNG, DRLNG	16	-0.0169	0.0065	-0.0005	-0.0152	-0.0164	-0.0314	-0.0245	-0.0254	-0.0098	-0.0195
841	PILOT	99	0.0449	0.0374	0.0146	0.0055	0.0152	0.0171	0.0234	0.0024	0.0390	0.0207
848	AIR TRAFFIC CONTROLLER	13	-0.0186	-0.0045	0.0061	0.0046	0.0087	0.0056	0.0089	-0.0099	-0.0039	0.0022
851	MERCHANT MARINE OCC	10	0.0106	0.0191	0.0005	-0.0068	-0.0155	0.0023	0.0176	0.0018	0.0035	0.0033
852	RAILROAD OCCS	10	-0.0203	-0.0027	-0.0007	-0.0140	-0.0096	-0.0141	-0.0176	0.0002	-0.0038	-0.0043
853	AUTO, BUS, TRUCK DRVR	85	-0.0444	-0.0112	0.0066	-0.0315	-0.0538	-0.0554	-0.0553	-0.0619	-0.0388	-0.0500
861	PRINTING TRADES	106	-0.0287	-0.0146	-0.0361	-0.0329	-0.0264	-0.0206	-0.0188	-0.0222	-0.0166	-0.0236
863	SURVEYOR	27	-0.0057	0.0076	0.0017	-0.0022	-0.0079	-0.0222	-0.0081	-0.0039	-0.0036	0.0006
864	DRAFTSMAN	140	-0.0117	-0.0121	-0.0292	-0.0197	-0.0274	-0.0227	-0.0429	-0.0325	-0.0104	-0.0340
865	PHOTOGRAPHY	39	0.0106	-0.0016	-0.0101	-0.0021	-0.0168	0.0070	-0.0047	-0.0157	0.0081	0.0058
867	LANDSCAPE ARCHIT	13	0.0009	0.0139	0.0016	0.0085	0.0027	0.0008	0.0036	0.0036	0.0175	0.0089
868	CLTHNG & FASH TRADES	14	-0.0162	-0.0123	0.0030	0.0032	-0.0160	-0.0058	-0.0108	-0.0102	-0.0280	-0.0077
881	FOOD & BEVERAGE PREP	28	-0.0302	-0.0221	-0.0164	-0.0056	-0.0315	-0.0258	-0.0327	-0.0358	-0.0177	-0.0233
885	BUTCHER, MEAT CUTTER	23	-0.0277	-0.0178	-0.0128	-0.0158	-0.0121	-0.0187	-0.0373	-0.0247	-0.0296	-0.0299
891	MISC PERSONAL SERVICES	12	-0.0212	-0.0222	-0.0174	-0.0218	-0.0229	-0.0140	-0.0188	-0.0252	-0.0202	-0.0044
892	BARBER	41	-0.0507	-0.0260	-0.0151	-0.0363	-0.0357	-0.0446	-0.0409	-0.0413	-0.0325	-0.0339
893	HAIRDRESSER	15	-0.0325	-0.0375	-0.0280	-0.0068	-0.0359	-0.0047	-0.0279	-0.0193	-0.0266	-0.0045
899	GENERAL LABORER	277	-0.0830	-0.0470	-0.0184	-0.0390	-0.0663	-0.0908	-0.0798	-0.0807	-0.0708	-0.0731

TABLE 4.3 (continued)

			POINT BISERIAL CORRELATIONS									
			INFORMATION TEST II (CONTD.)									
#	GROUP	N	JOURNALISM R-136	FOREIGN TRAVEL R-137	MILITARY R-138	ACCTG, BUS, SALES R-139	PRACT KNOWL R-140	CLERICAL R-141	BIBLE R-142	COLORS R-143	ETIQUETTE R-144	HUNTING R-145
000	NO ANSWER	1812	-0.0582	-0.0377	-0.0211	-0.0578	-0.0473	-0.0358	-0.0376	-0.0186	-0.0342	-0.0005
001	DON'T KNOW	803	-0.0482	-0.0433	-0.0410	-0.0554	-0.0493	-0.0318	-0.0486	-0.0418	-0.0307	0.0087
101	EXECUTIVE (NEC)	43	0.0172	0.0157	0.0093	0.0246	0.0151	0.0196	0.0051	0.0122	0.0093	-0.0146
102	FOREMAN (NEC)	49	-0.0263	-0.0035	-0.0201	-0.0216	-0.0101	-0.0039	-0.0102	-0.0042	-0.0077	0.0084
111	WORK FOR GOVT (NEC)	52	-0.0060	0.0076	0.0067	-0.0071	0.0105	0.0098	-0.0054	-0.0015	-0.0111	-0.0048
112	IN BUS FOR SELF (NEC)	278	-0.0344	-0.0214	-0.0167	-0.0098	-0.0045	-0.0382	-0.0498	-0.0211	-0.0085	0.0140
120	IND, BUS, COMM (NEC)	141	-0.0149	-0.0191	-0.0186	-0.0227	-0.0104	-0.0121	-0.0201	-0.0199	-0.0154	0.0052
121	RETAIL (NEC)	33	-0.0021	-0.0109	0.0021	0.0004	0.0083	0.0039	-0.0116	-0.0126	-0.0013	0.0142
122	TRANSPORTATION (NEC)	27	-0.0055	0.0050	-0.0027	0.0029	-0.0026	-0.0194	-0.0126	0.0001	-0.0007	-0.0114
123	REAL ESTATE (NEC)	17	0.0030	0.0009	-0.0042	0.0090	0.0121	0.0175	-0.0043	0.0053	-0.0084	0.0032
124	INSURANCE (NEC)	35	0.0104	0.0021	0.0054	0.0007	0.0063	-0.0021	-0.0073	-0.0133	0.0131	-0.0147
125	ELECTRONICS (NEC)	153	-0.0128	-0.0145	-0.0143	-0.0323	-0.0041	-0.0212	-0.0240	0.0017	-0.0075	0.0201
150	RESEARCH (NEC)	9	0.0033	0.0079	0.0129	0.0070	0.0036	-0.0055	0.0138	-0.0121	0.0023	0.0072
211	MATH, STAT	45	0.0215	0.0336	0.0117	0.0274	0.0243	0.0196	0.0392	0.0078	0.0160	-0.0172
212	OTHER STATISTICS	14	0.0155	0.0093	0.0177	0.0186	0.0114	0.0125	0.0195	0.0229	0.0241	-0.0083
221	SYSTEMS ANALYST	42	0.0163	0.0211	0.0166	0.0159	0.0108	0.0121	0.0128	0.0171	0.0285	-0.0083
222	COMPUTER PROGRAMMER	121	0.0298	0.0151	0.0181	0.0133	0.0225	0.0157	0.0055	0.0066	0.0013	-0.0164
229	COMPUTER SPEC (NEC)	20	0.0210	0.0142	0.0079	0.0069	0.0103	0.0057	0.0072	0.0151	0.0084	-0.0003
230	PHYSICAL SCI (NEC)	18	0.0047	0.0158	0.0089	0.0006	-0.0031	0.0093	0.0149	0.0065	0.0004	-0.0175
231	CHEMIST	81	0.0252	0.0325	0.0206	0.0413	0.0199	0.0227	0.0423	0.0226	0.0193	0.0108
232	PHYSICIST	64	0.0232	0.0328	0.0239	0.0413	0.0175	0.0229	0.0495	0.0135	0.0122	0.0064
234	GEOLOGIST	17	0.0125	0.0151	0.0150	0.0026	0.0177	-0.0000	0.0101	0.0008	0.0155	0.0112
235	METEOROLOGIST	10	0.0087	0.0173	0.0154	0.0056	0.0127	-0.0025	0.0129	-0.0009	-0.0136	-0.0105
240	ENGINEER (NEC)	157	0.0481	0.0452	0.0424	0.0512	0.0356	0.0077	0.0414	0.0233	0.0373	0.0126
241	CIVIL ENGINEER	105	0.0171	0.0214	0.0205	0.0129	0.0199	-0.0026	0.0273	0.0020	0.0216	0.0013
242	ELECTRICAL ENGINEER	243	0.0497	0.0457	0.0418	0.0552	0.0323	0.0281	0.0497	0.0352	0.0321	0.0070
243	MECH ENGINEER	143	0.0300	0.0381	0.0270	0.0354	0.0441	0.0215	0.0369	0.0066	0.0177	0.0063
244	AERONAUTICAL ENG	37	0.0126	0.0154	0.0132	0.0199	0.0120	0.0042	0.0073	0.0071	0.0349	-0.0055
245	CHEM ENGINEER	58	0.0389	0.0349	0.0337	0.0299	0.0271	0.0187	0.0359	0.0082	0.0084	0.0045
250	ARCHITECT	58	0.0273	0.0170	0.0157	0.0224	0.0164	0.0065	0.0119	0.0070	0.0230	-0.0161
299	PHYS SCI, LAB TECH	76	-0.0079	-0.0106	-0.0030	-0.0092	-0.0042	0.0050	-0.0176	0.0012	-0.0053	0.0171
310	BIOLOGIST, ZOOLOGIST	32	0.0259	0.0307	0.0304	0.0175	0.0113	0.0226	0.0336	0.0104	0.0119	0.0300
313	SPEC IN AGRIC SCI	35	0.0005	-0.0012	0.0102	-0.0000	-0.0055	0.0119	-0.0002	0.0006	0.0090	0.0284
314	WLDLF/FOREST SPEC	49	-0.0011	0.0179	0.0083	-0.0077	-0.0002	0.0182	0.0138	0.0049	0.0011	0.0439
316	MICROBIOLOGIST	15	0.0144	0.0069	0.0050	0.0125	0.0096	0.0169	0.0142	0.0072	0.0072	-0.0002
317	BIOCHEMIST	9	0.0066	0.0144	0.0148	0.0100	-0.0118	0.0049	0.0080	0.0092	0.0023	0.0072
322	MD-SURGEON	14	0.0102	0.0180	0.0086	0.0151	0.0206	0.0097	0.0188	0.0009	0.0011	-0.0117
329	MD-OTHER	22	0.0746	0.0837	0.0673	0.0895	0.0436	0.0465	0.0830	0.0476	0.0418	-0.0238
332	DENTIST	33	0.0345	0.0303	0.0051	0.0253	0.0285	0.0188	0.0181	0.0259	0.0167	-0.0038
333	VETERINARIAN	20	0.0057	0.0055	-0.0023	0.0010	0.0180	0.0103	0.0072	-0.0054	0.0056	0.0158
343	PHYS THERAPIST	11	-0.0160	-0.0095	0.0040	-0.0077	-0.0068	-0.0060	-0.0102	-0.0073	-0.0020	-0.0010
347	MED/DENT TECHNOL	16	0.0036	0.0111	0.0087	0.0178	0.0022	-0.0073	0.0050	0.0176	-0.0024	-0.0058
348	MED/DENT TECHNICIAN	27	-0.0055	-0.0013	-0.0092	-0.0150	0.0040	-0.0015	-0.0055	-0.0034	-0.0126	0.0012
350	HOSPITAL ADMIN	11	0.0135	0.0022	0.0126	0.0162	0.0140	0.0158	0.0129	-0.0045	0.0129	0.0089
335	PHARMACIST	91	0.0246	0.0227	0.0192	0.0186	0.0157	0.0271	0.0126	-0.0011	0.0034	0.0005
360	PSYCHOLOGIST	106	0.0521	0.0389	0.0247	0.0533	0.0216	0.0144	0.0360	0.0088	0.0167	-0.0238
370	SOCIAL WORKER	50	0.0238	0.0213	0.0137	0.0040	0.0044	0.0019	0.0224	-0.0152	-0.0046	-0.0326
371	PSYCHIATRIC SOC WRKR	9	0.0098	0.0036	0.0073	0.0070	-0.0041	0.0083	0.0080	0.0001	-0.0059	-0.0102
372	COUNSELING/GUIDANCE	12	-0.0159	-0.0077	-0.0031	-0.0199	-0.0181	-0.0004	0.0022	0.0001	0.0050	-0.0111
373	VOC/ED GUIDANCE	23	0.0080	0.0041	-0.0030	-0.0050	0.0159	0.0063	0.0002	0.0141	0.0126	-0.0169
382	ECONOMIST	25	0.0203	0.0163	0.0065	0.0180	0.0184	0.0106	0.0182	0.0160	0.0074	0.0022
389	SOCIAL SCI (MISC)	21	0.0200	0.0107	-0.0075	0.0040	0.0013	0.0029	-0.0006	0.0041	-0.0000	-0.0037
392	DIPLOMAT	22	0.0170	0.0239	0.0154	0.0126	0.0002	0.0091	0.0313	0.0150	-0.0080	-0.0153
393	LAWYER	393	0.0948	0.0889	0.0765	0.0891	0.0553	0.0505	0.0796	0.0392	0.0535	-0.0303
394	MARKET ANALYST	10	0.0087	0.0131	0.0262	0.0125	0.0054	-0.0025	0.0176	0.0164	0.0098	-0.0023
398	CITY PLANNER (NEC)	12	0.0208	0.0242	0.0182	0.0209	0.0186	0.0205	0.0093	0.0159	0.0086	-0.0017
400	TEACHER (NEC)	423	0.0308	0.0156	0.0058	0.0231	0.0166	0.0491	0.0302	-0.0063	0.0216	-0.0094
412	TEACHER-ELEM	45	-0.0028	-0.0046	-0.0083	-0.0092	0.0012	0.0047	-0.0044	-0.0026	0.0015	-0.0141
420	TEACHER-HS (NEC)	59	0.0139	-0.0008	0.0167	0.0121	0.0068	0.0097	0.0274	-0.0020	0.0099	0.0046
421	TEACHER-HS MATH	52	0.0054	0.0023	0.0008	-0.0043	0.0044	0.0237	0.0040	-0.0006	0.0125	-0.0069
422	TEACHER-HS SCI	50	0.0235	0.0009	0.0073	0.0150	0.0023	0.0163	0.0236	0.0070	0.0063	0.0209
423	TEACHER-HS SOC ST	94	0.0226	0.0326	0.0238	0.0149	0.0114	0.0058	0.0428	0.0027	0.0210	-0.0199
424	TEACHER-ENGLISH	45	0.0250	0.0206	0.0010	0.0125	0.0081	0.0155	0.0346	0.0233	-0.0003	-0.0277
425	TEACHER-FOREIGN LANG	10	-0.0068	0.0173	0.0047	0.0070	-0.0019	-0.0090	0.0106	0.0078	-0.0136	-0.0064
426	TEACHER-COMM ED	16	-0.0062	-0.0003	0.0073	[illegible]	0.0109	0.0237	-0.0012	-0.0144	0.0007	-0.0091
428	TEACHER-TRADES	45	-0.0232	-0.0133	-0.0210	[illegible]	0.0081	0.0032	-0.0011	0.0029	-0.0058	0.0220
429	TEACHER-PHYS ED	57	0.0006	0.0010	0.0003	[illegible]	0.0019	-0.0015	-0.0137	0.0026	0.0069	-0.0167
431	TEACHER-ART	15	0.0144	0.0052	0.0021	[illegible]	-0.0053	-0.0097	0.0098	0.0095	-0.0087	0.0065
432	TEACHER-MUSIC	38	0.0026	0.0275	-0.0084	0.0011	0.0035	0.0072	0.0127	0.0199	0.0043	-0.0186
440	TEACHER-HANDICAPPED	18	0.0139	0.0051	-0.0044	0.0100	0.0105	0.0069	0.0143	0.0152	0.0004	-0.0190
450	SCHOOL ADMIN (EXC COLL)	43	0.0187	0.0048	0.0075	0.0037	0.0099	0.0022	0.0028	0.0136	0.0093	-0.0225
460	COLL/UNIV TCHR (NEC)	179	0.0541	0.0661	0.0265	0.0616	0.0340	0.0469	0.0877	0.0610	0.0281	-0.0360
461	COLL/UNIV TCHR-MATH	28	0.0219	0.0230	0.0164	0.0288	0.0117	0.0099	0.0317	0.0203	0.0085	-0.0129
462	COLL/UNIV TCHR-SCI	68	0.0345	0.0444	0.0336	0.0389	0.0265	0.0163	0.0438	0.0227	0.0160	0.0033
463	COLL/UNIV TCHR-SOC SCI	85	0.0503	0.0621	0.0504	0.0441	0.0334	0.0359	0.0665	0.0207	0.0213	-0.0105
464	COLL/UNIV TCHR-ENGLISH	57	0.0447	0.0476	0.0319	0.0371	0.0265	0.0218	0.0589	0.0305	0.0151	-0.0202
465	COLL/UNIV TCHR-FOR LANG	15	0.0194	0.0320	0.0123	0.0102	0.0156	0.0116	0.0263	0.0284	0.0072	-0.0036
521	CLERGYMAN	176	0.0484	0.0419	0.0154	0.0184	0.0268	0.0164	0.1257	0.0192	0.0275	-0.0287
522	MONK, BROTHER, NUN	16	0.0110	0.0095	0.0045	0.0024	0.0080	-0.0150	0.0339	0.0062	-0.0085	-0.0189
523	RELIG WRKR (OTHER)	14	0.0076	0.0145	0.0161	0.0045	0.0083	0.0208	0.0432	0.0058	0.0142	-0.0222
531	WRITER (NEC)	24	0.0154	0.0103	-0.0009	0.0160	0.0004	0.0079	0.0162	-0.0111	0.0021	-0.0104
534	JRNLIST/REPRTER	43	0.0292	0.0216	0.0275	0.0253	0.0151	0.0211	0.0216	0.0066	-0.0001	-0.0106
539	TRNSLTR, INTRPRTR, LINGST	9	0.0033	0.0144	-0.0060	0.0115	0.0075	0.0117	0.0245	0.0092	0.0023	-0.0037
541	FINE ARTS	16	0.0061	0.0143	-0.0040	0.0024	0.0080	0.0056	0.0081	0.0245	-0.0116	0.0007
545	COMM ARTIST	48	-0.0050	0.0099	-0.0029	-0.0207	-0.0095	-0.0156	-0.0102	0.0226	-0.0077	-0.0110
547	DESIGNER (CONS GDS)	28	-0.0003	0.0095	0.0068	0.0030	0.0117	-0.0018	0.0005	0.0185	0.0015	0.0069
551	MUSICIAN	24	-0.0046	0.0023	-0.0159	0.0097	-0.0043	0.0143	0.0066	0.0244	-0.0054	-0.0104

TABLE 4.3 (continued)

POINT BISERIAL CORRELATIONS

INFORMATION TEST II (CONTD.)

#	GROUP	N	JOURNALISM	FOREIGN TRAVEL	MILITARY	ACCTG, BUS, SALES	PRACT KNOWL	CLERICAL	BIBLE	COLORS	ETIQUETTE	HUNTING
			R-136	R-137	R-138	R-139	R-140	R-141	R-142	R-143	R-144	R-145
559	MUSIC-RELATED (MISC)	15	0.0043	0.0035	0.0079	-0.0000	-0.0023	0.0036	0.0085	0.0142	-0.0023	-0.0137
575	THEATRE (OTHER)	23	0.0203	0.0163	0.0171	0.0125	0.0063	0.0279	0.0069	0.0084	0.0074	-0.0142
578	RADIO/TV ANNOUNCER	17	0.0172	0.0151	0.0013	0.0154	0.0037	0.0100	0.0232	0.0119	-0.0024	-0.0079
579	MISC PERF ARTS	12	-0.0046	0.0110	-0.0047	0.0056	-0.0081	-0.0033	-0.0042	0.0053	-0.0092	-0.0017
611	ATHLETE	10	0.0025	-0.0012	-0.0061	-0.0028	0.0018	-0.0025	-0.0198	0.0135	-0.0097	0.0060
612	PRO ATHLETICS (AUX)	15	0.0068	0.0035	-0.0023	-0.0068	0.0126	0.0036	0.0034	-0.0164	-0.0087	-0.0036
621	RECREATION DIR	18	-0.0091	-0.0149	-0.0004	-0.0171	-0.0058	-0.0029	-0.0107	0.0001	-0.0025	-0.0067
623	FRSTRY, HUNT, TRAP	19	-0.0228	-0.0193	-0.0163	-0.0134	-0.0254	-0.0103	-0.0038	0.0015	0.0059	0.0318
631	FARM/RANCH OWNER	128	-0.0600	-0.0718	-0.0552	-0.0413	-0.0521	-0.0189	-0.0471	-0.0303	0.0075	0.0410
639	FARMING (OTHER)	244	-0.0894	-0.0905	-0.0745	-0.0645	-0.0724	-0.0180	-0.0729	-0.0488	-0.0316	0.0545
640	MILITARY (RANK NOT IND)	54	-0.0038	-0.0045	0.0062	-0.0086	-0.0053	-0.0106	0.0009	-0.0036	-0.0027	0.0017
641	MILITARY-ENLISTED	13	-0.0105	-0.0133	-0.0002	-0.0054	-0.0092	0.0049	-0.0008	-0.0134	-0.0090	0.0049
642	MILITARY-OFFICER	108	0.0370	0.0432	0.0620	0.0317	0.0270	0.0129	0.0503	0.0152	0.0295	0.0289
650	INTELLIGENCE-CIA, ETC.	21	0.0115	0.0121	0.0185	0.0185	0.0038	0.0119	0.0171	0.0061	-0.0000	0.0149
661	POLICE (PUBLIC)	151	-0.0130	-0.0013	0.0036	-0.0039	-0.6181	-0.0225	-0.0181	-0.0112	-0.0194	0.0076
666	FIREMAN	41	-0.0031	-0.0220	0.0010	-0.0075	-0.0136	-0.0230	-0.0258	-0.0080	-0.0192	-0.0018
669	OTHER PROTECTIVE	22	0.0003	-0.0052	-0.0052	-0.0156	-0.0072	-0.0130	-0.0139	-0.0045	-0.0054	-0.0014
711A	BANKING & FINANCE, I	63	0.0063	-0.0159	-0.0137	-0.0003	0.0183	-0.0002	-0.0067	-0.0091	-0.0171	0.0018
711B	BANKING & FINANCE, II	116	0.0269	0.0301	0.0350	0.0280	0.0222	0.0121	0.0109	0.0048	0.0154	0.0009
712	INVSTMNT, STOCK CONSULT	11	0.0106	0.0003	0.0023	0.0149	0.0071	0.0033	-0.0042	-0.0100	0.0092	-0.0128
716	CPA	280	0.0297	0.0122	0.0161	0.0337	0.0213	0.0315	-0.0018	0.0040	0.0174	-0.0416
717	ACCTANT (EXC CPA)	202	-0.0003	-0.0215	-0.0062	0.0223	0.0138	0.0054	-0.0091	-0.0070	-0.0068	-0.0165
721	PURCHASING AGENT	25	0.0049	-0.0020	0.0102	-0.0088	-0.0030	0.0033	-0.0158	0.0086	-0.0104	-0.0055
722	RETAIL BUYER	22	0.0108	-0.0038	-0.0003	0.0153	0.0125	0.0003	-0.0018	-0.0064	0.0025	-0.0181
723	EFFICIENCY EXPERT	111	0.0145	0.0149	0.0305	0.0215	0.0197	0.0201	0.0070	0.0037	0.0078	0.0116
724	ADVERTISING	40	0.0096	0.0212	0.0040	0.0132	0.0036	-0.0099	0.0118	0.0257	-0.0096	-0.0211
725	PUBLIC RELATIONS	31	0.0214	0.0057	0.0067	0.0057	0.0145	0.0066	0.0086	0.0143	0.0033	-0.0055
726	PERSONNEL ADMIN	81	0.0198	0.0187	0.0238	0.0123	0.0121	0.0135	0.0055	0.0022	0.0221	0.0065
727	APPRAISING, ESTIMATING	36	0.0154	0.0039	0.0051	0.0053	0.0014	-0.0041	-0.0053	-0.0121	0.0067	-0.0030
728	LOAN/CREDIT INVESTIG	29	0.0138	0.0150	0.0095	0.0096	0.0084	0.0075	0.0233	-0.0061	-0.0009	-0.0059
730	BUS MGMT ADM (NEC)	511	0.0302	0.0254	0.0357	0.0327	0.0241	0.0232	0.0187	0.0308	0.0124	-0.0024
731	MFG MGMT	95	0.0182	0.0175	0.0182	0.0172	0.0203	0.0141	0.0332	0.0099	0.0107	0.0088
732	WHSL/RET TRADE MGMT/MKTG	195	0.0106	0.0146	0.0038	0.0130	0.0166	0.0079	-0.0001	0.0049	0.0165	-0.0008
738	SUPERVISOR IN BUS	87	-0.0285	-0.0200	-0.0273	-0.0245	-0.0090	-0.0037	-0.0252	0.0061	-0.0294	-0.0074
741	SLSCLERK	73	-0.0083	-0.0108	-0.0053	-0.0151	-0.0202	-0.0044	-0.0106	-0.0050	-0.0106	0.0049
742	RTEMAN (MILK, LAUNDRY, ETC)	12	-0.0244	-0.0378	-0.0276	-0.0110	-0.0114	-0.0153	-0.0213	-0.0131	-0.0021	0.0002
743	STOCKBROKER	23	0.0142	0.0190	0.0266	0.0235	0.0063	-0.0001	0.0156	0.0179	0.0023	-0.0006
745	REAL ESTATE SLSMAN	25	-0.0014	-0.0010	-0.0014	0.0131	0.0051	-0.0052	-0.0011	0.0043	-0.0079	-0.0021
746	INSURANCE SLSMAN	61	0.0083	0.0051	0.0083	0.0035	-0.0112	-0.0090	-0.0006	-0.0014	0.0032	-0.0041
747	AUTO SLSMAN	22	0.0045	-0.0121	0.0130	0.0069	0.0002	0.0047	-0.0160	-0.0064	0.0051	-0.0111
748	OTHER SLSMAN (NEC)	350	0.0058	-0.0057	-0.0030	0.0016	0.0206	-0.0043	-0.0130	-0.0064	0.0047	-0.0068
749	SALES MGR	73	0.0057	-0.0115	0.0117	0.0034	0.0150	0.0038	-0.0115	-0.0130	-0.0051	-0.0122
751	BOOKKEEPER	10	0.0056	-0.0033	-0.0079	-0.0056	-0.0019	0.0106	0.0004	0.0049	0.0137	-0.0085
755	MISC ACCT RECDG	27	-0.0150	-0.0288	-0.0278	-0.0175	-0.0004	0.0005	-0.0207	-0.0105	-0.0055	-0.0139
758	COMPUTER OPERATOR	78	-0.0102	-0.0062	0.0015	-0.0087	-0.0055	0.0050	-0.0123	0.0012	0.0031	0.0001
769	CLERK (MISC)	24	-0.0165	-0.0322	-0.0263	-0.0191	-0.0208	-0.0089	-0.0296	-0.0279	-0.0230	-0.0144
772	OFFICE MGR	28	-0.0058	0.0009	-0.0072	0.0013	-0.0101	-0.0077	-0.0111	0.0030	-0.0055	-0.0080
789	OTHER "PUB CONT" OCCS	14	0.0024	0.0041	0.0101	0.0021	-0.0072	0.0015	-0.0174	0.0082	-0.0088	-0.0100
791	RADIO, TELEGR, TTY OP	14	-0.0054	-0.0133	-0.0081	-0.0215	-0.0102	0.0070	0.0010	-0.0040	-0.0088	0.0057
797	MISC CLERICAL	112	-0.0275	-0.0291	-0.0090	-0.0308	-0.0214	-0.0154	-0.0246	-0.0252	-0.0250	-0.0048
798	MISC ADMINISTRATIVE	38	0.0058	0.0033	0.0082	0.0061	0.0016	0.0038	-0.0101	0.0021	-0.0117	0.0047
810	ELECTRICIAN	163	-0.0425	-0.0357	-0.0371	-0.0416	-0.0303	-0.0390	-0.0516	-0.0295	-0.0268	0.0159
811	ELECTRONIC TECHNICIAN	212	-0.0004	-0.0015	-0.0050	-0.0256	-0.0149	-0.0074	-0.0209	-0.0102	-0.0138	0.0200
812	APPLIANCE REPAIR	55	-0.0424	-0.0363	-0.0369	-0.0239	-0.0060	-0.0233	-0.0188	-0.0101	-0.0293	-0.0013
813	PHONE INSTALL & REPAIR	39	-0.0087	-0.0085	-0.0049	-0.0044	0.0026	-0.0114	-0.0053	-0.0145	-0.0136	0.0126
814	REPAIR & SERV COMP	32	-0.0018	-0.0027	-0.0107	-0.0106	0.0011	-0.0030	-0.0073	-0.0074	0.0053	0.0057
820	MECHANIC (NEC)	116	-0.0588	-0.0426	-0.0559	-0.0505	-0.0445	-0.0399	-0.0552	-0.0029	-0.0190	0.0204
821	AUTO MECHANIC	74	-0.0391	-0.0381	-0.0355	-0.0330	-0.0355	-0.0338	-0.0411	-0.0165	-0.0037	0.0021
822	AIRPLANE MECHANIC	58	-0.0285	-0.0235	-0.0147	-0.0287	-0.0178	-0.0213	-0.0379	-0.0128	-0.0079	0.0168
823	OFFICE MACH REPAIR	17	-0.0112	-0.0180	-0.0194	-0.0039	-0.0047	-0.0100	-0.0019	0.0075	-0.0024	0.0032
824	IND MACH REPAIR	21	-0.0333	-0.0319	-0.0149	-0.0172	-0.0063	-0.0084	-0.0157	-0.0238	-0.0108	0.0020
828	MACHINIST	176	-0.0465	-0.0532	-0.0564	-0.0485	-0.0197	-0.0525	-0.0581	-0.0168	-0.0275	0.0223
831	CABINET MAKER	13	-0.0322	-0.0259	-0.0159	-0.0348	-0.0028	-0.0123	-0.0158	-0.0058	0.0115	0.0139
832	CARPENTER	55	-0.0398	-0.0451	-0.0315	-0.0286	-0.0340	-0.0191	-0.0258	-0.0188	-0.0111	0.0269
833	METAL TRADES	92	-0.0585	-0.0646	-0.0362	-0.0418	-0.0320	-0.0262	-0.0442	-0.0148	-0.0224	0.0283
834	BRKLYR, MASON, PTR, RFR	62	-0.0344	-0.0481	-0.0280	-0.0352	-0.0294	-0.0393	-0.0449	-0.0134	-0.0156	0.0105
835	PLUMBER, PIPEFTR	72	-0.0472	-0.0551	-0.0404	-0.0451	-0.0198	-0.0375	-0.0336	-0.0279	-0.0254	0.0074
836	HEAVY EQUIP OP	47	-0.0476	-0.0316	-0.0383	-0.0404	-0.0392	-0.0095	-0.0448	-0.0074	-0.0238	0.0265
837	MISC BLDG & CONST	71	-0.0449	-0.0336	-0.0297	-0.0324	-0.0207	-0.0142	-0.0259	-0.0234	-0.0182	0.0210
838	MINING, QURYNG, DRLNG	15	-0.0257	-0.0263	-0.0225	-0.0163	-0.0411	-0.0073	-0.0277	-0.0167	-0.0085	0.0187
841	PILOT	99	0.0288	0.0335	0.0419	0.0257	0.0306	0.0307	0.0260	0.0232	0.0114	0.0109
848	AIR TRAFFIC CONTROLLER	13	0.0031	0.0047	0.0218	-0.0005	-0.0060	0.0049	0.0019	-0.0033	0.0013	-0.0006
851	MERCHANT MARINE OCC	10	-0.0006	-0.0054	0.0065	-0.0028	0.0054	0.0040	0.0067	0.0020	0.0059	-0.0002
852	RAILROAD OCCS	10	-0.0068	-0.0177	0.0011	-0.0154	-0.0092	-0.0090	-0.0136	-0.0125	-0.0019	-0.0043
853	AUTO, BUS, TRUCK DRVR	85	-0.0603	-0.0482	-0.0446	-0.0365	-0.0356	-0.0348	-0.0570	-0.0280	-0.0229	0.0094
861	PRINTING TRADES	136	-0.0251	-0.0175	-0.0173	-0.0249	-0.0167	-0.0410	-0.0386	-0.0232	-0.0229	-0.0060
863	SURVEYOR	27	-0.0187	-0.0163	-0.0049	-0.0107	-0.0026	-0.0055	-0.0117	0.0054	0.0040	0.0138
864	DRAFTSMAN	140	-0.0339	-0.0218	-0.0330	-0.0424	-0.0120	-0.0278	-0.0314	-0.0096	-0.0123	0.0043
865	PHOTOGRAPHY	39	0.0054	-0.0127	-0.0085	-0.0044	-0.0104	-0.0081	-0.0121	-0.0072	-0.0096	-0.0136
867	LANDSCAPE ARCHIT	13	0.0031	0.0047	-0.0018	0.0068	0.0004	-0.0066	-0.0022	0.0195	0.0149	0.0139
868	CLTHNG & FASH TRADES	14	-0.0211	-0.0202	-0.0157	-0.0097	-0.0072	-0.0151	-0.0088	0.0009	0.0109	-0.0030
881	FOOD & BEVERAGE PREP	28	-0.0169	-0.0336	-0.0190	-0.0187	-0.0254	-0.0155	-0.0311	-0.0143	-0.0171	-0.0203
885	BUTCHER, MEAT CUTTER	23	-0.0287	-0.0407	-0.0207	-0.0234	-0.0057	-0.0174	-0.0234	-0.0107	-0.0157	0.0090
891	MISC PERSONAL SERVICES	12	-0.0075	-0.0228	-0.0227	-0.0033	-0.0347	-0.0272	-0.0099	-0.0078	0.0015	-0.0130
892	BARBER	41	-0.0520	-0.0342	-0.0459	-0.0433	-0.0388	-0.0246	-0.0370	-0.0180	-0.0077	-0.0079
893	HAIRDRESSER	15	-0.0134	-0.0234	-0.0316	-0.0239	-0.0232	-0.0204	-0.0170	0.0024	-0.0150	-0.0222
899	GENERAL LABORER	277	-0.0830	-0.0888	-0.0810	-0.0794	-0.0659	-0.0425	-0.0869	-0.0431	-0.0481	0.0189

TABLE 4.3 (continued)

			POINT BISERIAL CORRELATIONS									
			INFORMATION TEST II (CONTD.)									
#	GROUP	N	FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY	GAMES (SEDENT)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS
			R-146	R-147	R-148	R-149	R-150	R-151	R-152	R-162	R-211	R-212
000	NO ANSWER	1812	-0.0121	-0.0341	-0.0277	-0.0314	-0.0484	-0.0380	-0.0454	-0.0637	-0.0115	-0.0560
001	DON'T KNOW	803	-0.0103	-0.0372	-0.0450	-0.0410	-0.0541	-0.0419	-0.0579	-0.0543	-0.0231	-0.0432
101	EXECUTIVE (NEC)	43	-0.0070	0.0064	0.0123	-0.0089	0.0081	0.0106	0.0052	0.0133	0.0006	0.0065
102	FOREMAN (NEC)	49	0.0146	0.0004	-0.0096	-0.0276	-0.0143	-0.0134	-0.0274	-0.0138	-0.0030	-0.0196
111	WORK FOR GOVT (NEC)	52	-0.0055	-0.0031	0.0047	0.0013	0.0045	0.0025	0.0041	-0.0107	-0.0229	-0.0080
112	IN BUS FOR SELF (NEC)	278	0.0036	-0.0096	-0.0130	-0.0183	-0.0277	0.0003	-0.0340	-0.0233	-0.0069	-0.0204
120	IND, BUS, COMM (NEC)	141	-0.0040	-0.0123	-0.0118	0.0003	-0.0186	-0.0132	-0.0262	-0.0247	0.0011	-0.0094
121	RETAIL (NEC)	33	0.0077	0.0027	-0.0061	-0.0089	-0.0149	-0.0093	-0.0135	0.0005	-0.0089	-0.0136
122	TRANSPORTATION (NEC)	27	-0.0150	-0.0037	-0.0038	-0.0203	-0.0037	0.0017	-0.0091	0.0042	-0.0023	-0.0138
123	REAL ESTATE (NEC)	17	0.0093	-0.0027	-0.0065	-0.0017	-0.0045	0.0137	-0.0005	0.0031	0.0086	-0.0020
124	INSURANCE (NEC)	35	-0.0045	-0.0085	0.0021	0.0027	0.0029	0.0040	0.0045	0.0014	-0.0153	-0.0049
125	ELECTRONICS (NEC)	156	0.0086	-0.0061	-0.0016	-0.0209	-0.0263	-0.0348	-0.0216	-0.0104	0.0032	-0.0165
150	RESEARCH (NEC)	9	0.0214	0.0133	0.0005	0.0038	0.0107	0.0010	0.0064	-0.0030	0.0059	0.0048
211	MATH, STAT	46	-0.0077	0.0253	0.0250	0.0284	0.0260	0.0039	0.0426	0.0354	0.0161	0.0270
212	OTHER STATISTICS	14	-0.0069	0.0036	0.0077	0.0152	0.0149	0.0265	0.0194	0.0184	-0.0072	0.0187
221	SYSTEMS ANALYST	42	0.0108	0.0109	0.0172	0.0188	0.0095	0.0137	0.0249	0.0189	0.0159	0.0265
222	COMPUTER PROGRAMMER	121	-0.0131	0.0063	0.0103	0.0259	0.0301	0.0049	0.0274	0.0292	0.0074	0.0150
229	COMPUTER SPEC (NEC)	20	0.0071	0.0053	-0.0050	0.0186	0.0137	0.0082	0.0159	0.0121	0.0074	0.0128
230	PHYSICAL SCI (NEC)	18	-0.0077	0.0024	0.0007	0.0236	0.0140	0.0123	0.0158	0.0052	0.0037	0.0181
231	CHEMIST	81	0.0285	0.0504	0.0363	0.0474	0.0408	0.0288	0.0389	0.0434	0.0210	0.0317
232	PHYSICIST	64	0.0135	0.0382	0.0367	0.0314	0.0229	0.0128	0.0607	0.0417	-0.0011	0.0241
234	GEOLOGIST	17	0.0108	0.0165	0.0081	0.0170	0.0154	0.0080	0.0134	0.0203	0.0065	0.0029
235	METEOROLOGIST	10	-0.0062	0.0037	0.0022	0.0131	0.0165	-0.0027	0.0143	0.0128	0.0128	0.0103
240	ENGINEER (NEC)	167	0.0163	0.0425	0.0370	0.0333	0.0435	0.0177	0.0559	0.0550	0.0190	0.0494
241	CIVIL ENGINEER	105	0.0042	0.0216	0.0154	0.0321	0.0149	-0.0014	0.0256	0.0306	0.0087	0.0305
242	ELECTRICAL ENGINEER	243	0.0039	0.0500	0.0571	0.0681	0.0456	0.0172	0.0871	0.0578	0.0384	0.0498
243	MECH ENGINEER	143	0.0273	0.0559	0.0278	0.0330	0.0322	0.0089	0.0544	0.0457	0.0129	0.0187
244	AERONAUTICAL ENG	37	-0.0054	0.0265	0.0177	0.0045	0.0158	0.0077	0.0177	0.0234	0.0057	-0.0031
245	CHEM ENGINEER	58	0.0405	0.0343	0.0103	0.0378	0.0271	0.0247	0.0413	0.0428	0.0130	0.0563
250	ARCHITECT	58	-0.0018	0.0271	0.0199	0.0240	0.0208	0.0247	0.0231	0.0288	0.0167	0.0207
299	PHYS SCI, LAB TECH	78	0.0152	0.0069	-0.0018	0.0063	-0.0057	-0.0079	-0.0028	0.0078	-0.0027	0.0103
310	BIOLOGIST, ZOOLOGIST	32	0.0477	0.0287	0.0248	0.0203	0.0272	0.0227	0.0213	0.0286	0.0195	0.0109
313	SPEC IN AGRIC SCI	35	0.0336	0.0082	-0.0041	0.0039	-0.0110	-0.0117	-0.0059	0.0014	0.0034	-0.0034
314	WLDLF/FOREST SPEC	49	0.0505	0.0224	0.0007	0.0024	-0.0088	-0.0067	-0.0035	0.0116	0.0204	0.0045
316	MICROBIOLOGIST	15	-0.0017	0.0103	0.0089	0.0062	0.0184	0.0066	0.0070	0.0213	0.0062	-0.0028
317	BIOCHEMIST	9	0.0107	0.0067	-0.0036	0.0202	0.0123	0.0087	0.0080	0.0059	0.0191	0.0120
322	MD-SURGEON	14	-0.0018	0.0010	0.0045	0.0171	0.0188	0.0223	0.0220	0.0208	0.0011	0.0117
329	MD-OTHER	229	0.0100	0.0638	0.0576	0.0812	0.0823	0.1073	0.0957	0.0880	0.0306	0.0942
332	DENTIST	97	0.0273	0.0362	0.0176	0.0260	0.0236	0.0388	0.0482	0.0292	0.0087	0.0378
333	VETERINARIAN	20	0.0244	-0.0036	0.0193	0.0108	0.0051	0.0082	0.0191	0.0131	-0.0015	0.0076
343	PHYS THERAPIST	11	-0.0098	-0.0004	-0.0035	-0.0100	-0.0028	0.0008	-0.0044	-0.0078	0.0020	-0.0019
347	MED/DENT TECHNOL	16	-0.0049	0.0005	-0.0021	-0.0075	-0.0048	-0.0081	0.0038	0.0041	-0.0067	-0.0016
348	MED/DENT TECHNICIAN	27	-0.0050	0.0049	0.0078	0.0013	0.0010	-0.0087	0.0028	-0.0052	0.0070	-0.0099
350	HOSPITAL ADMIN	11	0.0038	0.0115	0.0147	0.0047	0.0088	0.0055	0.0042	0.0096	0.0029	0.0032
335	PHARMACIST	91	0.0181	0.0160	0.0274	0.0043	0.0177	0.0165	0.0204	0.0242	0.0053	0.0165
360	PSYCHOLOGIST	106	-0.0046	0.0293	0.0358	0.0465	0.0576	0.0547	0.0517	0.0508	0.0108	0.0350
370	SOCIAL WORKER	60	-0.0126	-0.0082	0.0022	0.0069	0.0144	0.0172	0.0104	0.0192	-0.0015	0.0165
371	PSYCHIATRIC SOC WRKR	9	0.0021	-0.0016	0.0085	-0.0008	0.0123	0.0061	0.0064	0.0014	-0.0035	0.0218
372	COUNSELING/GUIDANCE	12	-0.0131	0.0015	-0.0157	0.0071	0.0003	-0.0026	-0.0050	-0.0086	-0.0030	-0.0037
373	VOC/ED GUIDANCE	23	-0.0162	-0.0075	0.0038	0.0055	0.0043	0.0052	0.0052	-0.0023	0.0028	0.0005
382	ECONOMIST	23	0.0106	0.0184	0.0114	0.0245	0.0254	0.0245	0.0212	0.0236	0.0051	0.0056
389	SOCIAL SCI (MISC)	21	-0.0141	0.0001	0.0016	0.0079	0.0136	0.0088	-0.0038	0.0071	0.0041	0.0152
392	DIPLOMAT	22	0.0054	0.0015	0.0104	0.0171	0.0288	0.0259	0.0202	0.0117	0.0107	0.0306
393	LAWYER	393	-0.0056	0.0475	0.0436	0.0750	0.1071	0.1005	0.0889	0.0862	0.0025	0.0685
394	MARKET ANALYST	10	-0.0082	0.0100	0.0213	0.0087	0.0211	0.0168	0.0188	0.0057	0.0110	0.0049
398	CITY PLANNER (NEC)	12	0.0111	0.0287	-0.0018	0.0071	0.0267	0.0264	0.0184	0.0209	-0.0005	0.0128
400	TEACHER (NEC)	423	-0.0016	0.0181	0.0151	0.0126	0.0306	0.0081	0.0191	0.0263	0.0041	0.0289
412	TEACHER-ELEM	45	0.0028	0.0016	0.0100	-0.0102	0.0024	0.0091	-0.0085	-0.0120	-0.0091	0.0012
420	TEACHER-HS (NEC)	69	0.0146	0.0079	0.0052	-0.0006	0.0115	0.0025	0.0068	0.0126	0.0035	0.0135
421	TEACHER-HS MATH	62	-0.0083	0.0056	0.0021	0.0091	-0.0015	-0.0155	0.0120	0.0078	0.0090	0.0147
422	TEACHER-HS SCI	50	0.0208	0.0196	0.0083	0.0146	0.0200	0.0015	0.0218	0.0223	0.0130	0.0027
423	TEACHER-HS SOC ST	94	-0.0088	0.0040	0.0050	0.0106	0.0361	0.0150	0.0237	0.0230	0.0088	0.0223
424	TEACHER-ENGLISH	45	-0.0107	0.0068	0.0154	0.0170	0.0362	0.0495	0.0172	0.0231	0.0150	0.0349
425	TEACHER-FOREIGN LANG	10	-0.0001	-0.0119	0.0022	0.0043	0.0059	0.0095	0.0037	0.0029	0.0048	0.0098
426	TEACHER-COMM ED	16	-0.0113	-0.0032	0.0010	-0.0057	0.0060	-0.0100	-0.0022	0.0064	0.0025	-0.0074
428	TEACHER-TRADES	45	0.0056	0.0046	-0.0026	-0.0258	-0.0076	-0.0058	-0.0078	-0.0080	0.0107	0.0014
429	TEACHER-PHYS ED	57	-0.0053	0.0107	0.0017	0.0063	0.0062	-0.0125	-0.0003	-0.0087	-0.0095	-0.0058
431	TEACHER-ART	15	0.0049	-0.0038	-0.0129	-0.0011	0.0097	0.0046	0.0058	0.0076	-0.0026	0.0032
432	TEACHER-MUSIC	38	-0.0064	0.0143	0.0047	0.0184	0.0274	0.0119	0.0046	0.0174	-0.0059	0.0009
440	TEACHER-HANDICAPPED	18	-0.0031	0.0153	0.0063	0.0021	0.0208	0.0123	0.0135	0.0146	0.0090	0.0148
450	SCHOOL ADMIN (EXC COLL)	43	-0.0109	[illegible]	0.0012	-0.0004	0.0140	-0.0012	-0.0049	0.0140	0.0053	0.0068
460	COLL/UNIV TCHR (NEC)	179	0.0002	0.0367	0.0470	0.0419	0.0657	0.0623	0.0577	0.0632	0.0286	0.0678
461	COLL/UNIV TCHR-MATH	28	0.0036	0.0332	0.0178	0.0466	0.0284	0.0097	0.0347	0.0328	0.0278	0.0411
462	COLL/UNIV TCHR-SCI	68	0.0366	0.0283	0.0192	0.0383	0.0308	0.0320	0.0477	0.0390	-0.0048	0.0281
463	COLL/UNIV TCHR-SOC SCI	85	-0.0065	0.0295	0.0300	0.0350	0.0622	0.0415	0.0446	0.0460	0.0171	0.0453
464	COLL/UNIV TCHR-ENGLISH	57	-0.0181	0.0245	0.0225	0.0508	0.0725	0.0428	0.0465	0.0466	0.0086	0.0447
465	COLL/UNIV TCHR-FOR LANG	15	-0.0034	0.0180	0.0058	0.0044	0.0246	0.0226	0.0280	0.0202	0.0062	0.0340
521	CLERGYMAN	176	-0.0056	0.0261	0.0151	0.0132	0.0350	0.0309	0.0443	0.0327	0.0263	0.0542
522	MONK, BROTHER, NUN	16	-0.0033	0.0030	-0.0051	-0.0005	0.0132	0.0112	0.0097	0.0053	0.0032	0.0104
523	RELIG WRKR (OTHER)	14	0.0120	0.0036	0.0077	0.0096	-0.0056	-0.0127	0.0003	0.0065	-0.0065	-0.0028
531	WRITER (NEC)	24	-0.0080	-0.0080	-0.0001	-0.0042	0.0221	0.0058	0.0289	0.0160	0.0010	0.0197
534	JRNLIST/REPRTER	43	-0.0109	0.0110	0.0049	0.0178	0.0382	0.0165	0.0336	0.0323	0.0036	0.0209
539	TRNSLTR, INTRPRTR, LINGST	9	0.0021	0.0067	0.0085	0.0062	0.0059	0.0139	0.0143	0.0118	-0.0016	0.0290
541	FINE ARTS	16	0.0031	0.0116	-0.0051	0.0100	0.0204	0.0093	0.0109	0.0064	0.0039	0.0119
545	COMM ARTIST	48	-0.0020	-0.0063	-0.0123	-0.0130	0.0090	0.0094	0.0003	-0.0018	-0.0043	0.0024
547	DESIGNER (CONS GDS)	28	-0.0110	0.0089	-0.0118	-0.0208	0.0084	0.0141	0.0059	0.0076	-0.0102	0.0025
551	MUSICIAN	24	-0.0040	0.0042	0.0098	0.0115	0.0270	0.0027	0.0202	0.0069	-0.0025	0.0083

TABLE 4.3 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INFORMATION TEST II (CONTD.)									
			FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY	GAMES (SEDENT)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS
			R-146	R-147	R-148	R-149	R-150	R-151	R-152	R-162	R-211	R-212
559	MUSIC-RELATED (MISC)	15	-0.0100	-0.0089	0.0089	0.0116	0.0246	0.0126	0.0070	0.0065	-0.0048	0.0000
575	THEATRE (OTHER)	23	-0.0095	0.0039	0.0114	0.0201	0.0314	0.0229	0.0222	0.0245	0.0010	0.0160
578	RADIO/TV ANNOUNCER	17	-0.0001	0.0045	0.0257	0.0034	0.0200	0.0005	0.0123	0.0074	-0.0058	-0.0012
579	MISC PERF ARTS	12	-0.0019	-0.0014	0.0017	0.0051	0.0114	0.0064	0.0019	0.0106	0.0036	-0.0158
611	ATHLETE	10	0.0040	-0.0010	-0.0016	0.0021	0.0028	0.0119	0.0007	0.0029	0.0083	0.0034
612	PRO ATHLETICS (AUX)	15	0.0033	-0.0101	-0.0129	-0.0029	-0.0077	-0.0054	-0.0139	-0.0119	-0.0150	-0.0068
621	RECREATION DIR	18	0.0014	-0.0046	-0.017[illegible]	-0.0127	-0.0075	-0.0113	-0.0112	-0.0199	-0.0016	-0.0082
623	FRSTRY, HUNT, TRAP	19	0.0206	0.0005	-0.0092	-0.0183	-0.0182	-0.0226	-0.0060	-0.0122	-0.0009	-0.0003
631	FARM/RANCH OWNER	128	-0.0145	-0.0280	-0.0348	-0.0480	-0.0683	-0.0676	-0.0600	-0.0662	-0.0088	-0.0358
639	FARMING (OTHER)	244	-0.0231	-0.0635	-0.0470	-0.0809	-0.0985	-0.0828	-0.1040	-0.0964	-0.0218	-0.0453
640	MILITARY (RANK NOT IND)	54	-0.0036	-0.0100	-0.0021	-0.0068	-0.0071	-0.0123	-0.0103	0.0035	-0.0028	-0.0045
641	MILITARY-ENLISTED	13	0.0017	-0.0146	-0.0136	-0.0120	-0.0208	-0.0186	-0.0108	-0.0007	0.0152	-0.0101
642	MILITARY-OFFICER	108	0.0135	0.0337	0.0156	0.0201	0.0307	0.0139	0.0462	0.0419	0.0140	0.0288
650	INTELLIGENCE-CIA, ETC.	21	0.0027	0.0131	0.0095	0.0018	0.0083	0.0071	0.0108	0.0138	0.0183	0.0071
661	POLICE (PUBLIC)	151	0.0003	-0.0134	-0.0187	-0.0180	-0.0172	-0.0091	-0.0189	-0.0093	-0.0149	-0.0274
666	FIREMAN	41	-0.0092	-0.0202	-0.0174	-0.0163	-0.0033	-0.0073	-0.0229	-0.0108	-0.0207	-0.0288
669	OTHER PROTECTIVE	22	-0.0069	-0.0133	-0.0153	-0.0082	-0.0071	-0.0037	-0.0083	-0.0176	-0.0014	-0.0054
711A	BANKING & FINANCE, I	63	0.0031	-0.0173	-0.0109	-0.0039	-0.0086	-0.0149	-0.0264	-0.0079	-0.0082	-0.0116
711B	BANKING & FINANCE, II	116	0.0040	0.0162	0.0147	0.0151	0.0178	0.0270	0.0110	0.0350	0.0062	0.0022
712	INVSTMNT, STOCK CONSULT	11	0.0019	0.0011	0.0037	0.0216	0.0073	0.0102	-0.0073	0.0110	0.0046	0.0032
716	CPA	280	-0.0174	-0.0046	0.0124	0.0217	0.0172	0.0138	0.0216	0.0245	-0.0040	0.0076
717	ACCTANT (EXC CPA)	202	-0.0276	-0.0213	-0.0040	-0.0126	-0.0106	-0.0271	-0.0050	-0.0113	-0.0013	0.0008
721	PURCHASING AGENT	25	-0.0142	-0.0214	-0.0183	-0.0163	0.0035	0.0080	-0.0084	-0.0029	-0.0097	-0.0077
722	RETAIL BUYER	22	-0.0001	0.0110	0.0104	0.0186	0.0165	0.0193	-0.0053	0.0079	-0.0032	-0.0060
723	EFFICIENCY EXPERT	111	0.0065	0.0182	0.0262	0.0198	0.0072	0.0045	0.0153	0.0233	0.0036	0.0143
724	ADVERTISING	40	-0.0235	-0.0067	0.0006	0.0108	0.0164	0.0128	0.0090	0.0157	-0.0075	0.0054
725	PUBLIC RELATIONS	31	-0.0070	0.0093	0.0004	0.0190	0.0258	0.0182	0.0170	0.0139	0.0030	0.0114
726	PERSONNEL ADMIN	81	0.0077	0.0096	0.0014	0.0014	0.0220	0.0064	0.0235	0.0202	0.0096	0.0061
727	APPRAISING, ESTIMATING	35	-0.0044	0.0134	0.0070	-0.0016	0.0038	0.0084	0.0032	0.0140	0.0029	0.0015
728	LOAN/CREDIT INVESTIG	29	0.0035	-0.0048	0.0006	-0.0058	0.0138	0.0074	0.0070	0.0051	-0.0053	0.0024
730	BUS MGMT ADM (NEC)	511	0.0158	0.0202	0.0183	0.0143	0.0265	0.0265	0.0374	0.0391	0.0073	0.0165
731	MFG MGMT	95	0.0144	0.0204	0.0241	0.0086	0.0261	0.0265	0.0252	0.0271	0.0163	0.0099
732	WHSL/RET TRADE MGMT/MKTG	195	-0.0035	-0.0097	0.0045	0.0007	0.0140	0.0284	0.0049	0.0081	-0.0059	0.0007
738	SUPERVISOR IN BUS	87	-0.0064	-0.0110	-0.0210	-0.0138	-0.0205	-0.0246	-0.0144	-0.0141	-0.0080	-0.0291
741	SLSCLERK	23	-0.0095	-0.0157	-0.0163	-0.0237	-0.0148	-0.0142	-0.0117	-0.0079	-0.0043	-0.0102
742	RTEMAN (MILK, LAUNDRY, ETC)	12	-0.0131	-0.0128	-0.0122	-0.0131	-0.0205	-0.0070	-0.0353	-0.0240	-0.0209	-0.0203
743	STOCKBROKER	23	-0.0041	0.0080	0.0189	0.0113	0.0174	0.0197	0.0222	0.0190	-0.0008	0.0115
745	REAL ESTATE SLSMAN	26	0.0037	-0.0060	-0.0003	0.0050	0.0036	0.0238	-0.0088	-0.0028	-0.0045	-0.0009
746	INSURANCE SLSMAN	61	0.0155	0.0067	-0.0002	-0.0063	-0.0028	0.0047	-0.0066	0.0055	0.0018	0.0020
747	AUTO SLSMAN	22	-0.0015	-0.0101	-0.0024	-0.0127	0.0052	0.0111	-0.0053	-0.0091	-0.0044	-0.0034
748	OTHER SLSMAN (NEC)	350	0.004[illegible]	0.0025	-0.0019	-0.0128	-0.0108	0.0128	-0.0195	-0.0106	-0.0101	-0.0144
749	SALES MGR	73	0.0029	-0.0043	-0.0079	0.0144	0.0116	0.0033	-0.0002	-0.0006	-0.0036	-0.0004
751	BOOKKEEPER	10	0.0060	0.0037	-0.0093	-0.0045	-0.0078	-0.0076	-0.0129	-0.0041	0.0217	0.0025
755	MISC ACCT RECDG	27	-0.0125	-0.0161	-0.0015	-0.0176	-0.0222	-0.0057	-0.0275	-0.0308	0.0054	-0.0105
758	COMPUTER OPERATOR	73	-0.0089	-0.0049	0.0187	0.0032	-0.0095	-0.0087	-0.0006	-0.0003	-0.0207	-0.0132
769	CLERK (MISC)	24	-0.0014	-0.0282	-0.0198	-0.0185	-0.0202	-0.0131	-0.0285	-0.0221	-0.0077	-0.0201
772	OFFICE MGR	28	-0.0159	-0.0164	-0.0050	-0.0023	-0.0016	0.0053	-0.0113	-0.0042	-0.0231	-0.0189
789	OTHER "PUB CONT" OCCS	14	-0.0035	-0.0096	-0.0019	-0.0054	-0.0043	0.0079	-0.0048	-0.0112	0.0011	-0.0032
791	RADIO, TELEGR, TTY OP	14	-0.0001	-0.0070	-0.0019	0.0002	-0.0172	-0.0189	-0.0124	-0.0112	0.0011	0.0042
797	MISC CLERICAL	112	-0.0136	-0.0222	-0.0306	-0.0186	-0.0279	-0.0274	-0.0280	-0.0361	-0.0079	-0.0158
798	MISC ADMINISTRATIVE	38	-0.0032	-0.0009	0.0086	0.0014	-0.0069	-0.0018	-0.0201	-0.0014	-0.0059	-0.0016
810	ELECTRICIAN	168	-0.0067	-0.0289	-0.0254	-0.0404	-0.0513	-0.0360	-0.0529	-0.0436	-0.0004	-0.0355
811	ELECTRONIC TECHNICIAN	212	0.0140	-0.0097	-0.0076	-0.0162	-0.0204	-0.0228	0.0147	-0.0077	0.0126	-0.0236
812	APPLIANCE REPAIR	55	-0.0036	-0.0237	-0.0226	-0.0234	-0.0342	-0.0315	-0.0363	-0.0324	-0.0162	-0.0091
813	PHONE INSTALL & REPAIR	39	0.0040	-0.0062	-0.0100	-0.0107	-0.0036	0.0000	-0.0157	-0.0084	-0.0035	-0.0207
814	REPAIR & SERV COMP	32	0.0113	0.0007	0.0014	-0.0069	-0.0034	-0.0060	-0.0065	-0.0098	0.0105	-0.0023
820	MECHANIC (NEC)	116	-0.0056	-0.0290	-0.0359	-0.0318	-0.0584	-0.0334	-0.0378	-0.0585	-0.0043	-0.0438
821	AUTO MECHANIC	74	-0.0166	-0.0358	-0.0297	-0.0360	-0.0393	-0.0233	-0.0444	-0.0388	-0.0151	-0.0388
822	AIRPLANE MECHANIC	68	0.0061	-0.0018	-0.0101	-0.0272	-0.0265	-0.0327	-0.0224	-0.0257	-0.0058	-0.0275
823	OFFICE MACH REPAIR	17	-0.0001	-0.0111	-0.0007	-0.0017	-0.0138	-0.0013	-0.0143	-0.0023	-0.0072	-0.0035
824	IND MACH REPAIR	21	0.0027	-0.0107	-0.0274	-0.0165	-0.0200	-0.0063	-0.0163	-0.0239	0.0047	-0.0102
828	MACHINIST	176	-0.0002	-0.0359	-0.0343	-0.0287	-0.0526	-0.0522	-0.0583	-0.0538	-0.0102	-0.0405
831	CABINET MAKER	13	0.0071	-0.0063	-0.0102	-0.0139	-0.0314	-0.0271	-0.0161	-0.0327	0.0121	-0.0058
832	CARPENTER	55	-0.0149	-0.0183	-0.0128	-0.0234	-0.0440	-0.0336	-0.0428	-0.0378	-0.0100	-0.0328
833	METAL TRADES	92	-0.0008	-0.0388	-0.0314	-0.0328	-0.0663	-0.0526	-0.0523	-0.0589	-0.0054	-0.0395
834	BRKLYR, MASON, PTR, RFR	62	-0.0018	-0.0240	-0.0301	-0.0327	-0.0461	-0.0175	-0.0390	-0.0323	-0.0148	-0.0272
835	PLUMBER, PIPEFTR	72	-0.0085	-0.0308	-0.0215	-0.0320	-0.0304	-0.0327	-0.0483	-0.0536	-0.0046	-0.0280
836	HEAVY EQUIP OP	47	0.0027	-0.0225	-0.0167	-0.0257	-0.0226	-0.0328	-0.0425	-0.0427	-0.0085	-0.0254
837	MISC BLDG & CONST	71	0.0067	-0.0218	-0.0208	-0.0317	-0.0347	-0.0307	-0.0257	-0.0318	0.0031	-0.0197
838	MINING, QURYNG, DRLNG	16	0.0064	-0.0181	-0.0141	-0.0250	-0.0289	-0.0255	-0.0260	-0.0280	0.0032	-0.0117
841	PILOT	99	0.0083	0.0437	0.0307	0.0142	0.0313	0.0236	0.0251	0.0205	0.0120	0.0237
848	AIR TRAFFIC CONTROLLER	13	0.0106	-0.0063	0.0032	-0.0081	0.0019	0.0050	-0.0082	0.0017	-0.0193	-0.0110
851	MERCHANT MARINE OCC	10	0.0040	0.0006	-0.0131	0.0021	-0.0002	0.0021	-0.0068	0.0043	-0.0006	0.0034
852	RAILROAD OCCS	10	-0.0082	-0.0119	-0.0207	-0.0045	-0.0169	-0.0076	-0.0053	-0.0069	0.0056	-0.0122
853	AUTO, BUS, TRUCK DRVR	85	-0.0051	-0.0362	-0.0421	-0.0532	-0.0482	-0.0399	-0.0602	-0.0626	-0.0250	-0.0311
861	PRINTING TRADES	106	-0.0002	-0.0209	-0.0077	-0.0189	-0.0240	-0.0183	-0.0412	-0.0205	-0.0250	-0.0315
863	SURVEYOR	27	-0.0026	0.0001	-0.0085	-0.0135	-0.0213	-0.0265	-0.0183	-0.0189	0.0010	-0.0069
864	DRAFTSMAN	140	0.0020	-0.0251	-0.0225	-0.0028	-0.0412	-0.0280	-0.0237	-0.0274	-0.0064	-0.0180
865	PHOTOGRAPHY	39	-0.0063	-0.0142	0.0248	0.0005	-0.0059	0.0062	-0.0081	-0.0013	-0.0285	-0.0163
867	LANDSCAPE ARCHIT	13	0.0106	0.0170	0.0099	0.0055	0.0099	0.0093	0.0037	0.0177	-0.0052	-0.0045
868	CLTHNG & FASH TRADES	14	-0.0035	-0.0083	-0.0084	-0.0129	-0.0159	-0.0066	-0.0022	-0.0065	-0.0012	-0.0098
881	FOOD & BEVERAGE PREP	28	-0.0135	-0.0380	-0.0187	-0.0182	-0.0189	-0.0122	-0.0356	-0.0319	-0.0145	-0.0282
885	BUTCHER, MEAT CUTTER	23	-0.0001	-0.0292	-0.0163	-0.0149	-0.0238	-0.0142	-0.0236	-0.0347	-0.0049	-0.0228
891	MISC PERSONAL SERVICES	12	-0.0149	-0.0142	-0.0157	-0.0131	-0.0205	-0.0003	-0.0036	-0.0214	-0.0160	-0.0131
892	BARBER	41	-0.0232	-0.0474	-0.0306	-0.0426	-0.0424	-0.0314	-0.0378	-0.0469	-0.0229	-0.0344
893	HAIRDRESSER	15	-0.0183	-0.0242	-0.0191	-0.0209	-0.0127	-0.0014	-0.0139	-0.0222	-0.0113	-0.0211
899	GENERAL LABORER	277	-0.0108	-0.0638	-0.0515	-0.0562	-0.0923	-0.0618	-0.0889	-0.1023	-0.0249	-0.0710

TABLE 4.3 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
				ENGLISH TEST								
			DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION	USAGE	EFFECT EXPRESS	WORD FN IN SENT	READING COMP	CREATIVITY	MECH REASONING
			R-220	R-231	R-232	R-233	R-234	R-235	R-240	R-250	R-260	R-270
000	NO ANSWER	1812	-0.0513	-0.0359	-0.0419	-0.0557	-0.0566	-0.0461	-0.0593	-0.0693	-0.0491	-0.0484
001	DON'T KNOW	803	-0.0403	-0.0302	-0.0330	-0.0547	-0.0468	-0.0369	-0.0543	-0.0582	-0.0586	-0.0574
101	EXECUTIVE (NEC)	43	0.0075	0.0207	0.0124	0.0109	0.0062	0.0003	0.0106	0.0220	0.0073	0.0002
102	FOREMAN (NEC)	49	-0.0101	-0.0295	-0.0160	-0.0283	-0.0337	-0.0192	-0.0258	-0.0237	-0.0088	-0.0014
111	WORK FOR GOVT (NEC)	52	0.0020	0.0020	-0.0105	-0.0142	-0.0095	-0.0120	-0.0054	-0.0069	-0.0191	-0.0156
112	IN BUS FOR SELF (NEC)	278	-0.0205	-0.0421	-0.0196	-0.0463	-0.0246	-0.0077	-0.0416	-0.0380	-0.0088	0.0059
120	IND, BUS, COMM (NEC)	141	-0.0155	-0.0096	-0.0148	-0.0181	-0.0096	-0.0112	-0.0184	-0.0134	-0.0221	-0.0154
121	RETAIL (NEC)	33	-0.0080	-0.0023	0.0053	-0.0097	-0.0065	-0.0093	-0.0181	-0.0123	-0.0121	-0.0086
122	TRANSPORTATION (NEC)	27	-0.0119	-0.0185	-0.0212	-0.0282	-0.0169	-0.0169	-0.0182	-0.0130	-0.0193	-0.0145
123	REAL ESTATE (NEC)	17	0.0062	0.0033	-0.0046	0.0027	0.0030	0.0036	0.0033	0.0061	-0.0075	-0.0162
124	INSURANCE (NEC)	35	0.0046	-0.0013	-0.0127	-0.0178	0.0021	-0.0021	-0.0123	0.0051	-0.0019	-0.0141
125	ELECTRONICS (NEC)	155	-0.0169	-0.0115	-0.0134	-0.0220	-0.0333	-0.0196	-0.0345	-0.0065	0.0069	0.0169
150	RESEARCH (NEC)	9	0.0089	0.0046	0.0064	0.0080	0.0124	-0.0012	0.0064	0.0085	0.0216	0.0083
211	MATH, STAT	46	0.0227	0.0331	0.0235	0.0495	0.0394	0.0319	0.0467	0.0404	0.0382	0.0260
212	OTHER STATISTICS	14	0.0107	0.0167	0.0203	0.0347	0.0303	0.0195	0.0286	0.0106	0.0072	0.0055
221	SYSTEMS ANALYST	42	0.0156	0.0342	0.0186	0.0330	0.0242	0.0144	0.0399	0.0198	0.0153	0.0268
222	COMPUTER PROGRAMMER	121	0.0196	0.0117	0.0209	0.0267	0.0149	0.0137	0.0155	0.0178	0.0172	0.0095
229	COMPUTER SPEC (NEC)	20	0.0186	0.0107	0.0150	0.0178	0.0153	0.0040	0.0146	0.0145	0.0111	0.0119
230	PHYSICAL SCI (NEC)	18	0.0174	0.0194	0.0128	0.0168	0.0269	0.0184	0.0238	0.0243	0.0176	0.0236
231	CHEMIST	81	0.0302	0.0196	0.0258	0.0396	0.0491	0.0413	0.0477	0.0518	0.0414	0.0410
232	PHYSICIST	64	0.0225	0.0240	0.0208	0.0494	0.0241	0.0328	0.0525	0.0444	0.0445	0.0479
234	GEOLOGIST	17	0.0091	-0.0044	0.0081	0.0130	0.0140	0.0184	0.0100	0.0175	0.0211	0.0260
235	METEOROLOGIST	10	0.0187	0.0180	0.0152	0.0224	0.0272	0.0022	0.0328	0.0254	0.0056	0.0056
240	ENGINEER (NEC)	167	0.0341	0.0335	0.0302	0.0631	0.0405	0.0292	0.0841	0.0674	0.0661	0.0712
241	CIVIL ENGINEER	105	0.0250	0.0155	0.0191	0.0444	0.0226	0.0294	0.0534	0.0335	0.0300	0.0396
242	ELECTRICAL ENGINEER	243	0.0426	0.0327	0.0196	0.0812	0.0600	0.0459	0.0786	0.0786	0.0869	0.0978
243	MECH ENGINEER	143	0.0294	0.0283	0.0270	0.0524	0.0383	0.0306	0.0536	0.0465	0.0608	0.0713
244	AERONAUTICAL ENG	37	0.0126	0.0134	0.0157	0.0321	0.0259	0.0235	0.0349	0.0238	0.0349	0.0362
245	CHEM ENGINEER	58	0.0315	0.0403	0.0282	0.0585	0.0448	0.0401	0.0610	0.0544	0.0408	0.0428
250	ARCHITECT	58	0.0209	0.0083	0.0199	0.0323	0.0138	0.0182	0.0275	0.0250	0.0251	0.0387
299	PHYS SCI, LAB TECH	73	-0.0062	-0.0115	0.0081	-0.0070	-0.0108	-0.0062	-0.0054	0.0013	0.0049	0.0067
310	BIOLOGIST, ZOOLOGIST	32	0.0171	0.0220	0.0184	0.0226	0.0177	0.0181	0.0249	0.0356	0.0280	0.0237
313	SPEC IN AGRIC SCI	35	-0.0104	-0.0056	-0.0069	0.0061	-0.0073	-0.0028	-0.0020	0.0045	-0.0012	0.0031
314	WLDLF/FOREST SPEC	49	-0.0096	0.0156	0.0110	0.0088	0.0104	0.0041	0.0093	0.0141	0.0040	0.0074
316	MICROBIOLOGIST	15	0.0017	0.0161	0.0081	0.0112	0.0117	-0.0015	0.0206	0.0078	-0.0010	0.0109
317	BIOCHEMIST	9	0.0125	0.0075	0.0126	0.0196	-0.0009	-0.0012	0.0085	0.0150	0.0169	0.0222
322	MD-SURGEON	14	0.0210	0.0174	0.0133	0.0301	0.0182	0.0184	0.0298	0.0236	0.0105	0.0190
329	MD-OTHER	229	0.0889	0.0941	0.0546	0.1111	0.0988	0.0791	0.1279	0.1037	0.0634	0.0529
332	DENTIST	97	0.0354	0.0290	0.0227	0.0426	0.0304	0.0241	0.0458	0.0436	0.0414	0.0402
333	VETERINARIAN	20	0.0001	-0.0021	0.0091	0.0139	0.0147	0.0013	0.0119	0.0174	0.0102	0.0193
343	PHYS THERAPIST	11	-0.0043	-0.0183	-0.0062	-0.0025	0.0061	-0.0070	-0.0036	-0.0012	-0.0070	-0.0021
347	MED/DENT TECHNOL	16	-0.0023	-0.0102	-0.0041	-0.0104	-0.0124	-0.0110	-0.0039	-0.0023	-0.0051	-0.0039
348	MED/DENT TECHNICIAN	27	-0.0031	-0.0201	-0.0015	-0.0092	-0.0010	-0.0012	-0.0041	-0.0065	0.0104	0.0092
350	HOSPITAL ADMIN	11	0.0142	0.0188	0.0081	0.0098	0.0134	-0.0033	-0.0059	-0.0015	-0.0051	-0.0054
335	PHARMACIST	91	0.0196	0.0013	0.0109	0.0157	0.0169	0.0166	0.0187	0.0320	0.0189	0.0109
360	PSYCHOLOGIST	106	0.0386	0.0453	0.0346	0.0557	0.0583	0.0473	0.0550	0.0621	0.0469	0.0327
370	SOCIAL WORKER	60	0.0223	0.0096	-0.0056	-0.0059	0.0017	0.0085	0.0147	0.0198	0.0056	-0.0062
371	PSYCHIATRIC SOC WRKR	9	-0.0043	0.0113	0.0091	0.0061	-0.0018	0.0124	0.0090	0.0091	-0.0028	-0.0072
372	COUNSELING/GUIDANCE	12	0.0150	0.0015	0.0024	-0.0006	0.0077	0.0022	0.0007	0.0050	-0.0044	-0.0053
373	VOC/ED GUIDANCE	23	0.0142	0.0123	-0.0064	0.0059	-0.0013	0.0162	-0.0039	0.0033	0.0043	-0.0076
382	ECONOMIST	23	0.0232	0.0195	0.0133	0.0152	0.0137	0.0238	0.0136	0.0202	-0.0025	0.0126
389	SOCIAL SCI (MISC)	21	0.0103	0.0179	0.0008	0.0039	0.0075	-0.0044	-0.0039	0.0122	-0.0034	-0.0111
392	DIPLOMAT	22	0.0349	0.0260	-0.0071	0.0282	0.0144	0.0247	0.0307	0.0267	0.0114	-0.0020
393	LAWYER	393	0.0796	0.0739	0.0461	0.0896	0.0738	0.0715	0.1083	0.1068	0.0543	0.0157
394	MARKET ANALYST	10	0.0153	0.0189	0.0085	0.0107	0.0154	0.0202	0.0125	0.0051	0.0069	0.0161
398	CITY PLANNER (NEC)	12	0.0230	0.0147	0.0099	0.0161	0.0115	0.0115	0.0033	0.0134	0.0150	0.0093
400	TEACHER (NEC)	423	0.0210	0.0264	0.0215	0.0140	0.0193	0.0281	0.0109	0.0341	-0.0018	-0.0229
412	TEACHER-ELEM	45	0.0090	0.0082	0.0144	-0.0023	0.0064	0.0089	0.0108	0.0076	-0.0038	-0.0078
420	TEACHER-HS (NEC)	69	0.0138	0.0214	0.0146	0.0154	0.0064	0.0203	0.0083	0.0148	-0.0026	-0.0081
421	TEACHER-HS MATH	52	0.0059	0.0102	0.0182	0.0292	0.0111	0.0064	0.0259	0.0216	0.0109	0.0171
422	TEACHER-HS SCI	50	0.0162	0.0216	0.0009	0.0252	0.0270	0.0296	0.0136	0.0313	0.0204	0.0278
423	TEACHER-HS SOC ST	94	0.0144	0.0203	0.0120	0.0158	0.0182	0.0091	0.0055	0.0301	-0.0035	-0.0356
424	TEACHER-ENGLISH	45	0.0326	0.0377	0.0116	0.0396	0.0270	0.0065	0.0419	0.0377	0.0104	0.0090
425	TEACHER-FOREIGN LANG	10	0.0081	0.0198	0.0044	0.0162	0.0162	0.0048	0.0178	0.0168	0.0005	0.0063
426	TEACHER-COMM ED	16	0.0064	0.0012	0.0084	0.0012	-0.0004	0.0022	-0.0039	0.0098	-0.0015	-0.0083
428	TEACHER-TRADES	45	-0.0220	-0.0136	0.0073	-0.0052	-0.0036	-0.0038	-0.0006	-0.0039	-0.0014	0.0168
429	TEACHER-PHYS ED	57	0.0005	-0.0110	0.0052	-0.0128	0.0018	-0.0089	-0.0045	-0.0092	-0.0106	-0.0143
431	TEACHER-ART*	15	-0.0014	-0.0076	-0.0028	-0.0063	-0.0055	0.0111	0.0057	0.0130	0.0048	0.0000
432	TEACHER-MUSIC	38	0.0263	0.0197	0.0103	0.0191	0.0244	0.0123	0.0251	0.0100	-0.0082	-0.0051
440	TEACHER-HANDICAPPED	18	0.0080	0.0167	0.0153	0.0159	0.0000	0.0175	0.0152	0.0160	0.0023	-0.0018
450	SCHOOL ADMIN (EXC COLL)	43	0.0053	0.0097	0.0124	0.0076	0.0123	0.0103	0.0088	0.0181	-0.0079	-0.0149
460	COLL/UNIV TCHR (NEC)	179	0.0785	0.0698	0.0454	0.0884	0.0736	0.0657	0.0946	0.0784	0.0657	0.0356
461	COLL/UNIV TCHR-MATH	28	0.0346	0.0382	0.0238	0.0466	0.0449	0.0345	0.0511	0.0417	0.0298	0.0210
462	COLL/UNIV TCHR-SCI	68	0.0317	0.0306	0.0185	0.0415	0.0402	0.0285	0.0552	0.0489	0.0337	0.0240
463	COLL/UNIV TCHR-SOC SCI	85	0.0406	0.0475	0.0345	0.0575	0.0599	0.0497	0.0551	0.0630	0.0476	0.0097
464	COLL/UNIV TCHR-ENGLISH	57	0.0599	0.0460	0.0327	0.0675	0.0603	0.0493	0.0687	0.0518	0.0442	0.0140
465	COLL/UNIV TCHR-FOR LANG	15	0.0286	0.0324	0.0182	0.0396	0.0302	0.0153	0.0490	0.0272	0.0221	0.0057
521	CLERGYMAN	176	0.0280	0.0473	0.0361	0.0648	0.0608	0.0472	0.0762	0.0598	0.0247	0.0063
522	MONK, BROTHER, NUN	16	0.0052	0.0062	0.0150	0.0133	0.0188	0.0093	0.0106	0.0138	-0.0036	-0.0100
523	RELIG WRKR (OTHER)	14	0.0023	0.0013	0.0112	0.0146	0.0083	-0.0011	0.0066	0.0064	0.0056	0.0113
531	WRITER (NEC)	24	0.0197	0.0167	0.0087	0.0204	0.0228	0.0221	0.0137	0.0211	0.0087	-0.0097
534	JRNLIST/REPRTER	43	0.0396	0.0342	0.0164	0.0339	0.0277	0.0319	0.0351	0.0325	0.0219	-0.0055
539	TRNSLTR, INTRPRTR, LINGST	9	0.0205	0.0266	0.0082	0.0132	0.0239	0.0083	0.0191	0.0159	0.0121	0.0046
541	FINE ARTS	16	0.0109	0.0177	0.0065	0.0109	0.0182	0.0012	0.0110	0.0122	0.0122	0.0065
545	COMM ARTIST	48	0.0019	-0.0090	-0.0032	-0.0203	-0.0031	-0.0086	-0.0242	-0.0094	-0.0021	-0.0093
547	DESIGNER (CONS GDS)	28	0.0119	-0.0046	0.0064	0.0012	0.0147	-0.0015	-0.0054	0.0015	0.0213	0.0186
551	MUSICIAN	24	0.0207	0.0144	0.0060	0.0157	0.0141	0.0114	0.0031	0.0054	0.0041	-0.0012

TABLE 4.3 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
				ENGLISH TEST								
			DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION	USAGE	EFFECT EXPRESS	WORD FN IN SENT	READING COMP	CREATIVITY	MECH REASONING
			R-220	R-231	R-232	R-233	R-234	R-235	R-240	R-250	R-260	R-270
559	MUSIC-RELATED (MISC)	15	0.0255	0.0227	0.0013	0.0112	0.0103	0.0184	0.0175	0.0092	0.0016	-0.0039
575	THEATRE (OTHER)	23	0.0222	0.0201	0.0100	0.0184	0.0087	0.0264	0.0181	0.0258	0.0259	0.0264
578	RADIO/TV ANNOUNCER	17	0.0170	0.0081	0.0094	0.0125	0.0107	0.0086	0.0178	0.0130	0.0093	-0.0071
579	MISC PERF ARTS	12	-0.0093	-0.0109	-0.0029	0.0016	0.0084	-0.0154	-0.0165	-0.0024	-0.0015	-0.0021
611	ATHLETE	10	0.0073	0.0062	0.0019	-0.0156	-0.0056	0.0060	-0.0077	0.0014	-0.0040	-0.0007
612	PRO ATHLETICS (AUX)	15	-0.0042	-0.0032	0.0020	-0.0003	-0.0130	-0.0036	-0.0089	0.0021	-0.0052	-0.0130
621	RECREATION DIR	13	-0.0132	-0.0090	0.0066	-0.0074	-0.0069	-0.0131	-0.0139	-0.0165	-0.0198	-0.0200
623	FRSTRY, HUNT, TRAP	19	-0.0172	-0.0173	-0.0195	-0.0102	-0.0156	-0.0141	-0.0145	-0.0168	-0.0114	-0.0039
631	FARM/RANCH OWNER	128	-0.0586	-0.0326	-0.0199	-0.0450	-0.0514	-0.0270	-0.0395	-0.0652	-0.0330	-0.0123
639	FARMING (OTHER)	244	-0.0847	-0.0585	-0.0473	-0.0599	-0.0656	-0.0539	-0.0606	-0.0967	-0.0604	-0.0143
640	MILITARY (RANK NOT IND)	54	-0.0121	-0.0320	-0.0211	-0.0204	-0.0087	-0.0018	-0.0131	-0.0033	0.0042	0.0046
641	MILITARY-ENLISTED	13	-0.0086	-0.0145	-0.0058	-0.0145	-0.0145	-0.0063	-0.0140	-0.0042	-0.0066	-0.0101
642	MILITARY-OFFICER	108	0.0279	0.0269	0.0277	0.0442	0.0418	0.0336	0.0433	0.0492	0.0488	0.0497
650	INTELLIGENCE-CIA, ETC.	21	0.0004	-0.0009	0.0031	0.0077	0.0017	0.0027	-0.0003	0.0134	0.0055	0.0110
661	POLICE (PUBLIC)	151	-0.0063	-0.0154	-0.0209	-0.0499	-0.0077	-0.0215	-0.0412	-0.0240	-0.0271	-0.0334
666	FIREMAN	41	-0.0184	-0.0272	-0.0168	-0.0346	-0.0342	-0.0226	-0.0352	-0.0177	-0.0156	-0.0145
669	OTHER PROTECTIVE	22	-0.0032	-0.0210	-0.0037	-0.0250	-0.0123	-0.0064	-0.0210	-0.0053	-0.0073	-0.0076
711A	BANKING & FINANCE, I	63	0.0011	-0.0008	-0.0148	0.0022	-0.0074	0.0005	-0.0168	-0.0068	-0.0061	-0.0145
711B	BANKING & FINANCE, II	116	0.0223	0.0288	0.0165	0.0330	0.0217	0.0334	0.0177	0.0350	0.0166	-0.0005
712	INVSTMNT, STOCK CONSULT	11	0.0142	0.0162	0.0097	0.0109	0.0069	0.0065	0.0291	0.0075	-0.0057	-0.0101
716	CPA	280	0.0189	0.0330	0.0275	0.0300	0.0164	0.0100	0.0183	0.0251	0.0006	-0.0013
717	ACCTANT (EXC CPA)	202	0.0012	0.0222	0.0106	0.0094	-0.0018	-0.0002	-0.0022	-0.0139	-0.0265	-0.0339
721	PURCHASING AGENT	25	-0.0032	-0.0031	0.0043	-0.0066	-0.0099	-0.0006	0.0050	0.0032	-0.0017	-0.0149
722	RETAIL BUYER	22	0.0004	-0.0057	0.0030	-0.0052	-0.0055	-0.0056	-0.0200	-0.0010	0.0036	-0.0086
723	EFFICIENCY EXPERT	111	0.0101	0.0153	0.0215	0.0226	0.0091	0.0191	0.0168	0.0224	0.0128	0.0177
724	ADVERTISING	40	0.0055	0.0092	0.0162	0.0151	0.0081	0.0102	0.0173	0.0082	0.0013	-0.0229
725	PUBLIC RELATIONS	31	0.0256	0.0090	0.0079	0.0073	0.0217	0.0129	0.0179	0.0201	0.0106	-0.0115
726	PERSONNEL ADMIN	81	0.0135	0.0139	0.0217	0.0144	0.0130	0.0173	0.0173	0.0251	0.0025	-0.0053
727	APPRAISING, ESTIMATING	36	0.0034	-0.0060	0.0045	0.0102	-0.0040	0.0132	0.0068	0.0072	0.0008	0.0114
728	LOAN/CREDIT INVESTIG	29	0.0026	-0.0077	0.0029	-0.0099	-0.0095	-0.0011	0.0061	0.0054	0.0069	-0.0048
730	BUS MGMT ADM (NEC)	511	0.0263	0.0345	0.0242	0.0299	0.0250	0.0148	0.0149	0.0344	0.0354	0.0271
731	MFG MGMT	95	0.0231	0.0116	0.0273	0.0318	0.0248	0.0256	0.0245	0.0280	0.0289	0.0330
732	WHSL/RET TRADE MGMT/MKTG	195	0.0143	0.0084	-0.0004	0.0019	0.0102	0.0074	-0.0028	0.0202	0.0083	-0.0084
738	SUPERVISOR IN BUS	87	-0.0128	-0.0156	-0.0103	-0.0248	-0.0180	-0.0355	-0.0340	-0.0282	-0.0168	-0.0130
741	SLSCLERK	23	-0.0191	-0.0253	-0.0245	-0.0191	-0.0223	-0.0058	-0.0207	-0.0234	-0.0233	-0.0076
742	RTEMAN (MILK, LAUNDRY, ETC)	12	-0.0138	-0.0184	-0.0196	-0.0269	-0.0169	-0.0072	-0.0143	-0.0269	-0.0232	-0.0275
743	STOCKBROKER	23	0.0116	0.0129	0.0095	0.0192	0.0153	0.0128	0.0038	0.0204	0.0115	-0.0002
745	REAL ESTATE SLSMAN	26	0.0051	-0.0014	-0.0082	0.0190	-0.0049	0.0094	0.0089	-0.0036	0.0087	0.0030
746	INSURANCE SLSMAN	61	-0.0070	0.0070	0.0099	-0.0090	0.0066	0.0020	-0.0051	-0.0021	0.0009	-0.0082
747	AUTO SLSMAN	22	-0.0081	0.0059	-0.0054	-0.0081	0.0059	-0.0004	0.0002	-0.0018	-0.0021	-0.0030
748	OTHER SLSMAN (NEC)	350	-0.0121	-0.0210	-0.0088	-0.0265	-0.0190	-0.0066	-0.0370	-0.0158	-0.0258	-0.0230
749	SALES MGR	73	0.0016	-0.0025	0.0104	0.0040	0.0023	0.0041	0.0049	0.0009	0.0040	-0.0021
751	BOOKKEEPER	10	-0.0075	-0.0119	-0.0056	-0.0149	-0.0073	-0.0094	-0.0140	-0.0159	0.0037	0.0028
755	MISC ACCT RECDG	27	-0.0105	-0.0152	-0.0010	-0.0234	-0.0077	-0.0255	-0.0197	-0.0191	-0.0146	-0.0196
758	COMPUTER OPERATOR	78	-0.0048	-0.0031	0.0054	-0.0046	0.0057	-0.0099	-0.0216	-0.0218	-0.0096	-0.0200
769	CLERK (MISC)	24	-0.0258	-0.0166	-0.0165	-0.0214	-0.0222	-0.0309	-0.0252	-0.0384	-0.0220	-0.0336
772	OFFICE MGR	28	-0.0148	-0.0051	0.0025	-0.0105	-0.0069	-0.0169	-0.0126	-0.0207	-0.0163	-0.0181
789	OTHER "PUB CONT" OCCS	14	0.0017	0.0075	0.0042	0.0032	0.0005	-0.0065	-0.0179	-0.0094	-0.0069	-0.0057
791	RADIO, TELEGR, TTY OP	14	-0.0111	-0.0132	-0.0084	-0.0118	-0.0166	-0.0239	-0.0224	-0.0179	-0.0113	-0.0057
797	MISC CLERICAL	112	-0.0246	-0.0206	-0.0317	-0.0445	-0.0301	-0.0200	-0.0302	-0.0429	-0.0343	-0.0392
798	MISC ADMINISTRATIVE	38	-0.0014	0.0011	0.0090	-0.0063	-0.0014	-0.0042	-0.0160	0.0004	-0.0039	-0.0084
810	ELECTRICIAN	168	-0.0497	-0.0622	-0.0533	-0.0633	-0.0509	-0.0441	-0.0575	-0.0572	-0.0361	-0.0121
811	ELECTRONIC TECHNICIAN	212	-0.0136	-0.0287	-0.0112	-0.0191	-0.0142	-0.0202	-0.0190	0.0041	0.0157	0.0455
812	APPLIANCE REPAIR	55	-0.0334	-0.0364	-0.0195	-0.0327	-0.0282	-0.0338	-0.0267	-0.0421	-0.0368	-0.0195
813	PHONE INSTALL & REPAIR	39	-0.0143	-0.0100	0.0026	-0.0173	-0.0196	0.0002	-0.0246	-0.0157	-0.0048	0.0016
814	REPAIR & SERV COMP	32	0.0025	-0.0094	-0.0025	-0.0010	0.0027	-0.0091	0.0020	0.0021	0.0212	0.0268
920	MECHANIC (NEC)	116	-0.0431	-0.0499	-0.0339	-0.0609	-0.0431	-0.0483	-0.0582	-0.0763	-0.0374	-0.0161
821	AUTO MECHANIC	74	-0.0368	-0.0295	-0.0372	-0.0499	-0.0304	-0.0439	-0.0322	-0.0518	-0.0155	-0.0068
822	AIRPLANE MECHANIC	68	-0.0272	-0.0394	-0.0230	-0.0447	-0.0249	-0.0119	-0.0435	-0.0261	-0.0189	-0.0017
823	OFFICE MACH REPAIR	17	-0.0104	-0.0079	-0.0148	-0.0138	-0.0105	-0.0121	-0.0137	-0.0151	-0.0010	0.0020
824	IND MACH REPAIR	21	-0.0101	-0.0096	-0.0055	-0.0062	-0.0156	-0.0230	-0.0302	-0.0190	-0.0123	0.0105
828	MACHINIST	176	-0.0417	-0.0569	-0.0358	-0.0565	-0.0451	-0.0485	-0.0554	-0.0712	-0.0313	-0.0106
831	CABINET MAKER	13	-0.0086	-0.0161	-0.0065	-0.0220	-0.0056	-0.0085	-0.0225	-0.0187	-0.0066	-0.0064
832	CARPENTER	55	-0.0415	-0.0371	-0.0305	-0.0455	-0.0332	-0.0327	-0.0522	-0.0535	-0.0313	-0.0070
833	METAL TRADES	92	-0.0455	-0.0523	-0.0411	-0.0648	-0.0506	-0.0401	-0.0582	-0.0725	-0.0496	-0.0219
834	BRKLYR, MASON, PTR, RFR	62	-0.0366	-0.0394	-0.0453	-0.0473	-0.0410	-0.0370	-0.0477	-0.0499	-0.0255	-0.0199
835	PLUMBER, PIPEFTR	72	-0.0417	-0.0400	-0.0407	-0.0545	-0.0389	-0.0316	-0.0475	-0.0530	-0.0367	-0.0341
836	HEAVY EQUIP OP	47	-0.0287	-0.0250	-0.0090	-0.0442	-0.0257	-0.0232	-0.0401	-0.0383	-0.0288	-0.0165
837	MISC BLDG & CONST	71	-0.0252	-0.0359	-0.0273	-0.0347	-0.0402	-0.0244	-0.0308	-0.0417	-0.0401	-0.0230
838	MINING, QURYNG, DRLNG	16	-0.0206	-0.0160	-0.0119	-0.0167	-0.0297	-0.0222	-0.0161	-0.0302	-0.0183	-0.0144
841	PILOT	99	0.0303	0.0024	0.0142	0.0175	0.0070	0.0072	0.0145	0.0315	0.0300	0.0472
848	AIR TRAFFIC CONTROLLER	13	-0.0012	-0.0042	0.0066	0.0032	0.0010	-0.0052	-0.0047	0.0075	0.0019	-0.0040
851	MERCHANT MARINE OCC	10	0.0001	-0.0029	-0.0064	-0.0045	0.0078	-0.0004	0.0048	0.0104	0.0172	0.0049
852	RAILROAD OCCS	10	-0.0090	-0.0119	-0.0064	-0.0070	-0.0131	-0.0145	-0.0130	-0.0123	-0.0143	-0.0083
853	AUTO, BUS, TRUCK DRVR	85	-0.0427	-0.0404	-0.0455	-0.0639	-0.0545	-0.0466	-0.0515	-0.0760	-0.0439	-0.0315
861	PRINTING TRADES	106	-0.0318	-0.0231	-0.0104	-0.0438	-0.0421	-0.0374	-0.0536	-0.0472	-0.0403	-0.0308
863	SURVEYOR	27	-0.0110	-0.0041	0.0035	-0.0081	-0.0123	-0.0122	-0.0129	-0.0181	0.0089	0.0050
864	DRAFTSMAN	140	-0.0322	-0.0349	-0.0081	-0.0432	-0.0352	-0.0248	-0.0416	-0.0452	-0.0189	-0.0029
865	PHOTOGRAPHY	39	-0.0135	-0.0205	-0.0075	-0.0148	-0.0234	-0.0109	-0.0177	-0.0222	-0.0088	-0.0034
867	LANDSCAPE ARCHIT	13	0.0114	0.0062	0.0088	0.0172	0.0231	0.0050	0.0092	0.0178	0.0143	0.0211
868	CLTHNG & FASH TRADES	14	-0.0079	-0.0063	-0.0084	-0.0102	0.0012	-0.0076	-0.0085	-0.0163	-0.0189	-0.0146
881	FOOD & BEVERAGE PREP	28	-0.0269	-0.0301	-0.0244	-0.0313	-0.0305	-0.0207	-0.0345	-0.0447	-0.0298	-0.0306
885	BUTCHER, MEAT CUTTER	23	-0.0247	-0.0259	-0.0442	-0.0437	-0.0390	-0.0354	-0.0325	-0.0422	-0.0288	-0.0264
891	MISC PERSONAL SERVICES	12	-0.0176	-0.0151	-0.0128	-0.0174	-0.0268	-0.0201	-0.0165	-0.0146	-0.0114	-0.0180
892	BARBER	41	-0.0449	-0.0299	-0.0222	-0.0407	-0.0308	-0.0454	-0.0367	-0.0564	-0.0499	-0.0324
893	HAIRDRESSER	15	-0.0104	-0.0291	-0.0143	-0.0283	-0.0219	-0.0151	-0.0242	-0.0328	-0.0257	-0.0199
899	GENERAL LABORER	277	-0.0917	-0.0752	-0.0557	-0.0964	-0.0895	-0.0812	-0.1012	-0.1214	-0.0771	-0.0707

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TABLE 4.3 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
						MATH TEST						
			VIS IN 2-DIM	VIS IN 3-DIM	ABSTRACT REAS	ARITH REASONING	INTRO HS MATH	ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION
			R-281	R-282	R-290	R-311	R-312	R-333	F-410	F-420	F-430	F-440
000	NO ANSWER	1812	-0.0283	-0.0444	-0.0663	-0.0812	-0.0747	-0.0657	-0.0684	-0.0272	-0.0341	-0.0227
001	DON'T KNOW	803	-0.0335	-0.0497	-0.0597	-0.0624	-0.0712	-0.0603	-0.0506	-0.0273	-0.0195	-0.0276
101	EXECUTIVE (NEC)	43	-0.0082	-0.0088	0.0063	0.0119	0.0131	0.0135	0.0174	0.0108	0.0186	0.0048
102	FOREMAN (NEC)	49	-0.0079	-0.0051	-0.0097	-0.0302	-0.0312	-0.0327	-0.0156	-0.0069	-0.0205	-0.0012
111	WORK FOR GOVT (NEC)	52	-0.0183	-0.0147	-0.0234	-0.0072	-0.0174	-0.0139	-0.0048	-0.0025	-0.0035	0.0016
112	IN BUS FOR SELF (NEC)	278	0.0046	0.0073	-0.0136	-0.0305	-0.0495	-0.0466	-0.0275	-0.0003	-0.0104	0.0095
120	IND, BUS, COMM (NEC)	141	-0.0086	-0.0185	-0.0111	-0.0258	-0.0232	-0.0197	-0.0099	0.0148	0.0019	0.0024
121	RETAIL (NEC)	33	-0.0018	-0.0151	-0.0063	-0.0098	-0.0217	-0.0171	0.0019	0.0063	0.0090	0.0087
122	TRANSPORTATION (NEC)	27	-0.0083	-0.0118	-0.0143	-0.0145	-0.0183	-0.0204	-0.0080	0.0071	-0.0050	0.0011
123	REAL ESTATE (NEC)	17	-0.0097	-0.0219	-0.0049	0.0019	-0.0081	-0.0062	-0.0033	-0.0068	0.0045	0.0059
124	INSURANCE (NEC)	35	-0.0178	-0.0184	0.0014	-0.0072	-0.0028	0.0002	0.0054	0.0006	0.0068	-0.0018
125	ELECTRONICS (NEC)	156	0.0138	0.0238	0.0070	-0.0106	-0.0219	-0.0298	-0.0239	0.0078	-0.0004	-0.0032
150	RESEARCH (NEC)	9	0.0090	0.0091	0.0088	0.0185	0.0179	0.0187	0.0161	0.0056	-0.0010	0.0052
211	MATH, STAT	46	0.0207	0.0304	0.0302	0.0494	0.0680	0.0752	0.0338	-0.0004	0.0055	-0.0008
212	OTHER STATISTICS	14	0.0097	0.0008	0.0199	0.0322	0.0409	0.0531	0.0263	-0.0005	-0.0031	-0.0131
221	SYSTEMS ANALYST	42	0.0142	0.0215	0.0193	0.0407	0.0517	0.0500	0.0016	0.0000	0.0108	0.0152
222	COMPUTER PROGRAMMER	121	0.0143	0.0020	0.0172	0.0247	0.0320	0.0261	0.0202	0.0082	0.0068	0.0093
229	COMPUTER SPEC (NEC)	20	0.0022	0.0068	0.0176	0.0164	0.0180	0.0113	0.0236	-0.0044	-0.0108	0.0027
230	PHYSICAL SCI (NEC)	18	0.0178	0.0306	0.0261	0.0216	0.0347	0.0485	0.0117	0.0086	0.0048	0.0053
231	CHEMIST	81	0.0122	0.0357	0.0445	0.0581	0.0710	0.0782	0.0271	-0.0051	0.0110	-0.0065
232	PHYSICIST	64	0.0373	0.0490	0.0399	0.0522	0.0690	0.0861	0.0181	-0.0021	0.0045	0.0027
234	GEOLOGIST	17	0.0229	0.0287	0.0264	0.0137	0.0235	0.0281	0.0081	0.0055	0.0044	0.0265
235	METEOROLOGIST	10	-0.0053	0.0068	0.0197	0.0209	0.0244	0.0319	0.0072	-0.0011	0.0070	0.0067
240	ENGINEER (NEC)	167	0.0485	0.0615	0.0645	0.0861	0.1091	0.1049	0.0573	0.0021	0.0143	0.0160
241	CIVIL ENGINEER	105	0.0339	0.0508	0.0429	0.0519	0.0724	0.0630	0.0398	-0.0000	0.0030	0.0048
242	ELECTRICAL ENGINEER	243	0.0605	0.0956	0.0856	0.0961	0.1329	0.1385	0.0542	0.0135	0.0199	0.0328
243	MECH ENGINEER	143	0.0501	0.0735	0.0483	0.0785	0.0948	0.0961	0.0416	0.0033	0.0091	0.0124
244	AERONAUTICAL ENG	37	0.0329	0.0434	0.0374	0.0307	0.0453	0.0464	0.0189	0.0116	0.0108	0.0251
245	CHEM ENGINEER	58	0.0286	0.0422	0.0453	0.0584	0.0758	0.0807	0.0349	0.0162	0.0211	0.0194
250	ARCHITECT	58	0.0353	0.0564	0.0373	0.0291	0.0443	0.0386	0.0138	0.0002	0.0049	0.0214
299	PHYS SCI, LAB TECH	78	0.0107	-0.0006	0.0046	-0.0004	0.0108	0.0079	0.0069	-0.0013	0.0097	-0.0017
310	BIOLOGIST, ZOOLOGIST	32	0.0108	0.0213	0.0273	0.0202	0.0293	0.0247	0.0058	-0.0065	0.0039	0.0027
313	SPEC IN AGRIC SCI	35	0.0039	-0.0043	0.0045	0.0002	-0.0008	-0.0058	0.0045	0.0007	-0.0080	0.0007
314	WLDLF/FOREST SPEC	49	0.0054	0.0118	0.0105	0.0108	0.0085	0.0012	-0.0143	-0.0016	-0.0069	0.0046
316	MICROBIOLOGIST	15	0.0009	0.0024	0.0079	0.0117	0.0200	0.0172	0.0113	0.0099	0.0034	-0.0065
317	BIOCHEMIST	9	0.0157	0.0233	0.0190	0.0242	0.0282	0.0364	0.0172	-0.0081	0.0022	0.0152
322	MD-SURGEON	14	0.0097	0.0108	0.0240	0.0230	0.0334	0.0329	0.0233	0.0160	0.0210	0.0121
329	MD-OTHER	229	0.0274	0.0447	0.0714	0.1108	0.1389	0.1546	0.0787	0.0023	0.0402	0.0137
332	DENTIST	97	0.0270	0.0433	0.0437	0.0392	0.0610	0.0585	0.0303	0.0103	0.0071	0.0250
333	VETERINARIAN	20	0.0057	0.0084	0.0210	0.0246	0.0197	0.0242	0.0158	0.0082	0.0002	-0.0047
343	PHYS THERAPIST	11	-0.0018	-0.0120	-0.0120	-0.0226	-0.0066	-0.0086	-0.0113	0.0037	-0.0063	0.0080
347	MED/DENT TECHNOL	16	-0.0096	-0.0092	-0.0086	-0.0154	-0.0076	-0.0081	-0.0278	0.0009	0.0122	0.0023
348	MED/DENT TECHNICIAN	27	-0.0014	-0.0002	-0.0102	-0.0098	-0.0095	-0.0146	-0.0034	0.0114	0.0015	-0.0135
350	HOSPITAL ADMIN	11	-0.0153	-0.0067	-0.0120	0.0091	0.0028	0.0089	0.0095	-0.0031	0.0082	0.0029
335	PHARMACIST	91	0.0203	0.0083	0.0179	0.0330	0.0369	0.0272	0.0295	0.0216	0.0340	0.0171
360	PSYCHOLOGIST	106	0.0137	0.0228	0.0504	0.0467	0.0608	0.0649	0.0264	0.0032	0.0096	0.0064
370	SOCIAL WORKER	60	-0.0057	-0.0117	0.0067	-0.0082	0.0034	0.0029	-0.0210	-0.0090	0.0070	-0.0070
371	PSYCHIATRIC SOC WRKR	9	-0.0106	-0.0043	0.0067	0.0022	-0.0043	-0.0014	0.0038	-0.0049	-0.0260	-0.0177
372	COUNSELING/GUIDANCE	12	0.0049	-0.0030	0.0025	-0.0109	-0.0024	-0.0026	0.0015	-0.0019	0.0095	-0.0059
373	VOC/ED GUIDANCE	23	-0.0003	-0.0016	0.0005	-0.0056	0.0058	-0.0015	0.0119	0.0165	0.0236	0.0020
382	ECONOMIST	23	0.0035	0.0037	0.0121	0.0270	0.0236	0.0163	0.0154	0.0140	0.0116	0.0123
389	SOCIAL SCI (MISC)	21	-0.0124	-0.0084	0.0023	0.0012	0.0079	0.0147	-0.0015	-0.0052	0.0068	-0.0090
392	DIPLOMAT	22	-0.0013	0.0023	0.0047	0.0134	0.0166	0.0239	0.0162	0.0110	-0.0016	0.0216
393	LAWYER	393	0.0132	0.0136	0.0624	0.0881	0.1013	0.0911	0.0597	0.0051	0.0381	0.0109
394	MARKET ANALYST	10	-0.0106	-0.0012	0.0129	0.0147	0.0174	0.0143	0.0147	0.0005	0.0080	-0.0004
398	CITY PLANNER (NEC)	12	0.0106	0.0129	0.0025	0.0124	0.0134	0.0156	0.0087	0.0080	0.0051	0.0133
400	TEACHER (NEC)	423	-0.0094	-0.0273	0.0085	0.0198	0.0171	0.0119	0.0414	-0.0046	0.0221	0.0173
412	TEACHER-ELEM	45	-0.0230	-0.0138	0.0023	-0.0005	0.0067	-0.0085	-0.0046	-0.0001	-0.0077	-0.0121
420	TEACHER-HS (NEC)	69	-0.0086	-0.0058	0.0028	0.0123	0.0141	0.0171	0.0198	0.0057	0.0074	-0.0003
421	TEACHER-HS MATH	62	0.0250	0.0164	0.0271	0.0310	0.0588	0.0546	0.0383	-0.0082	0.0041	0.0066
422	TEACHER-HS SCI	50	0.0068	0.0265	0.0254	0.0257	0.0298	0.0260	0.0030	-0.0032	-0.0013	0.0069
423	TEACHER-HS SOC ST	94	-0.0114	-0.0314	0.0079	-0.0017	0.0001	0.0017	0.0130	0.0007	0.0122	-0.0058
424	TEACHER-ENGLISH	45	-0.0108	0.0080	0.0183	0.0152	0.0195	0.0115	0.0069	-0.0014	0.0124	0.0070
425	TEACHER-FOREIGN LANG	10	-0.0033	0.0091	0.0052	0.0062	0.0109	0.0024	0.0070	-0.0065	0.0108	-0.0130
426	TEACHER-COMM ED	16	-0.0104	-0.0123	-0.0033	0.0066	-0.0054	-0.0169	-0.0017	-0.0064	0.0007	-0.0084
428	TEACHER-TRADES	45	0.0138	0.0256	0.0133	0.0075	0.0065	-0.0025	-0.0041	-0.0074	-0.0044	-0.0012
429	TEACHER-PHYS ED	57	-0.0025	-0.0166	-0.0013	-0.0051	0.0003	-0.0031	-0.0017	0.0090	0.0068	-0.0016
431	TEACHER-ART	15	0.0045	0.0122	0.0032	-0.0060	-0.0063	-0.0114	-0.0076	0.0026	-0.0078	0.0062
432	TEACHER-MUSIC	38	0.0001	-0.0005	-0.0060	-0.0058	-0.0033	-0.0026	0.0038	0.0079	0.0175	0.0048
440	TEACHER-HANDICAPPED	18	-0.0023	0.0016	0.0081	0.0049	0.0103	0.0069	0.0039	-0.0098	0.0016	-0.0023
450	SCHOOL ADMIN (EXC COLL)	43	-0.0131	-0.0134	0.0030	0.0019	-0.0006	-0.0027	0.0111	-0.0007	-0.0070	-0.0080
460	COLL/UNIV TCHR (NEC)	179	0.0312	0.0386	0.0627	0.0695	0.0787	0.0718	0.0412	0.0096	0.0256	0.0161
461	COLL/UNIV TCHR-MATH	28	0.0222	0.0296	0.0339	0.0469	0.0609	0.0737	0.0293	0.0015	0.0195	-0.0045
462	COLL/UNIV TCHR-SCI	68	0.0120	0.0288	0.0331	0.0406	0.0613	0.0727	0.0248	-0.0056	-0.0017	0.0002
463	COLL/UNIV TCHR-SOC SCI	85	0.0074	0.0225	0.0324	0.0510	0.0464	0.0388	0.0310	0.0001	0.0151	0.0048
464	COLL/UNIV TCHR-ENGLISH	57	0.0078	0.0114	0.0385	0.0422	0.0523	0.0591	0.0302	0.0031	0.0191	0.0167
465	COLL/UNIV TCHR-FOR LANG	15	-0.0126	0.0109	0.0206	0.0212	0.0261	0.0270	0.0076	-0.0166	0.0026	-0.0131
521	CLERGYMAN	176	-0.0052	0.0110	0.0309	0.0440	0.0353	0.0124	0.0238	-0.0107	-0.0074	-0.0262
522	MONK, BROTHER, NUN	16	-0.0019	0.0053	0.0105	0.0060	0.0024	0.0096	0.0054	0.0037	-0.0093	-0.0014
523	RELIG WRKR (OTHER)	14	-0.0076	0.0075	0.0117	0.0060	0.0120	-0.0008	0.0072	0.0048	-0.0169	0.0053
531	WRITER (NEC)	24	0.0021	-0.0099	0.0004	-0.0014	0.0020	-0.0109	0.0021	0.0026	-0.0003	-0.0146
534	JRNLIST/REPRTER	43	0.0050	0.0012	0.0063	0.0179	0.0158	0.0100	0.0097	0.0137	0.0262	0.0110
539	TRNSLTR, INTRPRTR, LINGST	9	0.0100	0.0066	0.0078	0.0055	0.0070	0.0103	0.0071	-0.0021	0.0106	0.0077
541	FINE ARTS	16	0.0059	0.0210	0.0143	-0.0129	-0.0076	-0.0119	-0.0146	-0.0040	-0.0084	0.0069
545	COMM ARTIST	48	-0.0077	0.0124	0.0014	-0.0263	-0.0309	-0.0242	-0.0161	-0.0139	-0.0143	0.0146
547	DESIGNER (CONS GDS)	28	0.0105	0.0248	0.0020	0.0011	-0.0082	-0.0059	-0.0084	-0.0019	-0.0005	0.0190
551	MUSICIAN	24	-0.0203	-0.0140	0.0016	0.0041	-0.0004	-0.0037	-0.0064	-0.0090	0.0083	-0.0122

TABLE 4.3 (continued)

			POINT BISERIAL CORRELATIONS									
						MATH TEST						
#	GROUP	N	VIS IN 2-DIM	VIS IN 3-DIM	ABSTRACT REAS	ARITH REASONING	INTRO HS MATH	ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION
			R-281	R-282	R-290	R-311	R-312	R-333	F-410	F-420	F-430	F-440
559	MUSIC-RELATED (MISC)	15	0.0057	-0.0008	0.0055	-0.0016	0.0036	0.0003	0.0031	0.0122	0.0075	-0.0015
575	THEATRE (OTHER)	23	0.0177	0.0194	0.0152	0.0153	0.0067	0.0058	-0.0099	0.0022	0.0044	0.0013
578	RADIO/TV ANNOUNCER	17	-0.0187	-0.0054	0.0003	0.0030	-0.0049	-0.0031	-0.0228	-0.0020	-0.0061	-0.0050
579	MISC PERF ARTS	12	0.0044	0.0057	0.0016	-0.0130	-0.0093	-0.0179	-0.0049	-0.0120	0.0058	-0.0022
611	ATHLETE	10	0.0084	0.0020	-0.0026	-0.0023	-0.0022	-0.0128	0.0055	-0.0014	0.0176	0.0067
612	PRO ATHLETICS (AUX)	15	0.0005	-0.0131	-0.0087	0.0048	-0.0037	-0.0094	0.0076	0.0026	0.0073	-0.0081
621	RECREATION DIR	18	-0.0125	-0.0043	-0.0035	-0.0153	-0.0138	-0.0098	-0.0045	-0.0080	0.0115	0.0071
623	FRSTRY, HUNT, TRAP	19	-0.0008	-0.0004	-0.0134	-0.0164	-0.0280	-0.0201	-0.0147	-0.0115	-0.0122	-0.0149
631	FARM/RANCH OWNER	128	-0.0010	-0.0084	-0.0264	-0.0227	-0.0422	-0.0381	-0.0246	-0.0194	-0.0433	-0.0329
639	FARMING (OTHER)	244	-0.0189	-0.0456	-0.0649	-0.0517	-0.0774	-0.0660	-0.0306	-0.0333	-0.0492	-0.0540
640	MILITARY (RANK NOT IND)	54	0.0022	0.0083	-0.0114	-0.0239	-0.0186	-0.0128	-0.0179	0.0036	-0.0074	0.0079
641	MILITARY-ENLISTED	13	-0.0036	-0.0011	-0.0106	-0.0184	-0.0208	-0.0167	-0.0123	-0.0117	-0.0135	0.0051
642	MILITARY-OFFICER	108	0.0291	0.0357	0.0385	0.0457	0.0510	0.0451	0.0388	0.0204	0.0223	0.0204
650	INTELLIGENCE-CIA, ETC.	21	-0.0006	-0.0029	0.0063	0.0087	0.0089	-0.0007	-0.0004	0.0032	-0.0006	-0.0015
661	POLICE (PUBLIC)	151	-0.0150	-0.0355	-0.0429	-0.0485	-0.0546	-0.0541	-0.0335	0.0100	0.0011	-0.0025
666	FIREMAN	41	0.0024	-0.0158	-0.0201	-0.0174	-0.0319	-0.0301	-0.0168	0.0126	0.0016	-0.0044
669	OTHER PROTECTIVE	22	0.0004	-0.0036	-0.0182	-0.0268	-0.0279	-0.0245	-0.0048	0.0156	0.0036	0.0139
711A	BANKING & FINANCE, I	63	-0.0086	-0.0054	-0.0162	-0.0068	-0.0366	-0.0321	-0.0131	0.0091	0.0003	-0.0071
711B	BANKING & FINANCE, II	116	-0.0035	0.0015	0.0171	0.0223	0.0364	0.0228	0.0227	0.0164	0.0128	0.0087
712	INVSTMNT, STOCK CONSULT	11	0.0079	0.0024	0.0121	0.0128	0.0220	0.0210	0.0151	0.0060	0.0124	0.0080
716	CPA	280	0.0180	-0.0052	0.0228	0.0367	0.0508	0.0409	0.0600	0.0189	0.0289	0.0041
717	ACCTANT (EXC CPA)	202	-0.0115	-0.0232	-0.0171	-0.0002	-0.0077	-0.0212	0.0320	0.0108	0.0230	-0.0023
721	PURCHASING AGENT	25	-0.0045	-0.0139	-0.0145	-0.0036	-0.0001	-0.0063	0.0037	0.0067	-0.0006	0.0022
722	RETAIL BUYER	22	-0.0230	-0.0159	-0.0045	-0.0038	-0.0055	-0.0079	-0.0004	0.0012	0.0119	-0.0067
723	EFFICIENCY EXPERT	111	0.0036	0.0070	0.0121	0.0278	0.0331	0.0282	0.0239	-0.0025	0.0045	-0.0015
724	ADVERTISING	40	-0.0184	-0.0103	0.0045	-0.0077	-0.0018	-0.0092	-0.0046	-0.0021	-0.0030	0.0064
725	PUBLIC RELATIONS	31	-0.0068	-0.0094	0.0054	0.0002	0.0010	-0.0074	0.0026	0.0111	0.0116	0.0104
726	PERSONNEL ADMIN	81	-0.0030	-0.0017	0.0052	0.0094	0.0203	0.0055	0.0202	0.0092	0.0051	-0.0072
727	APPRAISING, ESTIMATING	36	0.0040	0.0044	0.0099	0.0101	-0.0007	0.0005	-0.0013	0.0027	-0.0003	0.0045
728	LOAN/CREDIT INVESTIG	29	0.0023	-0.0094	0.0024	-0.0006	-0.0061	-0.0078	-0.0040	0.0114	0.0032	-0.0084
730	BUS MGMT ADM (NEC)	511	0.0167	0.0182	0.0404	0.0399	0.0404	0.0283	0.0398	0.0186	0.0234	0.0125
731	MFG MGMT	95	0.0175	0.0155	0.0160	0.0321	0.0308	0.0234	0.0133	-0.0025	0.0129	0.0198
732	WHSL/RET TRADE MGMT/MKTG	195	0.0015	-0.0058	0.0141	0.0054	-0.0067	-0.0052	0.0144	0.0179	0.0126	0.0042
738	SUPERVISOR IN BUS	87	-0.0037	-0.0168	-0.0228	-0.0352	-0.0295	-0.0269	-0.0123	0.0051	-0.0100	0.0092
741	SLSCLERK	23	-0.0065	-0.0100	-0.0212	-0.0169	-0.0202	-0.0289	-0.0036	0.0044	-0.0103	0.0056
742	RTEMAN (MILK, LAUNDRY, ETC)	12	-0.0143	-0.0248	-0.0276	-0.0264	-0.0268	-0.0332	-0.0094	-0.0039	-0.0125	-0.0120
743	STOCKBROKER	23	0.0013	0.0037	-0.0001	0.0117	0.0132	0.0090	0.0139	0.0199	-0.0023	0.0020
745	REAL ESTATE SLSMAN	26	-0.0041	0.0088	0.0127	0.0129	0.0101	-0.0014	-0.0002	-0.0215	-0.0068	-0.0029
746	INSURANCE SLSMAN	61	-0.0023	0.0015	0.0042	0.0061	-0.0069	-0.0088	-0.0051	0.0125	-0.0041	0.0173
747	AUTO SLSMAN	22	-0.0115	-0.0025	0.0060	-0.0111	-0.0093	-0.0181	0.0079	0.0160	0.0039	0.0177
748	OTHER SLSMAN (NEC)	350	-0.0246	-0.0338	-0.0296	-0.0195	-0.0376	-0.0355	-0.0114	-0.0016	-0.0045	0.0002
749	SALES MGR	73	-0.0036	-0.0069	0.0056	0.0055	-0.0005	-0.0095	0.0080	0.0057	0.0041	0.0132
751	BOOKKEEPER	10	0.0026	-0.0123	-0.0113	-0.0162	-0.0088	-0.0112	-0.0005	-0.0003	-0.0020	0.0121
755	MISC ACCT RECDG	27	-0.0133	-0.0234	-0.0220	-0.0239	-0.0340	-0.0209	-0.0162	0.0030	-0.0024	-0.0069
758	COMPUTER OPERATOR	78	0.0037	-0.0163	-0.0020	-0.0146	-0.0136	-0.0150	-0.0041	0.0010	-0.0010	-0.0141
769	CLERK (MISC)	24	-0.0275	-0.0376	-0.0359	-0.0438	-0.0363	-0.0279	-0.0176	0.0089	-0.0064	-0.0157
772	OFFICE MGR	28	-0.0079	-0.0255	-0.0101	-0.0197	-0.0247	-0.0116	-0.0037	-0.0048	0.0068	-0.0082
789	OTHER "PUB CONT" OCCS	14	-0.0101	-0.0073	-0.0055	-0.0031	-0.0097	-0.0170	0.0042	-0.0094	-0.0117	-0.0091
791	RADIO, TELEGR, TTY OP	14	-0.0134	-0.0066	-0.0203	-0.0188	-0.0220	-0.0217	-0.0105	0.0205	0.0048	0.0130
797	MISC CLERICAL	112	-0.0425	-0.0429	-0.0296	-0.0362	-0.0454	-0.0384	-0.0241	0.0090	-0.0037	-0.0034
798	MISC ADMINISTRATIVE	38	0.0006	-0.0034	-0.0095	-0.0109	-0.0190	-0.0182	0.0037	0.0106	0.0100	-0.0010
810	ELECTRICIAN	168	-0.0141	-0.0089	-0.0344	-0.0502	-0.0592	-0.0693	-0.0412	0.0087	-0.0252	-0.0153
811	ELECTRONIC TECHNICIAN	212	0.0134	0.0346	0.0090	0.0054	-0.0043	-0.0122	-0.0254	0.0010	-0.0106	0.0100
812	APPLIANCE REPAIR	55	-0.0162	-0.0085	-0.0239	-0.0338	-0.0332	-0.0281	-0.0122	-0.0144	-0.0163	-0.0065
813	PHONE INSTALL & REPAIR	39	-0.0059	0.0034	-0.0051	-0.0169	-0.0230	-0.0213	-0.0100	0.0009	0.0003	-0.0009
814	REPAIR & SERV COMP	32	0.0217	0.0204	0.0165	0.0046	0.0057	-0.0025	-0.0008	-0.0054	-0.0007	-0.0028
820	MECHANIC (NEC)	116	-0.0074	-0.0237	-0.0497	-0.0583	-0.0730	-0.0660	-0.0490	-0.0149	-0.0322	-0.0252
821	AUTO MECHANIC	74	-0.0103	-0.0105	-0.0310	-0.0412	-0.0605	-0.0565	-0.0332	-0.0012	-0.0351	0.0048
822	AIRPLANE MECHANIC	68	-0.0038	-0.0017	-0.0257	-0.0453	-0.0534	-0.0455	-0.0323	-0.0033	-0.0154	-0.0067
823	OFFICE MACH REPAIR	17	-0.0060	-0.0060	-0.0078	-0.0070	-0.0084	-0.0117	-0.0057	-0.0035	-0.0097	0.0031
824	IND MACH REPAIR	21	-0.0046	0.0048	-0.0131	-0.0164	-0.0269	-0.0233	-0.0275	-0.0078	-0.0112	-0.0048
828	MACHINIST	176	-0.0121	-0.0046	-0.0353	-0.0482	-0.0694	-0.0579	-0.0312	-0.0010	-0.0207	0.0005
831	CABINET MAKER	13	0.0097	-0.0032	-0.0233	-0.0190	-0.0286	-0.0244	-0.0079	-0.0072	-0.0014	-0.0056
832	CARPENTER	55	0.0036	0.0054	-0.0148	-0.0333	-0.0554	-0.0472	-0.0199	0.0046	-0.0229	-0.0017
833	METAL TRADES	92	-0.0172	-0.0153	-0.0396	-0.0696	-0.0656	-0.0545	-0.0473	-0.0004	-0.0062	-0.0027
834	BRKLYR, MASON, PTR, RFR	62	-0.0041	-0.0162	-0.0423	-0.0309	-0.0473	-0.0445	-0.0343	-0.0305	-0.0087	-0.0134
835	PLUMBER, PIPEFTR	72	-0.0218	-0.0193	-0.0395	-0.0449	-0.0534	-0.0454	-0.0354	-0.0084	-0.0350	-0.0110
836	HEAVY EQUIP OP	47	-0.0145	-0.0192	-0.0360	-0.0378	-0.0414	-0.0372	-0.0301	0.0123	-0.0032	-0.0042
837	MISC BLDG & CONST	71	-0.0190	-0.0101	-0.0277	-0.0336	-0.0401	-0.0382	-0.0194	0.0017	-0.0062	-0.0118
838	MINING, QURYNG, DRLNG	16	-0.0015	-0.0117	-0.0209	-0.0166	-0.0324	-0.0182	-0.0186	-0.0137	-0.0100	-0.0030
841	PILOT	99	0.0301	0.0371	0.0292	0.0217	0.0243	0.0153	0.0032	-0.0008	-0.0015	0.0189
848	AIR TRAFFIC CONTROLLER	13	-0.0091	0.0017	0.0013	0.0027	0.0006	-0.0020	-0.0024	-0.0044	-0.0081	-0.0080
851	MERCHANT MARINE OCC	10	-0.0057	0.0012	0.0081	0.0116	0.0020	-0.0000	-0.0012	0.0030	0.0083	-0.0015
852	RAILROAD OCCS	10	0.0065	-0.0052	-0.0191	-0.0147	-0.0092	-0.0048	-0.0005	-0.0019	0.0093	-0.0231
853	AUTO, BUS, TRUCK DRVR	85	-0.0247	-0.0324	-0.0552	-0.0575	-0.0771	-0.0588	-0.0476	-0.0052	-0.0029	-0.0168
861	PRINTING TRADES	106	-0.0176	-0.0357	-0.0279	-0.0389	-0.0621	-0.0560	-0.0151	-0.0089	-0.0130	-0.0072
863	SURVEYOR	27	0.0093	0.0042	-0.0031	-0.0084	0.0008	-0.0078	-0.0117	-0.0049	0.0160	0.0143
864	DRAFTSMAN	140	0.0050	0.0184	-0.0017	-0.0319	-0.0368	-0.0311	-0.0135	0.0077	-0.0010	0.0163
865	PHOTOGRAPHY	39	-0.0151	-0.0115	-0.0144	-0.0177	-0.0225	-0.0221	-0.0236	-0.0158	-0.0233	-0.0165
867	LANDSCAPE ARCHIT	13	-0.0023	0.0045	0.0234	0.0115	0.0063	0.0043	0.0021	-0.0075	-0.0020	0.0024
868	CLTHNG & FASH TRADES	14	0.0052	-0.0006	-0.0211	-0.0129	-0.0117	-0.0150	-0.0178	-0.0136	-0.0067	-0.0139
881	FOOD & BEVERAGE PREP	28	-0.0269	-0.0289	-0.0350	-0.0322	-0.0347	-0.0255	-0.0399	-0.0132	-0.0250	-0.0132
885	BUTCHER, MEAT CUTTER	23	-0.0245	-0.0288	-0.0391	-0.0306	-0.0396	-0.0368	-0.0206	0.0097	-0.0061	-0.0078
891	MISC PERSONAL SERVICES	12	0.0022	0.0013	-0.0046	-0.0172	-0.0131	-0.0106	-0.0080	0.0036	-0.0065	-0.0022
892	BARBER	41	-0.0257	-0.0194	-0.0373	-0.0545	-0.0511	-0.0423	-0.0340	-0.0040	-0.0084	-0.0101
893	HAIRDRESSER	15	-0.0046	-0.0254	-0.0222	-0.0350	-0.0323	-0.0244	-0.0365	0.0104	-0.0072	0.0040
899	GENERAL LABORER	277	-0.0415	-0.0595	-0.0911	-0.0937	-0.1153	-0.1035	-0.0631	-0.0243	-0.0379	-0.0250

TABLE 4.3 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
								INTEREST INVENTORY				
			ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH	BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE
			A-410	A-420	A-430	A-440	A-500	P-701	P-702	P-703	P-704	P-705
000	NO ANSWER	1812	-0.0529	-0.0155	-0.0152	-0.0183	-0.0070	-0.0180	0.0072	-0.0086	-0.0012	0.0044
001	DON'T KNOW	803	-0.0435	-0.0082	-0.0079	-0.0244	0.0038	-0.0601	-0.0585	-0.0353	-0.0388	-0.0481
101	EXECUTIVE (NEC)	43	0.0086	0.0043	0.0161	0.0054	-0.0119	0.0052	0.0086	0.0331	0.0167	0.0052
102	FOREMAN (NEC)	49	-0.0151	0.0018	-0.0067	0.0067	0.0182	-0.0006	-0.0025	0.0008	-0.0127	-0.0051
111	WORK FOR GOVT (NEC)	52	-0.0080	-0.0029	0.0044	0.0032	0.0085	-0.0305	-0.0237	0.0147	0.0051	0.0011
112	IN BUS FOR SELF (NEC)	278	-0.0310	0.0022	-0.0058	0.0124	-0.0065	-0.0292	-0.0204	0.0003	-0.0217	-0.0168
120	IND, BUS, COMM (NEC)	141	-0.0142	0.0094	0.0110	0.0116	0.0062	-0.0097	0.0031	0.0141	0.0071	0.0057
121	RETAIL (NEC)	33	-0.0050	-0.0046	-0.0053	0.0082	0.0161	-0.0169	-0.0248	0.0004	-0.0174	-0.0073
122	TRANSPORTATION (NEC)	27	-0.0200	-0.0007	0.0055	0.0039	0.0127	-0.0125	-0.0081	0.0100	-0.0040	-0.0095
123	REAL ESTATE (NEC)	17	0.0050	-0.0017	0.0001	0.0067	0.0178	-0.0100	-0.0023	0.0066	0.0042	-0.0030
124	INSURANCE (NEC)	35	-0.0001	-0.0064	0.0006	-0.0015	0.0081	-0.0097	-0.0130	0.0075	0.0009	0.0164
125	ELECTRONICS (NEC)	156	-0.0319	-0.0038	-0.0071	-0.0036	-0.0014	0.0359	0.0052	-0.0277	-0.0225	-0.0264
150	RESEARCH (NEC)	9	0.0121	0.0094	0.0074	0.0045	-0.0018	0.0186	0.0054	-0.0021	0.0031	0.0013
211	MATH, STAT	46	0.0330	0.0006	-0.0069	-0.0075	-0.0096	0.0525	0.0119	-0.0183	0.0065	-0.0196
212	OTHER STATISTICS	14	0.0275	0.0107	0.0033	-0.0045	-0.0020	0.0246	0.0098	0.0157	0.0131	0.0140
221	SYSTEMS ANALYST	42	0.0283	-0.0015	0.0029	0.0103	0.0004	0.0479	0.0225	0.0075	0.0081	0.0026
222	COMPUTER PROGRAMMER	121	0.0252	0.0059	-0.0045	0.0099	-0.0016	0.0299	0.0023	-0.0046	-0.0071	-0.0170
229	COMPUTER SPEC (NEC)	20	0.0174	0.0005	0.0021	0.0064	-0.0003	0.0250	0.0081	0.0094	0.0056	-0.0021
230	PHYSICAL SCI (NEC)	18	0.0098	0.0015	-0.0008	0.0021	-0.0061	0.0254	0.0228	0.0060	0.0148	0.0132
231	CHEMIST	81	0.0179	-0.0074	-0.0064	-0.0141	-0.0158	0.0717	0.0462	0.0188	0.0189	0.0103
232	PHYSICIST	64	0.0274	-0.0022	0.0008	-0.0018	-0.0039	0.0735	0.0352	-0.0093	0.0060	-0.0068
234	GEOLOGIST	17	0.0132	0.0138	0.0066	0.0278	0.0121	0.0281	0.0099	-0.0101	-0.0058	-0.0095
235	METEOROLOGIST	10	0.0174	0.0026	-0.0009	0.0045	-0.0071	0.0214	-0.0047	0.0053	0.0023	-0.0054
240	ENGINEER (NEC)	167	0.0501	0.0024	-0.0025	0.0052	-0.0255	0.1063	0.0276	-0.0025	0.0012	-0.0224
241	CIVIL ENGINEER	105	0.0363	0.0068	0.0156	0.0034	-0.0160	0.0663	-0.0005	-0.0086	-0.0324	-0.0354
242	ELECTRICAL ENGINEER	243	0.0577	0.0104	-0.0032	0.0266	-0.0149	0.1442	0.0243	-0.0226	-0.0126	-0.0412
243	MECH ENGINEER	143	0.0406	0.0071	-0.0061	0.0096	-0.0142	0.0935	0.0111	-0.0253	-0.0292	-0.0376
244	AERONAUTICAL ENG	37	0.0142	0.0096	0.0066	0.0219	0.0103	0.0518	0.0096	-0.0007	-0.0004	-0.0146
245	CHEM ENGINEER	58	0.0367	0.0143	0.0130	0.0155	-0.0106	0.0776	0.0207	0.0020	-0.0027	-0.0236
250	ARCHITECT	58	0.0192	-0.0045	-0.0025	0.0167	-0.0169	0.0345	0.0114	-0.0024	0.0204	-0.0054
299	PHYS SCI, LAB TECH	78	0.0011	-0.0066	-0.0054	-0.0018	0.0114	0.0143	0.0000	-0.0200	-0.0319	-0.0215
310	BIOLOGIST, ZOOLOGIST	32	0.0063	-0.0118	-0.0057	0.0016	-0.0111	0.0252	0.0400	-0.0120	0.0116	-0.0033
313	SPEC IN AGRIC SCI	35	0.0021	-0.0046	0.0030	0.0000	-0.0082	-0.0084	0.0000	-0.0047	-0.0184	-0.0025
314	WLDLF/FOREST SPEC	49	-0.0089	-0.0103	-0.0157	-0.0024	-0.0115	0.0121	0.0233	-0.0088	0.0049	0.0029
316	MICROBIOLOGIST	15	0.0044	0.0063	0.0068	0.0038	0.0067	0.0166	0.0266	-0.0061	0.0005	0.0018
317	BIOCHEMIST	9	0.0151	0.0060	0.0029	0.0181	0.0099	0.0249	0.0260	0.0076	0.0109	-0.0136
322	MD-SURGEON	14	0.0301	0.0144	0.0127	0.0070	-0.0048	0.0211	0.0477	0.0112	0.0234	0.0099
329	MD-OTHER	229	0.0967	0.0070	0.0256	0.0075	-0.0304	0.0721	0.1606	0.0382	0.0687	0.0305
332	DENTIST	97	0.0330	0.0013	0.0096	0.0245	-0.0071	0.0399	0.0983	0.0172	0.0259	0.0177
333	VETERINARIAN	20	0.0138	0.0013	-0.0130	-0.0050	0.0030	0.0117	0.0311	-0.0052	-0.0104	-0.0108
343	PHYS THERAPIST	11	-0.0143	0.0001	0.0027	0.0093	0.0018	-0.0033	0.0134	-0.0042	0.0015	0.0054
347	MED/DENT TECHNOL	16	0.0029	0.0120	0.0087	0.0053	-0.0031	-0.0026	0.0197	-0.0012	-0.0018	-0.0054
348	MED/DENT TECHNICIAN	27	-0.0170	0.0013	0.0066	0.0041	0.0247	0.0080	0.0206	-0.0123	-0.0072	-0.0005
350	HOSPITAL ADMIN	11	0.0127	-0.0009	0.0021	-0.0009	0.0010	0.0061	0.0250	0.0061	0.0015	0.0135
335	PHARMACIST	91	0.0307	0.0196	0.0159	0.0107	-0.0083	0.0397	0.0596	-0.0079	-0.0072	-0.0051
360	PSYCHOLOGIST	106	0.0191	-0.0017	-0.0003	0.0023	-0.0166	0.0249	0.0589	0.0295	0.0689	0.0447
370	SOCIAL WORKER	60	0.0032	0.0066	0.0104	-0.0023	0.0069	-0.0083	0.0203	0.0137	0.0311	0.0346
371	PSYCHIATRIC SOC WRKR	9	-0.0054	-0.0073	-0.0080	-0.0099	-0.0073	-0.0130	0.0115	0.0177	0.0211	0.0177
372	COUNSELING/GUIDANCE	12	0.0001	0.0130	0.0084	0.0023	-0.0087	0.0024	0.0235	0.0003	0.0165	0.0234
373	VOC/ED GUIDANCE	23	0.0075	0.0195	0.0157	0.0064	0.0185	-0.0068	-0.0039	0.0105	0.0128	0.0246
382	ECONOMIST	23	0.0103	0.0148	0.0068	0.0121	0.0163	0.0110	0.0076	0.0169	0.0122	-0.0062
389	SOCIAL SCI (MISC)	21	0.0134	0.0015	0.0030	-0.0082	-0.0089	0.0126	0.0032	0.0210	0.0119	0.0105
392	DIPLOMAT	22	0.0088	0.0118	0.0104	0.0245	-0.0008	-0.0131	0.0107	0.0044	0.0181	-0.0035
393	LAWYER	393	0.0563	0.0180	0.0195	0.0009	-0.0302	-0.0018	0.0571	0.1392	0.1227	0.0354
394	MARKET ANALYST	10	0.0119	0.0021	0.0048	-0.0052	0.0004	0.0142	0.0215	0.0130	0.0122	0.0074
398	CITY PLANNER (NEC)	12	0.0080	0.0022	0.0036	0.0121	0.0069	0.0043	0.0225	0.0228	0.0174	-0.0031
400	TEACHER (NEC)	423	0.0532	-0.0010	0.0255	0.0108	0.0232	0.0007	0.0327	0.0477	0.0536	0.1026
412	TEACHER-ELEM	45	-0.0037	-0.0114	0.0017	-0.0078	-0.0168	-0.0169	0.0012	-0.0095	0.0055	0.0395
420	TEACHER-HS (NEC)	69	0.0194	0.0070	0.0070	-0.0068	-0.0070	0.0019	0.0141	0.0262	0.0306	0.0409
421	TEACHER-HS MATH	62	0.0440	0.0023	-0.0024	0.0033	-0.0079	0.0374	0.0049	0.0102	0.0080	0.0352
422	TEACHER-HS SCI	50	-0.0025	-0.0062	-0.0090	0.0045	-0.0111	0.0301	0.0432	0.0085	0.0172	0.0281
423	TEACHER-HS SOC ST	94	0.0055	-0.0009	0.0075	-0.0070	0.0051	-0.0171	0.0031	0.0280	0.0420	0.0507
424	TEACHER-ENGLISH	45	0.0112	-0.0069	0.0002	0.0011	-0.0123	-0.0244	0.0153	-0.0010	0.0490	0.0228
425	TEACHER-FOREIGN LANG	10	0.0014	-0.0087	0.0024	-0.0163	-0.0117	-0.0069	-0.0014	0.0069	0.0278	0.0289
426	TEACHER-COMM ED	16	-0.0087	-0.0068	-0.0017	-0.0140	-0.0031	-0.0071	-0.0127	0.0027	0.0147	0.0152
428	TEACHER-TRADES	45	0.0000	-0.0093	-0.0031	0.0020	-0.0080	-0.0021	-0.0078	-0.0074	-0.0285	0.0103
429	TEACHER-PHYS ED	57	0.0081	0.0024	0.0076	-0.0022	0.0013	-0.0154	0.0005	0.0024	-0.0069	0.0383
431	TEACHER-ART	15	-0.0061	-0.0031	0.0039	0.0137	0.0066	-0.0104	-0.0029	0.0074	0.0216	0.0105
432	TEACHER-MUSIC	38	-0.0100	-0.0007	0.0018	0.0007	-0.0140	-0.0179	-0.0061	-0.0079	0.0251	0.0254
440	TEACHER-HANDICAPPED	18	0.0022	-0.0116	-0.0086	-0.0027	-0.0112	-0.0094	0.0152	0.0152	0.0282	0.0417
450	SCHOOL ADMIN (EXC COLL)	43	0.0046	-0.0025	-0.0007	-0.0060	0.0008	-0.0185	0.0051	0.0133	0.0134	0.0350
460	COLL/UNIV TCHR (NEC)	179	0.0517	0.0092	0.0146	0.0115	-0.0094	0.0011	0.0161	0.0379	0.0949	0.0625
461	COLL/UNIV TCHR-MATH	28	0.0417	0.0071	0.0155	-0.0014	-0.0055	0.0392	0.0176	0.0005	0.0303	-0.0004
462	COLL/UNIV TCHR-SCI	68	0.0248	-0.0064	-0.0226	0.0007	-0.0141	0.0593	0.0637	0.0027	0.0315	0.0134
463	COLL/UNIV TCHR-SOC SCI	85	0.0204	-0.0062	-0.0021	-0.0037	-0.0068	0.0086	0.0316	0.0526	0.0843	0.0349
464	COLL/UNIV TCHR-ENGLISH	57	0.0270	0.0028	0.0140	0.0064	-0.0088	0.0047	0.0203	0.0140	0.0971	0.0267
465	COLL/UNIV TCHR-FOR LANG	15	0.0320	-0.0038	0.0027	-0.0156	-0.0009	-0.0011	0.0010	0.0186	0.0533	0.0298
521	CLERGYMAN	176	0.0071	-0.0213	-0.0324	-0.0328	-0.0230	-0.0236	0.0070	0.0078	0.0679	0.1253
522	MONK, BROTHER, NUN	16	0.0040	0.0037	0.0058	0.0002	0.0097	0.0004	0.0149	0.0036	0.0302	0.0502
523	RELIG WRKR (OTHER)	14	0.0139	0.0037	0.0062	0.0113	0.0032	0.0040	0.0086	-0.0010	0.0158	0.0379
531	WRITER (NEC)	24	-0.0075	-0.0066	-0.0017	-0.0202	-0.0072	-0.0170	0.0027	-0.0083	0.0300	-0.0051
534	JRNLIST/REPRTER	43	0.0081	0.0085	0.0169	0.0085	0.0031	-0.0141	-0.0074	0.0387	0.0623	0.0087
539	TRNSLTR, INTRPRTR, LINGST	9	0.0005	-0.0062	0.0043	0.0034	0.0064	-0.0052	0.0060	-0.0038	0.0103	0.0006
541	FINE ARTS	16	-0.0193	-0.0053	-0.0103	0.0055	-0.0032	-0.0295	-0.0084	0.0020	0.0196	-0.0018
545	COMM ARTIST	48	-0.0358	-0.0230	-0.0142	0.0049	-0.0103	-0.0137	0.0058	-0.0216	0.0184	-0.0075
547	DESIGNER (CONS GDS)	28	-0.0002	-0.0092	-0.0014	0.0136	-0.0025	-0.0049	-0.0211	-0.0211	-0.0112	-0.0209
551	MUSICIAN	24	-0.0022	-0.0115	0.0096	-0.0186	-0.0012	-0.0195	-0.0064	-0.0256	0.0133	0.0013

TABLE 4.3 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
								INTEREST INVENTORY				
			ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH	BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE
			A-410	A-420	A-430	A-440	A-500	P-701	P-702	P-703	P-704	P-705
559	MUSIC-RELATED (MISC)	15	0.0001	0.0072	0.0035	-0.0044	-0.0191	-0.0215	-0.0038	-0.0032	0.0208	0.0061
575	THEATRE (OTHER)	23	-0.0079	-0.0015	0.0040	-0.0019	-0.0101	-0.0047	0.0110	0.0108	0.0372	0.0057
578	RADIO/TV ANNOUNCER	17	-0.0111	-0.0052	-0.0060	-0.0054	-0.0058	-0.0077	-0.0023	0.0026	0.0200	0.0073
579	MISC PERF ARTS	12	-0.0143	-0.0094	0.0077	0.0016	-0.0119	-0.0055	-0.0029	-0.0075	0.0083	-0.0121
611	ATHLETE	10	-0.0033	-0.0030	0.0066	0.0038	-0.0098	-0.0024	0.0008	0.0033	0.0051	-0.0082
612	PRO ATHLETICS (AUX)	15	0.0072	-0.0018	0.0010	-0.0003	0.0160	-0.0201	0.0030	-0.0023	-0.0051	0.0165
621	RECREATION DIR	19	-0.0048	-0.0025	0.0033	0.0082	0.0104	-0.0109	0.0000	0.0057	-0.0035	0.0253
623	FRSTRY, HUNT, TRAP	19	-0.0275	-0.0170	-0.0197	-0.0131	-0.0009	-0.0161	-0.0047	-0.0180	-0.0118	-0.0086
631	FARM/RANCH OWNER	128	-0.0068	-0.0184	-0.0230	-0.0314	0.0032	-0.0475	-0.0495	-0.0397	-0.0629	-0.0267
639	FARMING (OTHER)	244	-0.0442	-0.0330	-0.0312	-0.0428	0.0106	-0.0733	-0.0607	-0.0578	-0.0895	-0.0300
640	MILITARY (RANK NOT IND)	54	-0.0324	-0.0075	-0.0170	0.0066	-0.0082	-0.0150	-0.0154	-0.0097	-0.0058	-0.0123
641	MILITARY-ENLISTED	13	-0.0055	0.0037	-0.0105	0.0033	0.0028	-0.0085	-0.0010	0.0002	-0.0035	-0.0069
642	MILITARY-OFFICER	138	0.0338	0.0142	0.0169	0.0186	-0.0103	0.0366	0.0175	0.0266	0.0183	0.0114
650	INTELLIGENCE-CIA, ETC.	21	-0.0041	-0.0083	0.0002	-0.0052	0.0048	0.0081	-0.0015	0.0242	0.0154	-0.0032
661	POLICE (PUBLIC)	151	-0.0238	0.0041	0.0170	-0.0003	-0.0019	-0.0397	-0.0106	-0.0030	-0.0125	0.0007
666	FIREMAN	41	-0.0256	-0.0030	-0.0102	-0.0094	-0.0027	-0.0160	-0.0198	0.0005	-0.0245	-0.0121
669	OTHER PROTECTIVE	22	-0.0179	0.0142	0.0126	0.0207	0.0072	-0.0143	-0.0072	-0.0048	-0.0136	-0.0037
711A	BANKING & FINANCE, I	63	-0.0003	-0.0002	-0.0061	-0.0084	-0.0015	-0.0335	-0.0229	-0.0064	-0.0073	-0.0028
711B	BANKING & FINANCE, II	116	0.0259	0.0062	0.0053	0.0028	0.0026	0.0003	0.0014	0.0284	0.0142	-0.0038
712	INVSTMNT, STOCK CONSULT	11	0.0107	0.0014	0.0094	0.0073	0.0018	0.0157	0.0058	-0.0007	-0.0002	-0.0030
716	CPA	230	0.0581	0.0190	0.0228	0.0003	0.0063	0.0179	-0.0112	0.0337	-0.0123	-0.0010
717	ACCTANT (EXC CPA)	202	0.0244	0.0094	0.0077	-0.0041	0.0122	-0.0275	-0.0415	0.0047	-0.0196	-0.0039
721	PURCHASING AGENT	25	-0.0020	-0.0020	0.0084	-0.0019	-0.0020	-0.0096	-0.0106	0.0020	-0.0090	0.0088
722	RETAIL BUYER	22	0.0055	-0.0046	0.0132	-0.0098	0.0103	-0.0057	-0.0024	0.0067	-0.0010	0.0044
723	EFFICIENCY EXPERT	111	0.0293	0.0027	0.0048	-0.0025	0.0037	0.0347	0.0037	0.0254	0.0037	0.0040
724	ADVERTISING	40	-0.0156	-0.0132	-0.0148	0.0056	-0.0022	-0.0121	0.0055	0.0069	0.0143	0.0018
725	PUBLIC RELATIONS	31	0.0008	0.0025	0.0007	0.0046	0.0067	-0.0281	-0.0027	0.0137	0.0228	0.0052
726	PERSONNEL ADMIN	81	0.0056	0.0127	0.0044	-0.0118	-0.0023	-0.0004	0.0123	0.0274	0.0055	0.0093
727	APPRAISING, ESTIMATING	36	-0.0089	-0.0070	-0.0077	0.0013	0.0009	-0.0098	0.0051	0.0050	-0.0137	-0.0016
728	LOAN/CREDIT INVESTIG	29	0.0027	0.0071	0.0137	-0.0036	0.0041	-0.0225	-0.0114	0.0041	0.0018	0.0052
730	BUS MGMT ADM (NEC)	511	0.0359	0.0154	0.0047	0.0081	0.0125	0.0243	0.0191	0.0419	0.0195	0.0007
731	MFG MGMT	95	0.0097	-0.0051	0.0076	0.0142	-0.0045	0.0376	0.0194	0.0106	0.0062	-0.0051
732	WHSL/RET TRADE MGMT/MKTG	195	0.0058	0.0102	0.0083	0.0009	0.0025	-0.0085	-0.0005	0.0217	0.0036	-0.0016
738	SUPERVISOR IN BUS	87	-0.0156	0.0101	0.0040	0.0136	0.0133	-0.0172	-0.0114	-0.0137	-0.0189	-0.0084
741	SLSCLERK	23	-0.0195	-0.0030	-0.0164	-0.0026	-0.0032	-0.0162	-0.0264	-0.0231	-0.0270	-0.0302
742	RTEMAN (MILK, LAUNDRY, ETC)	12	-0.0231	-0.0047	-0.0033	-0.0049	0.0183	-0.0286	-0.0210	-0.0190	-0.0127	-0.0121
743	STOCKBROKER	23	0.0089	0.0122	-0.0049	0.0003	0.0041	0.0122	0.0137	0.0237	0.0268	0.0015
745	REAL ESTATE SLSMAN	26	-0.0014	0.0040	-0.0067	-0.0015	-0.0093	-0.0028	0.0061	0.0078	0.0033	0.0078
746	INSURANCE SLSMAN	61	0.0021	0.0052	0.0043	0.0170	0.0127	-0.0134	-0.0117	0.0069	-0.0113	-0.0024
747	AUTO SLSMAN	22	0.0005	0.0218	0.0135	0.0117	0.0089	-0.0161	-0.0200	0.0012	-0.0035	-0.0099
748	OTHER SLSMAN (NEC)	350	-0.0027	0.0061	0.0068	0.0026	0.0205	-0.0319	-0.0162	0.0077	-0.0124	-0.0042
749	SALES MGR	73	0.0038	0.0054	0.0041	0.0101	0.0046	-0.0225	-0.0060	0.0227	0.0108	0.0092
751	BOOKKEEPER	10	-0.0026	0.0196	0.0119	0.0117	0.0114	-0.0286	-0.0257	-0.0077	-0.0155	0.0098
755	MISC ACCT RECDG	27	-0.0162	-0.0032	-0.0040	-0.0042	0.0150	-0.0190	-0.0026	0.0044	0.0044	-0.0067
758	COMPUTER OPERATOR	73	0.0106	0.0051	0.0036	-0.0061	0.0120	-0.0078	-0.0195	-0.0046	-0.0153	0.0013
769	CLERK (MISC)	24	-0.0132	0.0150	-0.0013	-0.0098	0.0052	-0.0124	-0.0103	0.0120	0.0029	0.0105
772	OFFICE MGR	28	-0.0151	-0.0117	0.0029	-0.0151	-0.0050	-0.0196	-0.0089	-0.0003	-0.0022	-0.0063
789	OTHER "PUB CONT" OCCS	14	-0.0109	0.0000	-0.0089	-0.0105	-0.0024	-0.0224	-0.0242	-0.0095	-0.0076	-0.0084
791	RADIO, TELEGR, TTY OP	14	-0.0052	0.0121	0.0095	0.0122	0.0108	-0.0076	-0.0114	-0.0196	-0.0121	-0.0096
797	MISC CLERICAL	112	-0.0141	0.0146	0.0117	0.0008	0.0222	-0.0232	-0.0131	-0.0129	-0.0105	0.0021
798	MISC ADMINISTRATIVE	38	-0.0027	0.0024	0.0058	0.0024	0.0044	-0.0019	0.0150	0.0153	0.0139	0.0147
810	ELECTRICIAN	168	-0.0519	0.0012	-0.0114	-0.0104	0.0089	-0.0169	-0.0340	-0.0405	-0.0497	-0.0343
811	ELECTRONIC TECHNICIAN	212	-0.0260	0.0060	-0.0083	0.0117	-0.0174	0.0370	-0.0210	-0.0401	-0.0357	-0.0450
812	APPLIANCE REPAIR	55	-0.0274	-0.0183	-0.0156	-0.0096	0.0082	-0.0078	-0.0177	-0.0166	-0.0205	-0.0142
813	PHONE INSTALL & REPAIR	39	-0.0134	-0.0091	-0.0006	0.0038	0.0054	-0.0069	-0.0191	-0.0134	-0.0219	-0.0208
814	REPAIR & SERV COMP	32	-0.0137	-0.0129	-0.0172	-0.0090	-0.0074	0.0152	0.0019	-0.0224	-0.0178	-0.0120
820	MECHANIC (NEC)	116	-0.0459	-0.0054	-0.0176	-0.0196	0.0035	-0.0298	-0.0336	-0.0405	-0.0501	-0.0360
821	AUTO MECHANIC	74	-0.0429	-0.0002	-0.0110	0.0056	0.0042	-0.0437	-0.0519	-0.0412	-0.0569	-0.0415
822	AIRPLANE MECHANIC	68	-0.0470	0.0034	-0.0082	-0.0039	-0.0099	-0.0079	-0.0256	-0.0188	-0.0335	-0.0286
823	OFFICE MACH REPAIR	17	-0.0170	-0.0038	-0.0106	0.0075	-0.0066	0.0023	-0.0032	-0.0110	-0.0201	-0.0114
824	IND MACH REPAIR	21	-0.0197	-0.0149	0.0010	-0.0112	-0.0005	-0.0102	-0.0253	-0.0153	-0.0287	-0.0242
828	MACHINIST	176	-0.0375	-0.0092	-0.0109	0.0009	0.0135	-0.0298	-0.0480	-0.0448	-0.0614	-0.0402
831	CABINET MAKER	13	-0.0115	-0.0018	0.0105	-0.0017	0.0169	-0.0101	-0.0134	-0.0106	-0.0114	-0.0063
832	CARPENTER	55	-0.0205	-0.0040	-0.0117	0.0028	0.0042	-0.0328	-0.0291	-0.0366	-0.0383	-0.0154
833	METAL TRADES	92	-0.0372	-0.0041	-0.0002	-0.0061	0.0192	-0.0314	-0.0467	-0.0448	-0.0483	-0.0253
834	BRKLYR, MASON, PTR, RFR	62	-0.0397	-0.0152	0.0008	-0.0035	0.0014	-0.0307	-0.0327	-0.0304	-0.0311	-0.0246
835	PLUMBER, PIPEFTR	72	-0.0332	-0.0108	-0.0164	-0.0058	-0.0053	-0.0138	-0.0174	-0.0239	-0.0182	-0.0067
836	HEAVY EQUIP OP	47	-0.0213	0.0098	0.0024	-0.0041	0.0248	-0.0235	-0.0282	-0.0195	-0.0330	-0.0171
837	MISC BLDG & CONST	71	-0.0135	-0.0069	-0.0028	-0.0034	0.0100	-0.0100	-0.0185	-0.0231	-0.0248	-0.0062
838	MINING, QURYNG, DRLNG	16	0.0010	-0.0055	-0.0048	-0.0021	0.0007	-0.0040	0.0030	-0.0127	-0.0168	-0.0169
841	PILOT	99	0.0073	0.0045	0.0040	0.0156	0.0026	0.0341	0.0092	-0.0000	0.0002	-0.0110
848	AIR TRAFFIC CONTROLLER	13	-0.0046	-0.0103	-0.0121	0.0014	-0.0004	-0.0158	-0.0068	-0.0047	-0.0016	-0.0035
851	MERCHANT MARINE OCC	10	-0.0070	-0.0063	0.0095	0.0117	0.0070	-0.0015	-0.0146	0.0090	-0.0096	-0.0057
852	RAILROAD OCCS	10	-0.0036	-0.0036	-0.0009	-0.0034	0.0053	0.0009	0.0088	0.0042	0.0048	0.0137
853	AUTO, BUS, TRUCK DRVR	85	-0.0333	-0.0005	0.0051	-0.0012	0.0296	-0.0501	-0.0509	-0.0170	-0.0471	-0.0263
861	PRINTING TRADES	106	-0.0238	-0.0079	0.0021	-0.0010	-0.0074	-0.0517	-0.0526	-0.0464	-0.0471	-0.0350
863	SURVEYOR	27	0.0061	0.0073	0.0174	0.0174	0.0036	0.0024	-0.0031	-0.0120	-0.0106	0.0010
864	DRAFTSMAN	140	-0.0198	-0.0021	-0.0116	0.0166	-0.0115	0.0120	-0.0273	-0.0273	-0.0298	-0.0330
865	PHOTOGRAPHY	39	-0.0163	-0.0033	-0.0163	-0.0059	0.0065	-0.0179	-0.0107	-0.0073	-0.0022	-0.0132
867	LANDSCAPE ARCHIT	13	-0.0122	-0.0119	-0.0089	-0.0014	-0.0139	0.0019	0.0065	-0.0094	0.0101	-0.0150
868	CLTHNG & FASH TRADES	14	-0.0174	-0.0187	-0.0001	-0.0121	-0.0103	-0.0189	-0.0219	-0.0088	0.0018	-0.0009
881	FOOD & BEVERAGE PREP	28	-0.0100	-0.0063	-0.0171	-0.0012	0.0083	-0.0251	-0.0175	-0.0112	-0.0039	0.0167
885	BUTCHER, MEAT CUTTER	23	-0.0166	0.0084	-0.0049	-0.0120	0.0081	-0.0292	-0.0210	-0.0119	-0.0161	-0.0008
891	MISC PERSONAL SERVICES	12	-0.0313	-0.0012	-0.0064	-0.0082	-0.0043	-0.0234	-0.0255	-0.0110	-0.0184	-0.0224
892	BARBER	41	-0.0393	0.0062	0.0093	0.0012	0.0224	-0.0310	-0.0161	-0.0202	-0.0177	0.0057
893	HAIRDRESSER	15	-0.0302	0.0099	-0.0019	0.0108	0.0092	-0.0223	0.0007	-0.0120	0.0051	0.0041
899	GENERAL LABORER	277	-0.0651	-0.0070	-0.0182	-0.0111	0.0223	-0.0644	-0.0592	-0.0408	-0.0717	-0.0298

TABLE 4.3 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INTEREST INVENTORY (CONTD.)									
			ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION	OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES
			P-706	P-707	P-708	P-709	P-710	P-711	P-712	P-713	P-714	P-715
000	NO ANSWER	1812	0.0187	0.0199	-0.0163	0.0045	-0.0250	-0.0044	-0.0259	-0.0031	0.0092	0.0247
001	DON'T KNOW	803	-0.0349	-0.0364	-0.0209	0.0058	-0.0130	-0.0004	-0.02[illegible]4	-0.0037	0.0046	0.0341
101	EXECUTIVE (NEC)	43	0.0043	0.0011	0.0035	0.0027	0.0313	0.0229	0.0225	0.0114	-0.0051	-0.0054
102	FOREMAN (NEC)	49	0.0098	-0.0060	0.0041	0.0182	-0.0020	0.0028	0.0088	0.0155	0.0332	0.0334
111	WORK FOR GOVT (NEC)	52	-0.0117	-0.0151	-0.0050	-0.0061	0.0244	0.0145	-0.0019	0.0083	-0.0110	0.0012
112	IN BUS FOR SELF (NEC)	278	0.0123	-0.0160	-0.0228	0.0037	0.0201	0.0242	-0.0149	-0.0203	0.0160	0.0234
120	IND, BUS, COMM (NEC)	141	0.0048	-0.0052	0.0139	0.0117	0.0280	0.0332	0.0179	0.0223	-0.0089	0.0028
121	RETAIL (NEC)	33	-0.0114	-0.0069	0.0086	0.0053	0.0122	0.0149	0.0124	0.0186	-0.0054	0.0108
122	TRANSPORTATION (NEC)	27	-0.0093	-0.0070	0.0022	-0.0069	0.0144	0.0230	0.0056	0.0078	-0.0076	0.0040
123	REAL ESTATE (NEC)	17	0.0004	-0.0009	-0.0026	0.0042	0.0220	0.0228	-0.0047	-0.0034	-0.0097	-0.0087
124	INSURANCE (NEC)	35	-0.0026	0.0024	0.0073	-0.0158	0.0211	0.0257	0.0150	0.0101	-0.0100	-0.0067
125	ELECTRONICS (NEC)	155	0.0079	0.0066	-0.0116	0.0165	-0.0063	-0.0072	0.0050	0.0203	0.0758	0.0386
150	RESEARCH (NEC)	9	0.0015	-0.0005	0.0020	-0.0004	0.0023	-0.0050	-0.0022	-0.0034	-0.0027	-0.0044
211	MATH, STAT	46	0.0001	0.0118	-0.0191	-0.0214	-0.0358	-0.0331	-0.0009	-0.0188	-0.0155	-0.0339
212	OTHER STATISTICS	14	-0.0024	0.0157	0.0052	-0.0087	0.0063	0.0043	0.0317	0.0136	-0.0030	-0.0162
221	SYSTEMS ANALYST	42	-0.0002	-0.0056	-0.0028	-0.0088	0.0058	-0.0021	0.0304	0.0032	0.0058	-0.0133
222	COMPUTER PROGRAMMER	121	-0.0169	-0.0001	0.0060	-0.0048	-0.0096	-0.0168	0.0313	0.0161	0.0106	-0.0060
229	COMPUTER SPEC (NEC)	20	0.0111	0.0077	0.0026	-0.0113	0.0105	0.0094	0.0279	0.0138	0.0042	-0.0078
230	PHYSICAL SCI (NEC)	15	0.0058	0.0018	-0.0024	-0.0086	0.0096	0.0035	0.0117	0.0062	0.0020	-0.0018
231	CHEMIST	81	-0.0077	-0.0019	-0.0003	0.0084	-0.0003	-0.0087	0.0214	-0.0049	0.0038	-0.0204
232	PHYSICIST	64	-0.0065	0.0048	-0.0177	-0.0187	-0.0301	-0.0316	0.0006	-0.0285	0.0073	-0.0362
234	GEOLOGIST	17	0.0072	0.0049	0.0099	0.0086	-0.0112	-0.0202	-0.0021	-0.0080	0.0108	-0.0110
235	METEOROLOGIST	10	-0.0026	0.0050	-0.0013	-0.0098	-0.0031	-0.0154	0.0008	-0.0041	0.0005	-0.0102
240	ENGINEER (NEC)	167	0.0061	0.0014	0.0139	0.0057	-0.0031	-0.0174	0.0274	-0.0070	0.0346	-0.0133
241	CIVIL ENGINEER	105	-0.0055	-0.0162	0.0065	0.0076	-0.0207	-0.0387	0.0041	-0.0219	0.0084	-0.0184
242	ELECTRICAL ENGINEER	243	0.0112	-0.0045	-0.0160	-0.0146	-0.0285	-0.0416	0.0272	-0.0207	0.0758	-0.0238
243	MECH ENGINEER	143	0.0115	-0.0209	-0.0111	0.0042	-0.0233	-0.0396	0.0122	-0.0135	0.0634	0.0093
244	AERONAUTICAL ENG	37	0.0103	-0.0018	-0.0026	-0.1035	-0.0146	-0.0169	0.0142	-0.0059	0.0142	-0.0161
245	CHEM ENGINEER	58	-0.0029	-0.0138	0.0153	0.0158	-0.0095	-0.0162	0.0231	-0.0056	0.0107	-0.0168
250	ARCHITECT	58	0.0712	0.0214	0.0086	-0.0015	0.0036	-0.0049	-0.0010	-0.0070	-0.0018	-0.0011
299	PHYS SCI, LAB TECH	78	-0.0165	-0.0190	-0.0076	0.0093	-0.0193	-0.0115	-0.0009	-0.0030	0.0220	0.0145
310	BIOLOGIST, ZOOLOGIST	32	0.0270	0.0170	-0.0101	0.0258	-0.0154	-0.0238	-0.0105	-0.0035	-0.0020	-0.0110
313	SPEC IN AGRIC SCI	35	-0.0145	-0.0122	0.0091	0.0238	-0.0097	-0.0084	-0.0087	-0.0033	-0.0074	0.0033
314	WLDLF/FOREST SPEC	49	0.0011	0.0058	0.0020	0.0469	-0.0209	-0.0107	-0.0136	-0.0042	-0.0046	0.0017
316	MICROBIOLOGIST	15	0.0009	0.0043	-0.0007	-0.0026	-0.0141	-0.0157	-0.0103	-0.0094	-0.0088	-0.0194
317	BIOCHEMIST	9	0.0135	0.0167	0.0023	-0.0051	0.0046	0.0050	0.0151	0.0016	0.0021	-0.0028
322	MD-SURGEON	14	0.0174	0.0140	0.0015	-0.0098	-0.0031	-0.0158	0.0024	-0.0109	-0.0199	-0.0251
329	MD-OTHER	229	0.0194	0.0475	0.0053	-0.0311	-0.0183	-0.0399	-0.0196	-0.0564	-0.0710	-0.0826
332	DENTIST	97	0.0210	0.0064	0.0253	0.0170	-0.0005	0.0008	-0.0018	-0.0184	-0.0237	-0.0294
333	VETERINARIAN	20	-0.0256	-0.0186	0.0047	0.0137	-0.0176	-0.0186	-0.0131	-0.0162	-0.0097	-0.0147
343	PHYS THERAPIST	11	0.0069	-0.0024	-0.0023	0.0057	0.0011	-0.0052	-0.0033	0.0085	-0.0030	0.0049
347	MED/DENT TECHNOL	16	0.0015	-0.0019	-0.0020	-0.0044	-0.0026	0.0116	-0.0059	-0.0006	-0.0084	-0.0063
348	MED/DENT TECHNICIAN	27	0.0045	0.0031	0.0015	-0.0045	-0.0102	-0.0107	-0.0061	-0.0068	0.0026	-0.0117
350	HOSPITAL ADMIN	11	-0.0115	-0.0054	-0.0068	-0.0166	0.0103	0.0068	0.0080	0.0069	-0.0107	-0.0008
335	PHARMACIST	91	-0.0082	-0.0013	0.0092	0.0046	-0.0094	-0.0123	0.0040	-0.0055	-0.0126	-0.0302
360	PSYCHOLOGIST	106	0.0392	0.0470	-0.0006	-0.0303	0.0186	0.0103	-0.0139	-0.0224	-0.0304	-0.0406
370	SOCIAL WORKER	60	0.0156	0.0138	0.0055	-0.0178	-0.0025	0.0111	-0.0092	-0.0078	-0.0202	-0.0188
371	PSYCHIATRIC SOC WRKR	9	0.0083	0.0192	-0.0011	0.0004	0.0027	0.0069	-0.0153	0.0012	-0.0163	-0.0048
372	COUNSELING/GUIDANCE	12	0.0135	0.0056	-0.0029	-0.0096	0.0080	0.0088	0.0052	0.0152	-0.0042	0.0006
373	VOC/ED GUIDANCE	23	0.0021	0.0022	0.0076	-0.0122	0.0125	0.0148	0.0117	0.0114	-0.0185	-0.0117
382	ECONOMIST	23	0.0087	0.0032	0.0071	0.0070	0.0134	0.0106	0.0088	0.0019	-0.0091	-0.0065
389	SOCIAL SCI (MISC)	21	-0.0030	0.0017	0.0183	0.0044	0.0068	0.0007	0.0063	-0.0059	-0.0098	-0.0125
392	DIPLOMAT	22	-0.0025	0.0034	-0.0121	-0.0158	-0.0044	-0.0023	-0.0180	-0.0226	-0.0353	-0.0340
393	LAWYER	393	0.0265	0.0386	0.0212	-0.0424	0.0726	0.0403	-0.0039	-0.0324	-0.1189	-0.1047
394	MARKET ANALYST	10	0.0109	0.0040	0.0111	-0.0040	0.0090	0.0031	0.0135	0.0029	0.0005	-0.0023
398	CITY PLANNER (NEC)	12	0.0030	0.0047	0.0006	0.0121	0.0064	0.0036	0.0043	-0.0018	-0.0168	-0.0175
400	TEACHER (NEC)	423	0.0068	0.0170	0.0505	-0.0151	0.0425	0.0230	0.0229	0.0242	-0.0555	-0.0385
412	TEACHER-ELEM	45	-0.0031	0.0018	0.0169	-0.0042	0.0028	0.0101	-0.0063	-0.0048	-0.0199	-0.0127
420	TEACHER-HS (NEC)	59	0.0112	0.0274	0.0199	0.0093	0.0178	0.0193	0.0109	0.0221	-0.0203	-0.0064
421	TEACHER-HS MATH	62	-0.0050	-0.0005	0.0196	-0.0190	0.0100	-0.0018	0.0373	0.0125	-0.0003	-0.0104
422	TEACHER-HS SCI	50	0.0205	0.0018	0.0191	0.0213	0.0090	-0.0011	0.0007	-0.0049	0.0036	0.0024
423	TEACHER-HS SOC ST	94	0.0060	0.0166	0.0034	-0.0111	0.0172	0.0082	-0.0007	0.0034	-0.0543	-0.0329
424	TEACHER-ENGLISH	45	0.0215	0.0304	-0.0179	-0.0303	-0.0178	-0.0158	-0.0304	-0.0085	-0.0437	-0.0364
425	TEACHER-FOREIGN LANG	10	0.0112	0.0276	-0.0027	-0.0095	-0.0010	-0.0049	-0.0020	0.0035	-0.0149	-0.0016
426	TEACHER-COMM ED	16	-0.0076	0.0106	-0.0048	-0.0189	-0.0028	-0.0172	0.0117	0.0139	-0.0171	-0.0087
428	TEACHER-TRADES	45	0.0092	-0.0094	-0.0034	0.0065	-0.0087	-0.0165	-0.0120	-0.0006	0.0239	0.0202
429	TEACHER-PHYS ED	57	-0.0048	-0.0132	0.0517	0.0028	0.0093	0.0081	-0.0014	-0.0073	-0.0035	0.0071
431	TEACHER-ART	15	0.0610	0.0200	-0.0034	0.0002	-0.0065	-0.0042	-0.0082	-0.0072	-0.0201	-0.0135
432	TEACHER-MUSIC	38	0.0215	0.1015	-0.0277	-0.0258	-0.0043	-0.0016	-0.0118	0.0149	-0.0315	-0.0153
440	TEACHER-HANDICAPPED	18	0.0184	0.0250	0.0130	-0.0056	0.0147	0.0164	0.0022	0.0050	-0.0297	-0.0146
450	SCHOOL ADMIN (EXC COLL)	43	-0.0053	0.0210	0.0178	-0.0174	0.0173	0.0128	-0.0019	0.0053	-0.0300	-0.0213
460	COLL/UNIV TCHR (NEC)	179	0.0608	0.0749	-0.0199	-0.0600	0.0103	-0.0088	-0.0097	-0.0147	-0.0720	-0.0587
461	COLL/UNIV TCHR-MATH	28	0.0083	0.0213	-0.0094	-0.0289	-0.0151	-0.0121	0.0122	-0.0015	-0.0180	-0.0223
462	COLL/UNIV TCHR-SCI	68	0.0106	0.0317	0.0094	0.0101	-0.0350	-0.0332	-0.0097	-0.0126	-0.0049	-0.0317
463	COLL/UNIV TCHR-SOC SCI	85	0.0333	0.0397	-0.0134	-0.0227	0.0181	0.0018	-0.0217	-0.0158	-0.0511	-0.0430
464	COLL/UNIV TCHR-ENGLISH	57	0.0493	0.0579	-0.0145	-0.0417	0.0009	-0.0111	-0.0257	-0.0192	-0.0557	-0.0483
465	COLL/UNIV TCHR-FOR LANG	15	0.0126	0.0341	-0.0185	-0.0242	0.0061	-0.0018	0.0047	0.0007	-0.0333	-0.0215
521	CLERGYMAN	176	0.0143	0.0533	-0.0121	-0.0243	0.0081	-0.0058	-0.0012	0.0203	-0.0553	-0.0372
522	MONK, BROTHER, NUN	16	0.0193	0.0314	-0.0058	0.0008	-0.0040	-0.0045	0.0056	0.0147	-0.0028	0.0026
523	RELIG WRKR (OTHER)	14	0.0147	0.0222	0.0094	-0.0016	0.0023	0.0086	0.0152	0.0156	-0.0109	0.0069
531	WRITER (NEC)	24	0.0266	0.0210	-0.0172	-0.0129	-0.0354	-0.0295	-0.0353	-0.0181	-0.0344	-0.0267
534	JRNLIST/REPRTER	43	0.0227	0.0432	0.0022	-0.0293	-0.0053	-0.0042	-0.0122	-0.0047	-0.0334	-0.0222
539	TRNSLTR, INTRPRTR, LINGST	9	0.0147	0.0223	-0.0154	-0.0153	-0.0041	-0.0066	-0.0074	-0.0030	-0.0176	-0.0123
541	FINE ARTS	16	0.0476	0.0283	-0.0251	-0.0102	-0.0068	-0.0092	-0.0297	-0.0094	-0.0232	-0.0110
545	COMM ARTIST	48	0.0947	0.0297	-0.0082	0.0140	-0.0115	-0.0166	-0.0337	-0.0147	-0.0107	-0.0029
547	DESIGNER (CONS GDS)	28	0.0282	-0.0067	-0.0050	0.0017	-0.0153	-0.0226	-0.0167	-0.0181	0.0123	0.0028
551	MUSICIAN	24	0.0183	0.0727	-0.0394	-0.0314	-0.0257	-0.0209	-0.0239	-0.0015	-0.0238	-0.0253

TABLE 4.3 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INTEREST INVENTORY (CONTD.)									
			ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION	OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES
			P-706	P-707	P-708	P-709	P-710	P-711	P-712	P-713	P-714	P-715
559	MUSIC-RELATED (MISC)	15	0.0148	0.0593	-0.0087	-0.0173	-0.0144	-0.0062	-0.0095	-0.0056	-0.0309	-0.0258
575	THEATRE (OTHER)	23	0.0261	0.0361	-0.0072	0.0023	0.0139	0.0087	-0.0200	-0.0005	-0.0030	-0.0053
578	RADIO/TV ANNOUNCER	17	0.0076	0.0163	-0.0123	-0.0193	-0.0041	0.0026	-0.0071	0.0110	-0.0181	-0.0191
579	MISC PERF ARTS	12	0.0078	0.0078	-0.0147	0.0061	-0.0067	0.0025	-0.0118	-0.0058	-0.0080	-0.0090
611	ATHLETE	10	0.0080	0.0015	0.0271	0.0143	0.0001	-0.0055	-0.0042	0.0005	0.0018	0.0082
612	PRO ATHLETICS (AUX)	15	-0.0118	-0.0078	0.0299	0.0105	0.0105	0.0065	0.0092	0.0037	-0.0191	-0.0019
621	RECREATION DIR	18	0.0060	0.0014	0.0189	0.0043	0.0027	0.0035	-0.0080	-0.0048	-0.0136	-0.0020
623	FRSTRY, HUNT, TRAP	19	0.0036	-0.0107	0.0116	0.0278	-0.0261	-0.0170	-0.0200	-0.0143	0.0046	0.0059
631	FARM/RANCH OWNER	128	-0.0496	-0.0491	-0.0097	0.0236	-0.0365	-0.0222	-0.0089	-0.0087	0.0259	0.0439
639	FARMING (OTHER)	244	-0.0780	-0.0616	-0.0132	0.0399	-0.0473	-0.0251	-0.0308	-0.0032	0.0446	0.0677
640	MILITARY (RANK NOT IND)	54	-0.0020	0.0042	-0.0068	-0.0022	-0.0082	-0.0125	-0.0180	-0.0169	-0.0077	-0.0108
641	MILITARY-ENLISTED	13	0.0020	0.0095	0.0123	0.0018	-0.0077	0.0041	-0.0082	-0.0070	0.0004	0.0111
642	MILITARY-OFFICER	108	0.0065	0.0037	0.0216	0.0166	0.0062	-0.0148	-0.0035	-0.0147	-0.0018	-0.0178
650	INTELLIGENCE-CIA, ETC.	21	0.0026	0.0004	-0.0031	-0.0014	0.0145	0.0118	-0.0129	0.0045	-0.0011	0.0048
661	POLICE (PUBLIC)	151	-0.0128	-0.0064	0.0131	0.0322	-0.0048	-0.0089	-0.0244	-0.0101	-0.0021	0.0123
666	FIREMAN	41	-0.0105	-0.0275	0.0037	0.0159	-0.0004	-0.0134	-0.0010	0.0052	0.0292	0.0338
669	OTHER PROTECTIVE	22	-0.0084	-0.0176	0.0096	0.0115	-0.0095	0.0001	-0.0128	-0.0111	0.0040	0.0055
711A	BANKING & FINANCE, I	63	-0.0249	-0.0003	0.0057	0.0049	0.0185	0.0161	0.0138	0.0268	-0.0002	0.0030
711B	BANKING & FINANCE, II	116	0.0008	-0.0074	0.0040	-0.0225	0.0398	0.0324	0.0359	-0.0006	-0.0411	-0.0349
712	INVSTMNT, STOCK CONSULT	11	-0.0104	0.0132	-0.0073	-0.0076	0.0052	0.0079	0.0266	0.0101	-0.0061	-0.0054
716	CPA	280	-0.0330	-0.0197	0.0250	-0.0295	0.0463	0.0323	0.1199	0.0554	-0.0234	-0.0234
717	ACCTANT (EXC CPA)	202	-0.0328	-0.0235	0.0008	-0.0137	0.0277	0.0407	0.0828	0.0452	-0.0247	-0.0103
721	PURCHASING AGENT	25	-0.0089	-0.0162	-0.0056	-0.0001	0.0143	0.0087	-0.0035	-0.0072	-0.0075	-0.0063
722	RETAIL BUYER	22	-0.0124	-0.0076	-0.0018	-0.0217	0.0120	0.0229	0.0108	0.0031	-0.0166	-0.0201
723	EFFICIENCY EXPERT	111	-0.0073	-0.0163	0.0233	0.0037	0.0267	0.0090	0.0247	0.0001	0.0017	-0.0215
724	ADVERTISING	40	0.0415	0.0011	0.0055	-0.0051	0.0091	0.0174	-0.0105	-0.0038	-0.0222	-0.0179
725	PUBLIC RELATIONS	31	0.0040	0.0057	0.0036	-0.0061	0.0103	0.0138	-0.0040	0.0000	-0.0294	-0.0174
726	PERSONNEL ADMIN	81	-0.0116	-0.0029	0.0225	0.0051	0.0262	0.0239	0.0079	0.0052	-0.0316	-0.0245
727	APPRAISING, ESTIMATING	36	-0.0192	-0.0165	0.0007	-0.0012	0.0086	0.0044	0.0080	0.0008	-0.0130	-0.0072
728	LOAN/CREDIT INVESTIG	29	-0.0120	-0.0098	-0.0193	-0.0219	0.0073	0.0152	0.0032	0.0017	-0.0175	-0.0089
730	BUS MGMT ADM (NEC)	511	0.0049	-0.0002	0.0072	-0.0010	0.0627	0.0464	0.0417	0.0227	-0.0110	-0.0209
731	MFG MGMT	95	0.0011	-0.0086	0.0108	0.0093	0.0153	0.0064	0.0136	-0.0072	0.0013	-0.0179
732	WHSL/RET TRADE MGMT/MKTG	195	-0.0068	-0.0185	0.0112	0.0035	0.0368	0.0444	0.0291	0.0223	-0.0274	-0.0171
738	SUPERVISOR IN BUS	87	-0.0097	-0.0079	0.0019	0.0019	-0.0019	0.0188	0.0060	0.0145	0.0151	0.0208
741	SLSCLERK	23	-0.0174	-0.0169	-0.0081	0.0065	-0.0222	-0.0132	-0.0165	-0.0060	0.0055	0.0031
742	RTEMAN (MILK, LAUNDRY, ETC)	12	-0.0130	-0.0062	-0.0050	0.0009	-0.0110	-0.0005	-0.0183	0.0039	0.0082	0.0215
743	STOCKBROKER	23	0.0168	-0.0013	-0.0009	0.0078	0.0235	0.0150	0.0097	-0.0128	-0.0223	-0.0236
745	REAL ESTATE SLSMAN	26	0.0034	-0.0004	0.0007	-0.0058	0.0160	0.0315	-0.0051	-0.0089	-0.0117	-0.0087
746	INSURANCE SLSMAN	61	-0.0080	-0.0178	0.0058	-0.0015	0.0137	0.0172	0.0080	-0.0008	-0.0160	-0.0147
747	AUTO SLSMAN	22	0.0043	-0.0061	0.0107	0.0015	0.0141	0.0192	0.0079	0.0170	0.0001	0.0050
748	OTHER SLSMAN (NEC)	350	-0.0203	-0.0108	0.0101	0.0080	0.0317	0.0612	0.0041	0.0002	-0.0039	-0.0050
749	SALES MGR	73	-0.0006	-0.0078	0.0128	-0.0104	0.0322	0.0347	0.0226	0.0086	-0.0196	-0.0096
751	BOOKKEEPER	10	-0.0219	0.0137	-0.0151	-0.0161	-0.0085	0.0028	0.0076	0.0172	-0.0143	-0.0072
755	MISC ACCT RECDG	27	0.0048	0.0043	-0.0025	-0.0055	0.0118	0.0098	-0.0074	0.0170	0.0034	0.0093
758	COMPUTER OPERATOR	78	-0.0075	-0.0096	0.0080	-0.0036	0.0134	0.0106	0.0308	0.0394	0.0080	0.0133
769	CLERK (MISC)	24	0.0029	0.0034	0.0133	0.0095	0.0175	0.0196	0.0173	0.0420	-0.0030	0.0188
772	OFFICE MGR	28	-0.0080	-0.0134	-0.0129	-0.0088	0.0069	0.0188	0.0241	0.0169	-0.0141	0.0001
789	OTHER "PUB CONT" OCCS	14	-0.0031	-0.0039	-0.0085	-0.0219	0.0011	0.0071	0.0071	0.0215	-0.0030	0.0047
791	RADIO, TELEGR, TTY OP	14	0.0040	0.0074	0.0102	0.0073	-0.0034	-0.0078	-0.0031	0.0119	0.0054	0.0044
797	MISC CLERICAL	112	-0.0160	0.0068	-0.0023	0.0092	-0.0098	0.0040	0.0086	0.0341	0.0060	0.0179
798	MISC ADMINISTRATIVE	38	0.0147	0.0139	0.0205	0.0035	0.0238	0.0251	0.0195	0.0271	0.0103	0.0114
810	ELECTRICIAN	168	-0.0059	-0.0307	-0.0220	0.0225	-0.0267	-0.0205	-0.0263	-0.0038	0.0681	0.0659
811	ELECTRONIC TECHNICIAN	212	-0.0116	-0.0168	-0.0307	0.0142	-0.0449	-0.0375	-0.0096	-0.0109	0.0649	0.0160
812	APPLIANCE REPAIR	55	-0.0094	0.0067	-0.0166	0.0076	-0.0075	-0.0123	-0.0114	-0.0044	0.0330	0.0189
813	PHONE INSTALL & REPAIR	39	0.0008	-0.0144	0.0029	0.0209	-0.0046	-0.0038	-0.0110	-0.0010	0.0225	0.0213
814	REPAIR & SERV COMP	32	-0.0094	0.0008	-0.0032	0.0015	-0.0130	-0.0133	-0.0065	-0.0054	0.0220	0.0056
820	MECHANIC (NEC)	116	-0.0245	-0.0218	-0.0236	0.0157	-0.0377	-0.0129	-0.0342	-0.0158	0.0566	0.0592
821	AUTO MECHANIC	74	-0.0329	-0.0316	-0.0324	-0.0186	-0.0436	-0.0318	-0.0322	-0.0085	0.0495	0.0386
822	AIRPLANE MECHANIC	68	-0.0166	-0.0193	-0.0123	0.0134	-0.0188	-0.0144	-0.0216	0.0006	0.0449	0.0325
823	OFFICE MACH REPAIR	17	-0.0176	-0.0115	-0.0186	0.0068	-0.0090	-0.0072	-0.0038	0.0033	0.0179	0.0152
824	IND MACH REPAIR	21	-0.0164	-0.0217	-0.0115	-0.0045	-0.0092	-0.0129	-0.0069	-0.0031	0.0258	0.0193
828	MACHINIST	176	-0.0233	-0.0350	-0.0120	0.0213	-0.0327	-0.0340	-0.0263	-0.0133	0.0724	0.0666
831	CABINET MAKER	13	0.0192	0.0046	0.0051	0.0087	-0.0033	0.0012	-0.0080	0.0109	0.0230	0.0279
832	CARPENTER	55	-0.0118	-0.0156	-0.0067	0.0177	-0.0246	-0.0028	-0.0107	0.0045	0.0350	0.0551
833	METAL TRADES	92	-0.0282	-0.0238	-0.0059	0.0261	-0.0236	-0.0146	-0.0184	-0.0075	0.0459	0.0588
834	BRKLYR, MASON, PTR, RFR	62	-0.0171	-0.0178	-0.0010	0.0074	-0.0192	-0.0128	-0.0239	-0.0060	0.0306	0.0475
835	PLUMBER, PIPEFTR	72	-0.0031	-0.0082	-0.0000	0.0128	-0.0121	-0.0069	-0.0193	0.0021	0.0441	0.0516
836	HEAVY EQUIP OP	47	-0.0269	-0.0215	-0.0075	0.0196	-0.0035	-0.0046	-0.0027	0.0064	0.0301	0.0364
837	MISC BLDG & CONST	71	0.0016	-0.0098	0.0111	0.0117	-0.0139	-0.0102	-0.0149	-0.0015	0.0327	0.0428
838	MINING, QURYNG, DRLNG	16	-0.0066	-0.0117	0.0001	0.0197	0.0011	0.0061	-0.0032	-0.0107	0.0237	0.0216
841	PILOT	99	0.0001	0.0057	0.0110	0.0165	-0.0030	-0.0193	-0.0008	-0.0135	0.0138	-0.0095
848	AIR TRAFFIC CONTROLLER	13	-0.0165	-0.0009	-0.0089	-0.0136	-0.0064	-0.0032	-0.0139	-0.0170	-0.0287	-0.0228
851	MERCHANT MARINE OCC	10	0.0071	0.0020	-0.0119	-0.0027	-0.0175	-0.0196	-0.0153	-0.0168	0.0034	0.0029
852	RAILROAD.OCCS	10	-0.0029	-0.0043	0.0100	-0.0035	0.0165	0.0049	0.0169	0.0172	0.0044	0.0247
853	AUTO, BUS, TRUCK DRVR	85	-0.0340	-0.0388	-0.0102	0.0184	-0.0187	-0.0233	-0.0284	-0.0064	0.0347	0.0515
861	PRINTING TRADES	106	-0.0196	-0.0229	-0.0157	0.0044	-0.0371	-0.0108	-0.0229	-0.0069	0.0138	0.0327
863	SURVEYOR	27	-0.0007	-0.0171	0.0062	0.0073	-0.0106	-0.0095	-0.0002	-0.0028	0.0142	0.0179
864	DRAFTSMAN	140	0.0350	-0.0189	0.0094	0.0294	-0.0136	-0.0200	-0.0066	-0.0059	0.0486	0.0293
865	PHOTOGRAPHY	39	0.0229	0.0060	-0.0006	0.0038	-0.0171	-0.0103	-0.0174	-0.0055	-0.0021	0.0035
867	LANDSCAPE ARCHIT	13	0.0264	0.0142	-0.0133	0.0057	-0.0001	0.0007	-0.0180	-0.0091	0.0055	0.0131
868	CLTHNG & FASH TRADES	14	0.0078	0.0080	0.0019	0.0051	0.0005	-0.0065	-0.0016	-0.0039	-0.0052	0.0097
881	FOOD & BEVERAGE PREP	28	0.0008	-0.0019	-0.0084	-0.0029	0.0044	0.0213	0.0072	0.0243	-0.0035	0.0266
885	BUTCHER, MEAT CUTTER	23	-0.0182	-0.0027	0.0094	0.0154	-0.0114	-0.0025	-0.0032	0.0019	0.0119	0.0231
891	MISC PERSONAL SERVICES	12	-0.0136	-0.0024	-0.0180	-0.0225	-0.0145	-0.0111	-0.0115	-0.0061	-0.0080	0.0027
892	BARBER	41	-0.0083	-0.0004	0.0019	-0.0038	-0.0058	-0.0043	-0.0086	0.0031	0.0026	0.0238
893	HAIRDRESSER	15	0.0225	0.0341	-0.0241	-0.0253	-0.0079	0.0104	-0.0042	0.0138	-0.0188	-0.0037
899	GENERAL LABORER	277	-0.0393	-0.0469	0.0045	0.0215	-0.0177	-0.0029	-0.0364	0.0113	0.0608	0.0867

TABLE 4.3 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INT. INV. (CONTD)		STUDENT ACTIVITIES INVENTORY							
			FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS	CULTURE	LEADERSHIP
			P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606	R-607	R-608
000	NO ANSWER	1812	-0.0025	0.0252	-0.0212	-0.0202	-0.0002	-0.0207	-0.0322	-0.0289	-0.0035	-0.0231
001	DON'T KNOW	803	0.0065	0.0426	-0.0327	-0.0458	-0.0070	-0.0438	-0.0511	-0.0380	-0.0568	-0.0519
101	EXECUTIVE (NEC)	43	-0.0047	-0.0050	-0.0054	0.0082	-0.0028	-0.0023	0.0112	0.0109	0.0111	0.0008
102	FOREMAN (NEC)	49	0.0198	0.0345	0.0042	-0.0015	-0.0069	0.0094	-0.0051	-0.0094	-0.0150	0.0022
111	WORK FOR GOVT (NEC)	52	-0.0049	-0.0027	0.0080	-0.0005	0.0009	0.0004	-0.0057	0.0086	0.0053	0.0079
112	IN BUS FOR SELF (NEC)	278	0.0180	0.0147	0.0083	0.0038	0.0087	0.0010	-0.0073	0.0017	0.0018	0.0050
120	IND, BUS, COMM (NEC)	141	0.0007	0.0116	0.0130	0.0027	0.0119	0.0115	-0.0067	0.0072	0.0096	-0.0037
121	RETAIL (NEC)	33	0.0030	0.0165	0.0122	-0.0039	-0.0100	-0.0057	0.0033	0.0027	-0.0091	-0.0174
122	TRANSPORTATION (NEC)	27	-0.0051	0.0034	0.0021	0.0033	0.0006	0.0081	-0.0099	-0.0059	-0.0074	0.0092
123	REAL ESTATE (NEC)	17	-0.0114	-0.0057	0.0117	0.0153	0.0167	0.0143	0.0201	0.0179	0.0160	0.0162
124	INSURANCE (NEC)	35	-0.0112	-0.0033	0.0135	0.0209	0.0021	0.0174	0.0093	0.0192	0.0117	0.0116
125	ELECTRONICS (NEC)	155	0.0152	0.0296	-0.0128	-0.0127	-0.0017	-0.0173	-0.0157	-0.0252	-0.0320	-0.0265
150	RESEARCH (NEC)	9	-0.0088	-0.0020	-0.0032	-0.0144	0.0064	0.0021	-0.0057	-0.0011	-0.0000	-0.0034
211	MATH, STAT	46	-0.0324	-0.0329	-0.0307	0.0064	-0.0093	-0.0137	0.0186	0.0011	-0.0026	-0.0089
212	OTHER STATISTICS	14	-0.0099	-0.0082	0.0046	-0.0119	0.0024	0.0055	-0.0051	-0.0082	-0.0112	-0.0083
221	SYSTEMS ANALYST	42	-0.0163	-0.0128	-0.0213	-0.0146	0.0011	-0.0202	0.0018	-0.0053	-0.0183	-0.0101
222	COMPUTER PROGRAMMER	121	-0.0225	-0.0008	-0.0009	-0.0126	-0.0095	0.0045	-0.0110	-0.0055	-0.0045	-0.0098
229	COMPUTER SPEC (NEC)	20	-0.0138	-0.0067	-0.0026	-0.0100	0.0019	-0.0068	-0.0010	-0.0031	0.0023	-0.0009
230	PHYSICAL SCI (NEC)	18	-0.0075	0.0001	-0.0158	0.0024	-0.0050	-0.0025	0.0012	-0.0071	-0.0025	0.0204
231	CHEMIST	81	-0.0007	-0.0190	-0.0105	0.0066	-0.0046	0.0106	0.0057	0.0050	0.0011	-0.0028
232	PHYSICIST	64	-0.0273	-0.0441	-0.0125	0.0125	0.0050	0.0103	0.0344	0.0095	0.0235	0.0131
234	GEOLOGIST	17	0.0021	-0.0183	-0.0021	0.0135	-0.0076	0.0012	0.0106	0.0179	0.0025	-0.0015
235	METEOROLOGIST	10	-0.0010	-0.0053	-0.0207	0.0037	-0.0097	-0.0042	0.0019	-0.0081	-0.0011	0.0029
240	ENGINEER (NEC)	167	-0.0022	-0.0164	-0.0104	0.0116	-0.0149	0.0015	0.0278	0.0230	-0.0082	0.0155
241	CIVIL ENGINEER	105	-0.0011	-0.0116	0.0074	0.0033	0.0007	0.0135	0.0162	0.0106	-0.0106	-0.0090
242	ELECTRICAL ENGINEER	243	-0.0325	-0.0443	-0.0349	-0.0009	-0.0102	0.0024	0.0314	0.0101	-0.0071	-0.0009
243	MECH ENGINEER	143	-0.0061	-0.0097	-0.0079	0.0032	-0.0000	-0.0133	0.0298	0.0103	-0.0141	-0.0089
244	AERONAUTICAL ENG	37	-0.0015	-0.0216	-0.0047	0.0130	0.0028	0.0073	0.0225	0.0008	0.0057	0.0029
245	CHEM ENGINEER	58	-0.0026	-0.0157	-0.0108	-0.0109	-0.0071	0.0074	0.0149	0.0066	-0.0051	0.0125
250	ARCHITECT	58	0.0047	-0.0059	-0.0037	-0.0071	0.0067	0.0099	0.0042	0.0009	0.0114	0.0080
299	PHYS SCI, LAB TECH	78	0.0042	0.0099	-0.0000	0.0010	-0.0046	-0.0006	-0.0020	-0.0048	-0.0139	-0.0134
310	BIOLOGIST, ZOOLOGIST	32	0.0237	-0.0185	-0.0108	0.0047	-0.0092	-0.0037	0.0061	-0.0061	0.0037	-0.0112
313	SPEC IN AGRIC SCI	35	0.0595	-0.0010	0.0016	-0.0125	-0.0097	0.0082	0.0110	0.0030	-0.0071	-0.0008
314	WLDLF/FOREST SPEC	49	0.0564	-0.0043	-0.0148	-0.0144	-0.0184	0.0060	0.0005	-0.0077	-0.0030	-0.0091
316	MICROBIOLOGIST	15	-0.0129	-0.0174	0.0098	0.0073	0.0023	0.0034	0.0078	0.0051	0.0134	0.0130
317	BIOCHEMIST	9	-0.0018	-0.0049	-0.0239	-0.0085	0.0114	-0.0069	-0.0057	-0.0108	-0.0000	0.0191
322	MD-SURGEON	14	-0.0286	-0.0313	0.0069	0.0236	0.0043	0.0139	0.0167	0.0112	0.0204	0.0218
329	MD-OTHER	229	-0.0491	-0.0926	0.0010	0.0364	-0.0034	0.0197	0.0516	0.0305	0.0615	0.0702
332	DENTIST	97	-0.0095	-0.0426	0.0325	0.0240	-0.0145	0.0216	0.0282	0.0334	0.0237	0.0344
333	VETERINARIAN	20	0.0188	-0.0194	0.0075	0.0109	0.0075	0.0200	0.0260	0.0048	-0.0016	0.0155
343	PHYS THERAPIST	11	0.0031	0.0126	-0.0007	0.0082	0.0043	-0.0017	0.0087	0.0074	0.0115	-0.0032
347	MED/DENT TECHNOL	15	-0.0068	0.0034	0.0012	0.0074	0.0047	-0.0007	0.0100	-0.0094	0.0035	0.0020
348	MED/DENT TECHNICIAN	27	-0.0021	-0.0039	0.0120	-0.0091	0.0006	0.0193	-0.0011	-0.0036	-0.0094	-0.0081
350	HOSPITAL ADMIN	11	-0.0152	0.0066	0.0156	0.0093	0.0193	0.0100	0.0205	-0.0005	0.0094	0.0206
335	PHARMACIST	91	-0.0146	-0.0246	0.0121	0.0191	-0.0033	0.0005	0.0166	0.0030	-0.0019	0.0048
360	PSYCHOLOGIST	106	-0.0267	-0.0400	-0.0116	0.0390	-0.0012	-0.0002	0.0206	0.0030	0.0230	0.0006
370	SOCIAL WORKER	60	-0.0104	-0.0201	0.0061	0.0086	0.0059	-0.0143	-0.0122	-0.0038	0.0089	0.0151
371	PSYCHIATRIC SOC WRKR	9	-0.0043	-0.0098	-0.0126	0.0011	-0.0152	-0.0056	-0.0024	-0.0002	0.0023	-0.0034
372	COUNSELING/GUIDANCE	12	-0.0010	-0.0011	0.0119	0.0155	-0.0017	0.0028	0.0113	-0.0111	0.0050	0.0253
373	VOC/ED GUIDANCE	25	-0.0093	-0.0112	0.0117	0.0064	-0.0139	0.0041	0.0061	0.0044	0.0174	0.0055
382	ECONOMIST	23	-0.0104	-0.0102	0.0028	-0.0094	0.0017	0.0033	-0.0109	0.0008	0.0094	-0.0016
389	SOCIAL SCI (MISC)	21	-0.0031	-0.0149	0.0304	0.0101	-0.0025	0.0161	0.0012	0.0093	0.0091	0.0107
392	DIPLOMAT	22	-0.0091	-0.0274	-0.0070	0.0109	-0.0099	0.0083	-0.0043	-0.0056	0.0089	0.0122
393	LAWYER	393	-0.0678	-0.0864	0.0460	0.0638	0.0236	0.0319	0.0452	0.0311	0.0740	0.0974
394	MARKET ANALYST	10	-0.0063	-0.0128	0.0116	0.0117	0.0077	0.0203	0.0183	0.0130	0.0198	0.0225
398	CITY PLANNER (NEC)	12	-0.0052	-0.0147	0.0037	0.0072	0.0041	0.0050	0.0122	0.0007	0.0150	0.0090
400	TEACHER (NEC)	423	-0.0181	-0.0262	0.0348	0.0312	0.0051	0.0346	0.0325	0.0150	0.0294	0.0492
412	TEACHER-ELEM	45	-0.0039	-0.0119	0.0157	0.0057	-0.0079	0.0041	-0.0025	0.0105	-0.0032	-0.0144
420	TEACHER-HS (NEC)	69	0.0064	0.0046	0.0069	0.0167	-0.0036	0.0145	0.0058	0.0083	0.0201	0.0034
421	TEACHER-HS MATH	62	-0.0159	-0.0085	0.0008	0.0092	0.0032	0.0046	0.0117	0.0050	-0.0001	0.0098
422	TEACHER-HS SCI	50	0.0161	0.0021	0.0087	0.0058	-0.0111	0.0049	0.0038	0.0036	0.0068	-0.0071
423	TEACHER-HS SOC ST	94	-0.0114	-0.0231	0.0081	0.0207	0.0081	0.0096	0.0050	0.0137	0.0158	0.0102
424	TEACHER-ENGLISH	43	-0.0227	-0.0302	0.0005	0.0191	0.0122	-0.0063	0.0028	-0.0086	0.0259	0.0142
425	TEACHER-FOREIGN LANG	10	0.0076	-0.0022	0.0026	0.0139	-0.0129	-0.0017	0.0060	-0.0118	0.0143	0.0047
426	TEACHER-COMM ED	16	-0.0104	-0.0069	0.0033	0.0011	-0.0028	-0.0036	0.0117	-0.0014	0.0087	0.0020
428	TEACHER-TRADES	45	0.0214	0.0031	-0.0050	-0.0018	-0.0147	0.0053	0.0081	0.0157	0.0057	0.0041
429	TEACHER-PHYS ED	57	0.0078	0.0075	0.0213	0.0074	-0.0118	0.0357	0.0176	0.0093	-0.0074	0.0265
431	TEACHER-ART	15	-0.0176	-0.0094	-0.0019	0.0045	0.0036	0.0034	0.0010	0.0043	0.0197	0.0014
432	TEACHER-MUSIC	38	-0.0207	-0.0133	0.0010	0.0107	-0.0086	-0.0092	-0.0041	0.0047	0.0355	-0.0031
440	TEACHER-HANDICAPPED	18	-0.0011	-0.0151	0.0176	0.0151	0.0020	0.0084	-0.0088	-0.0016	0.0114	0.0058
450	SCHOOL ADMIN (EXC COLL)	43	-0.0162	-0.0117	0.0271	0.0110	-0.0020	0.0208	0.0053	0.0238	0.0270	0.0266
460	COLL/UNIV TCHR (NEC)	179	-0.0375	-0.0478	0.0052	0.0422	-0.0025	0.0089	0.0332	0.0235	0.0564	0.0449
461	COLL/UNIV TCHR-MATH	28	-0.0313	-0.0218	-0.0133	-0.0040	-0.0070	-0.0177	-0.0023	-0.0039	0.0098	-0.0032
462	COLL/UNIV TCHR-SCI	68	-0.0112	-0.0371	-0.0183	0.0079	-0.0097	0.0090	0.0260	0.0185	0.0266	0.0058
463	COLL/UNIV TCHR-SOC SCI	85	-0.0183	-0.0317	-0.0228	0.0167	-0.0007	0.0052	0.0191	0.0151	0.0419	0.0358
464	COLL/UNIV TCHR-ENGLISH	57	-0.0361	-0.0452	-0.0125	0.0355	0.0061	-0.0002	0.0154	-0.0016	0.0470	0.0250
465	COLL/UNIV TCHR-FOR LANG	15	-0.0098	-0.0104	-0.0041	0.0129	0.0075	-0.0016	-0.0015	-0.0017	0.0143	0.0218
521	CLERGYMAN	176	-0.0060	-0.0268	0.0102	0.0352	-0.0063	0.0119	0.0261	0.0155	0.0476	0.0288
522	MONK, BROTHER, NUN	16	-0.0076	-0.0143	-0.0038	0.0074	-0.0128	-0.0007	0.0060	0.0066	0.0217	0.0034
523	RELIG WRKR (OTHER)	14	-0.0033	0.0160	0.0069	0.0053	-0.0110	0.0025	-0.0007	0.0011	0.0037	0.0022
531	WRITER (NEC)	24	-0.0249	-0.0266	-0.0231	0.0079	0.0088	-0.0245	-0.0000	-0.0038	0.0127	0.0001
534	JRNLIST/REPRTER	43	-0.0268	-0.0170	-0.0196	0.0082	0.0201	-0.0028	0.0077	-0.0024	0.0122	0.0102
539	TRNSLTR, INTRPRTR, LINGST	9	-0.0220	-0.0173	0.0082	0.0119	0.0031	0.0008	0.0084	0.0028	0.0139	0.0097
541	FINE ARTS	16	-0.0159	-0.0084	0.0161	0.0200	0.0172	0.0071	-0.0079	-0.0007	0.0208	0.0076
545	COMM ARTIST	48	0.0025	-0.0141	-0.0061	0.0009	-0.0070	-0.0173	-0.0056	-0.0126	0.0105	-0.0177
547	DESIGNER (CONS GDS)	28	-0.0013	-0.0001	-0.0052	-0.0053	0.0100	-0.0118	0.0014	-0.0017	0.0046	-0.0118
551	MUSICIAN	24	-0.0214	-0.0168	-0.0133	0.0145	0.0129	-0.0024	-0.0053	-0.0139	0.0213	-0.0010

TABLE 4.3 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INT. INV. (CONTD)		STUDENT ACTIVITIES INVENTORY							
			FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS	CULTURE	LEADERSHIP
			P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606	R-607	R-608
559	MUSIC-RELATED (MISC)	15	-0.0257	-0.0254	0.0018	0.0120	0.0152	0.0064	0.0036	0.0021	0.0197	0.0043
575	THEATRE (OTHER)	23	0.0074	-0.0001	0.0040	0.0243	0.0215	-0.0024	0.0101	-0.0144	0.0195	0.0102
578	RADIO/TV ANNOUNCER	17	-0.0198	-0.0108	-0.0000	0.0092	-0.0076	-0.0007	0.0043	-0.0026	0.0109	-0.0002
579	MISC PERF ARTS	12	-0.0117	-0.0118	-0.0069	0.0020	-0.0031	-0.0240	-0.0103	-0.0111	-0.0050	-0.0154
611	ATHLETE	10	0.0148	-0.0034	0.0071	-0.0054	0.0029	0.0105	0.0009	-0.0026	-0.0088	0.0047
612	PRO ATHLETICS (AUX)	15	-0.0006	0.0018	0.0105	0.0018	-0.0093	0.0143	0.0053	0.0005	0.0009	0.0043
621	RECREATION DIR	18	0.0054	-0.0040	0.0202	0.0151	-0.0015	0.0148	0.0065	0.0087	0.0106	0.0058
623	FRSTRY, HUNT, TRAP	19	0.0335	0.0095	-0.0074	-0.0147	-0.0072	-0.0078	-0.0048	-0.0033	-0.0024	-0.0093
631	FARM/RANCH OWNER	128	0.1186	0.0390	-0.0320	-0.0253	-0.0115	-0.0146	-0.0114	-0.0123	-0.0217	-0.0189
639	FARMING (OTHER)	244	0.1531	0.0609	-0.0293	-0.0376	-0.0131	0.0027	-0.0237	-0.0287	-0.0277	-0.0146
640	MILITARY (RANK NOT IND)	54	0.0074	-0.0051	-0.0151	-0.0232	0.0042	-0.0128	-0.0166	-0.0166	-0.0105	-0.0177
641	MILITARY-ENLISTED	13	0.0034	0.0097	-0.0072	-0.0027	-0.0100	-0.0038	-0.0117	-0.0112	0.0019	-0.0031
642	MILITARY-OFFICER	108	0.0191	-0.0168	0.0098	0.0084	-0.0017	0.0248	0.0355	0.0186	0.0174	0.0365
650	INTELLIGENCE-CIA, ETC.	21	0.0001	-0.0022	-0.0030	0.0022	0.0117	0.0060	-0.0016	-0.0002	-0.0015	0.0132
661	POLICE (PUBLIC)	151	0.0144	0.0081	-0.0018	-0.0011	-0.0050	0.0113	-0.0030	0.0023	-0.0100	-0.0060
666	FIREMAN	41	0.0094	0.0236	0.0013	-0.0284	-0.0067	-0.0119	-0.0303	-0.0128	-0.0250	-0.0212
669	OTHER PROTECTIVE	22	-0.0041	0.0046	0.0118	0.0109	-0.0057	0.0100	0.0027	0.0024	-0.0008	-0.0034
711A	BANKING & FINANCE, I	63	-0.0033	0.0028	0.0288	-0.0020	0.0202	0.0055	0.0013	0.0058	-0.0005	-0.0120
711B	BANKING & FINANCE, II	116	-0.0193	-0.0246	0.0129	0.0003	-0.0040	0.0058	0.0066	0.0045	-0.0053	0.0145
712	INVSTMNT, STOCK CONSULT	11	-0.0096	-0.0016	0.0010	0.0017	0.0028	-0.0017	0.0009	0.0022	0.0084	0.0087
716	CPA	280	-0.0289	-0.0105	0.0098	-0.0144	-0.0103	0.0028	0.0114	0.0280	-0.0062	-0.0052
717	ACCTANT (EXC CPA)	202	-0.0190	-0.0077	0.0063	-0.0072	-0.0209	-0.0182	-0.0226	-0.0044	-0.0240	-0.0277
721	PURCHASING AGENT	25	0.0036	-0.0050	-0.0026	0.0051	0.0006	-0.0008	-0.0084	0.0011	0.0014	0.0097
722	RETAIL BUYER	22	-0.0230	-0.0182	0.0305	0.0185	0.0199	0.0232	0.0096	0.0192	0.0155	0.0134
723	EFFICIENCY EXPERT	111	-0.0102	-0.0246	0.0131	0.0062	-0.0127	0.0189	0.0174	0.0161	-0.0027	0.0158
724	ADVERTISING	40	-0.0178	-0.0175	0.0160	0.0051	0.0169	0.0033	-0.0215	0.0109	0.0170	0.0022
725	PUBLIC RELATIONS	31	-0.0196	-0.0097	0.0072	0.0194	0.0077	0.0109	0.0103	0.0051	0.0256	0.0206
726	PERSONNEL ADMIN	81	-0.0124	-0.0038	0.0220	0.0146	0.0171	0.0020	0.0126	0.0086	0.0057	0.0173
727	APPRAISING, ESTIMATING	36	0.0099	-0.0042	0.0111	0.0010	0.0004	0.0087	0.0049	-0.0003	-0.0018	0.0016
728	LOAN/CREDIT INVESTIG	29	-0.0037	-0.0032	-0.0003	0.0010	0.0135	0.0063	0.0129	0.0076	0.0032	0.0130
730	BUS MGMT ADM (NEC)	511	-0.0199	-0.0133	0.0357	0.0229	0.0237	0.0274	0.0310	0.0380	0.0135	0.0362
731	MFG MGMT	95	-0.0049	-0.0212	0.0163	0.0115	-0.0059	0.0119	0.0177	0.0182	0.0121	0.0272
732	WHSL/RET TRADE MGMT/MKTG	195	-0.0060	-0.0072	0.0286	0.0128	-0.0057	0.0172	0.0115	0.0286	0.0017	0.0147
738	SUPERVISOR IN BUS	87	0.0128	0.0194	0.0072	-0.0002	0.0020	0.0060	-0.0143	0.0133	-0.0131	-0.0144
741	SLSCLERK	23	0.0044	0.0125	0.0046	-0.0041	-0.0056	-0.0056	-0.0041	-0.0089	-0.0124	-0.0239
742	RTEMAN (MILK, LAUNDRY, ETC)	12	0.0207	0.0278	-0.0078	-0.0084	0.0127	-0.0084	-0.0103	0.0007	-0.0121	-0.0154
743	STOCKBROKER	23	-0.0021	-0.0213	0.0111	0.0079	0.0226	0.0008	0.0203	0.0068	0.0261	0.0172
745	REAL ESTATE SLSMAN	26	-0.0064	-0.0123	0.0154	0.0130	0.0192	0.0090	-0.0018	0.0024	0.0088	0.0133
746	INSURANCE SLSMAN	61	-0.0121	-0.0009	0.0196	0.0142	0.0154	0.0067	0.0025	-0.0014	-0.0009	0.0096
747	AUTO SLSMAN	22	0.0006	0.0048	0.0154	0.0063	0.0114	0.0149	0.0054	0.0068	0.0059	0.0086
748	OTHER SLSMAN (NEC)	350	-0.0092	-0.0089	0.0501	0.0280	0.0175	0.0203	-0.0001	0.0172	0.0081	0.0128
749	SALES MGR	73	-0.0133	0.0069	0.0407	0.0298	0.0035	0.0140	0.0103	0.0116	0.0057	0.0309
751	BOOKKEEPER	10	-0.0108	0.0080	0.0071	0.0037	0.0013	-0.0054	-0.0105	-0.0026	-0.0022	-0.0131
755	MISC ACCT RECDG	27	-0.0044	0.0104	-0.0028	-0.0043	-0.0090	-0.0083	-0.0117	0.0104	0.0026	-0.0103
758	COMPUTER OPERATOR	78	-0.0049	0.0193	-0.0013	0.0047	0.0011	0.0073	0.0035	0.0147	0.0023	-0.0044
769	CLERK (MISC)	24	-0.0061	0.0169	0.0012	-0.0001	0.0037	-0.0079	-0.0146	0.0015	-0.0029	-0.0033
772	OFFICE MGR	28	-0.0112	-0.0087	-0.0015	0.0048	-0.0070	-0.0009	-0.0109	0.0082	0.0019	-0.0086
789	OTHER "PUB CONT" OCCS	14	-0.0191	0.0011	-0.0007	-0.0148	-0.0096	-0.0140	-0.0146	-0.0012	-0.0121	-0.0158
791	RADIO, TELEGR, TTY OP	14	-0.0011	0.0054	-0.0082	-0.0215	-0.0069	-0.0016	-0.0155	-0.0137	-0.0112	-0.0174
797	MISC CLERICAL	112	-0.0019	0.0229	-0.0019	-0.0090	-0.0022	-0.0182	-0.0187	-0.0010	-0.0073	-0.0241
798	MISC ADMINISTRATIVE	38	-0.0055	0.0079	-0.0055	0.0002	[illegible]	0.0097	-0.0126	-0.0010	-0.0034	-0.0013
810	ELECTRICIAN	168	0.0319	0.0502	-0.0182	-0.0327	-0.0025	-0.0120	-0.0371	-0.0242	-0.0362	-0.0272
811	ELECTRONIC TECHNICIAN	212	-0.0045	0.0127	-0.0219	-0.0310	-0.0066	-0.0265	-0.0158	-0.0244	-0.0398	-0.0343
812	APPLIANCE REPAIR	55	-0.0006	0.0201	-0.0214	-0.0228	-0.0120	-0.0237	-0.0164	-0.0144	-0.0165	-0.0179
813	PHONE INSTALL & REPAIR	39	0.0158	0.0169	-0.0039	-0.0180	0.0011	-0.0078	-0.0093	-0.0120	-0.0195	-0.0108
814	REPAIR & SERV COMP	32	-0.0019	0.0139	-0.0108	-0.0131	-0.0092	-0.0139	-0.0152	-0.0293	-0.0068	-0.0271
820	MECHANIC (NEC)	116	0.0398	0.0504	-0.0261	-0.0459	-0.0096	-0.0212	-0.0274	-0.0261	-0.0393	-0.0333
821	AUTO MECHANIC	74	0.0029	0.0385	-0.0245	-0.0301	0.0029	-0.0347	-0.0246	-0.0226	-0.0276	[illegible]
822	AIRPLANE MECHANIC	68	0.0234	0.0307	-0.0151	-0.0305	0.0006	-0.0225	-0.0199	-0.0242	[illegible]	[illegible]
823	OFFICE MACH REPAIR	17	0.0163	0.0201	-0.0034	-0.0048	0.0045	-0.0025	0.0074	0.0024	-0.0076	-0.0084
824	IND MACH REPAIR	21	0.0019	0.0127	-0.0042	-0.0127	-0.0025	0.0018	0.0005	-0.0123	-0.0289	-0.0077
828	MACHINIST	176	0.0289	0.0400	-0.0284	-0.0317	-0.0120	-0.0154	-0.0225	-0.0125	[illegible]	[illegible]
831	CABINET MAKER	13	0.0118	0.0265	-0.0104	-0.0047	-0.0072	-0.0102	-0.0026	-0.0088	-0.0116	[illegible]
832	CARPENTER	55	0.0226	0.0405	-0.0107	-0.0204	[illegible]	-0.0111	-0.0138	-0.0140	-0.0174	-0.0232
833	METAL TRADES	92	0.0286	0.0585	-0.0077	-0.0349	-0.0017	-0.0210	-0.0249	-0.0252	-0.0281	-0.0250
834	BRKLYR, MASON, PTR, RFR	62	0.0269	0.0318	-0.0147	-0.0255	0.0039	-0.0077	-0.0215	[illegible]	-0.0328	-0.0232
835	PLUMBER, PIPEFTR	72	0.0295	0.0388	-0.0040	-0.0036	-0.0036	-0.0105	-0.0081	-0.0035	-0.0095	-0.0118
836	HEAVY EQUIP OP	47	0.0267	0.0366	0.0094	-0.0108	0.0207	0.0113	-0.0043	-0.0077	-0.0066	-0.0175
837	MISC BLDG & CONST	71	0.0292	0.0380	-0.0081	-0.0183	[illegible]	[illegible]	-0.0163	-0.0151	-0.0137	-0.0182
838	MINING, QURYNG, DRLNG	16	0.0310	0.0269	0.0062	[illegible]	-0.0022	-0.0055	-0.0022	-0.0174	-0.0044	-0.0008
841	PILOT	99	[illegible]	-0.0135	-0.0034	[illegible]	[illegible]	0.0124	0.0201	0.0133	0.0066	0.0226
848	AIR TRAFFIC CONTROLLER	13	[illegible]	-0.0161	-0.0025	-0.0037	[illegible]	-0.0038	-0.0008	-0.0040	-0.0106	-0.0062
851	MERCHANT MARINE OCC	10	-0.0031	0.0009	-0.0099	-0.0054	[illegible]	0.0032	-0.0084	0.0029	-0.0044	0.0011
852	RAILROAD OCCS	10	0.0089	0.0197	0.0044	0.0162	0.0092	0.0129	0.0070	0.0158	0.0132	0.0118
853	AUTO, BUS, TRUCK DRVR	85	0.0401	0.0531	-0.0139	-0.0294	0.0287	-0.0158	-0.0329	-0.0225	-0.0318	-0.0231
861	PRINTING TRADES	106	0.0028	0.0166	-0.0127	-0.0281	0.0129	-0.0153	-0.0251	-0.0169	-0.0167	-0.0247
863	SURVEYOR	27	0.0166	0.0082	-0.0050	0.0006	0.0006	0.0044	0.0064	0.0070	-0.0041	-0.0092
864	DRAFTSMAN	140	0.0010	0.0137	-0.0180	-0.0327	-0.0068	-0.0230	-0.0324	-0.0140	-0.0296	-0.0355
865	PHOTOGRAPHY	39	-0.0102	-0.0019	-0.0052	0.0090	0.0196	0.0064	0.0012	0.0025	0.0105	0.0019
867	LANDSCAPE ARCHIT	13	0.0146	0.0042	-0.0080	0.0072	-0.0086	0.0091	0.0064	0.0081	0.0135	0.0047
868	CLTHNG & FASH TRADES	14	-0.0008	0.0044	-0.0052	-0.0028	0.0011	-0.0089	-0.0033	-0.0043	-0.0028	-0.0068
881	FOOD & BEVERAGE PREP	28	0.0068	0.0320	0.0001	-0.0067	0.0043	-0.0067	-0.0189	-0.0083	-0.0066	-0.0171
885	BUTCHER, MEAT CUTTER	23	0.0139	0.0242	-0.0031	-0.0101	-0.0035	-0.0153	-0.0021	-0.0102	-0.0095	-0.0051
891	MISC PERSONAL SERVICES	12	-0.0122	0.0075	-0.0208	-0.0198	0.0041	-0.0106	-0.0207	-0.0145	-0.0121	-0.0170
892	BARBER	41	0.0004	0.0251	-0.0066	-0.0279	-0.0106	-0.0107	-0.0359	-0.0264	-0.0158	-0.0229
893	HAIRDRESSER	15	-0.0146	-0.0052	0.0003	0.0036	0.0075	-0.0146	-0.0141	-0.0040	0.0152	-0.0015
899	GENERAL LABORER	277	0.0349	0.0900	-0.0053	-0.0356	-0.0064	-0.0234	-0.0357	-0.0283	-0.0379	-0.0495

TABLE 4.3 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			S.A.I. (CONTD)		STUDENT INFORMATION BLANK SCALES							
			SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS	SELF-PERCEP OF RDNG SKILLS
			R-609	R-610	D-802	F-803	P-820	F-822	F-823	P-827	P-828	P-829
000	NO ANSWER	1812	-0.0194	-0.0467	-0.0491	-0.0560	-0.0567	-0.0143	-0.0323	-0.0380	-0.0126	-0.0174
001	DON'T KNOW	803	-0.0433	-0.0632	-0.0744	-0.0741	-0.0752	-0.0419	-0.0687	-0.0810	-0.0457	-0.0308
101	EXECUTIVE (NEC)	43	0.0124	0.0021	0.0167	0.0156	0.0051	0.0078	0.0048	0.0032	0.0113	0.0005
102	FOREMAN (NEC)	49	0.0103	0.0011	-0.0419	-0.0365	-0.0052	-0.0132	-0.0175	-0.0354	-0.0177	-0.0138
111	WORK FOR GOVT (NEC)	52	-0.0103	0.0048	-0.0070	-0.0059	0.0001	-0.0120	0.0018	-0.0031	-0.0027	0.0014
112	IN BUS FOR SELF (NEC)	278	-0.0063	-0.0022	-0.0191	-0.0356	-0.0466	-0.0110	-0.0002	-0.0314	-0.0179	-0.0270
120	IND, BUS, COMM (NEC)	141	-0.0150	-0.0069	0.0001	-0.0069	-0.0074	-0.0015	-0.0214	-0.0062	-0.0070	-0.0150
121	RETAIL (NEC)	33	0.0016	-0.0089	-0.0287	-0.0244	0.0037	-0.0171	-0.0024	-0.0224	-0.0048	-0.0081
122	TRANSPORTATION (NEC)	27	-0.0098	-0.0137	-0.0035	-0.0106	-0.0176	-0.0085	-0.0129	-0.0094	-0.0039	-0.0143
123	REAL ESTATE (NEC)	17	0.0195	0.0006	-0.0005	-0.0032	-0.0004	0.0004	-0.0090	-0.0055	0.0055	0.0137
124	INSURANCE (NEC)	35	-0.0013	0.0213	0.0120	0.0111	0.0011	0.0056	0.0197	0.0080	0.0005	-0.0041
125	ELECTRONICS (NEC)	155	0.0070	-0.0197	-0.0149	-0.0137	-0.0295	-0.0149	-0.0118	-0.0179	-0.0306	-0.0084
150	RESEARCH (NEC)	9	-0.0082	0.0059	0.0150	0.0095	0.0193	-0.0006	0.0055	0.0103	0.0041	-0.0096
211	MATH, STAT	46	-0.0063	0.0180	0.0318	0.0536	0.0423	-0.0025	0.0055	0.0339	0.0218	0.0120
212	OTHER STATISTICS	14	-0.0005	-0.0032	0.0213	0.0388	0.0363	-0.0086	-0.0018	0.0164	0.0160	0.0103
221	SYSTEMS ANALYST	42	0.0088	-0.0063	0.0369	0.0480	0.0271	0.0165	0.0040	0.0143	0.0082	0.0093
222	COMPUTER PROGRAMMER	121	0.0021	-0.0089	0.0265	0.0289	0.0046	0.0030	0.0038	0.0055	-0.0057	-0.0019
229	COMPUTER SPEC (NEC)	20	0.0145	0.0056	0.0195	0.0172	0.0119	0.0187	0.0084	0.0189	0.0103	0.0039
230	PHYSICAL SCI (NEC)	18	-0.0062	0.0117	0.0213	0.0383	0.0265	0.0027	0.0020	0.0189	0.0078	0.0032
231	CHEMIST	81	0.0038	0.0238	0.0509	0.0552	0.0524	0.0239	0.0161	0.0454	0.0098	0.0326
232	PHYSICIST	64	0.0192	0.0399	0.0468	0.0595	0.0493	0.0044	0.0160	0.0415	0.0234	0.0324
234	GEOLOGIST	17	0.0100	0.0084	0.0161	0.0204	-0.0000	0.0072	0.0183	0.0184	-0.0009	0.0072
235	METEOROLOGIST	10	-0.0063	-0.0034	0.0111	0.0255	0.0142	-0.0007	-0.0098	0.0098	-0.0010	-0.0018
240	ENGINEER (NEC)	167	0.0003	0.0371	0.0686	0.0659	0.0774	0.0176	0.0228	0.0500	0.0134	0.0331
241	CIVIL ENGINEER	105	0.0067	0.0094	0.0477	0.0588	0.0339	0.0069	0.0139	0.0246	0.0010	0.0150
242	ELECTRICAL ENGINEER	243	0.0179	0.0358	0.0888	0.0959	0.0657	0.0103	0.0041	0.0621	0.0093	0.0384
243	MECH ENGINEER	143	0.0029	0.0328	0.0601	0.0691	0.0439	0.0063	0.0210	0.0421	-0.0167	0.0146
244	AERONAUTICAL ENG	37	-0.0003	0.0255	0.0280	0.0323	0.0202	-0.0038	0.0047	0.0212	0.0068	0.0223
245	CHEM ENGINEER	58	0.0205	0.0335	0.0482	0.0646	0.0726	0.0068	0.0201	0.0526	0.0195	0.0424
250	ARCHITECT	58	0.0145	-0.0025	0.0392	0.0366	0.0126	0.0128	0.0144	0.0157	-0.0034	0.0075
299	PHYS SCI, LAB TECH	78	-0.0025	-0.0079	-0.0202	-0.0026	-0.0106	-0.0235	-0.0064	-0.0227	-0.0210	-0.0122
310	BIOLOGIST, ZOOLOGIST	32	-0.0009	-0.0015	0.0210	0.0304	0.0111	0.0069	-0.0036	0.0182	0.0166	0.0160
313	SPEC IN AGRIC SCI	35	-0.0030	0.0130	-0.0024	-0.0163	0.0088	-0.0062	-0.0014	0.0150	-0.0195	-0.0100
314	WLDLF/FOREST SPEC	49	-0.0304	-0.0079	0.0216	0.0114	0.0066	0.0023	-0.0062	0.0078	0.0023	0.0067
316	MICROBIOLOGIST	15	0.0075	0.0118	0.0224	0.0239	0.0035	0.0136	0.0050	0.0151	0.0124	0.0050
317	BIOCHEMIST	9	-0.0016	0.0016	0.0207	0.0262	0.0263	0.0247	0.0137	0.0103	-0.0003	0.0200
322	MD-SURGEON	14	0.0144	0.0284	0.0259	0.0303	0.0319	0.0016	0.0047	0.0343	0.0233	0.0164
329	MD-OTHER	229	0.0395	0.0693	0.0918	0.1269	0.1498	0.0119	0.0389	0.1113	0.0764	0.0726
332	DENTIST	97	0.0342	0.0376	0.0526	0.0634	0.0453	0.0162	0.0179	0.0507	0.0233	0.0304
333	VETERINARIAN	20	0.0196	0.0076	0.0233	0.0147	0.0264	0.0049	0.0101	0.0173	0.0063	0.0204
343	PHYS THERAPIST	11	-0.0056	-0.0076	0.0178	0.0023	0.0009	0.0138	-0.0011	0.0102	-0.0006	-0.0010
347	MED/DENT TECHNOL	16	-0.0104	-0.0103	0.0020	-0.0031	-0.0060	0.0012	-0.0081	-0.0164	0.0020	-0.0002
348	MED/DENT TECHNICIAN	27	0.0173	-0.0054	-0.0101	-0.0051	-0.0022	-0.0043	-0.0027	-0.0114	-0.0062	0.0042
350	HOSPITAL ADMIN	11	0.0131	0.0123	0.0178	0.0061	0.0087	0.0060	0.0219	0.0098	0.0175	0.0181
335	PHARMACIST	91	0.0026	0.0196	0.0446	0.0553	0.0251	-0.0004	0.0185	0.0288	-0.0084	0.0042
360	PSYCHOLOGIST	106	0.0119	0.0172	0.0581	0.0658	0.0381	0.0113	0.0310	0.0451	0.0615	0.0480
370	SOCIAL WORKER	60	-0.0024	-0.0082	0.0183	0.0153	0.0023	0.0045	0.0065	0.0118	0.0250	0.0157
371	PSYCHIATRIC SOC WRKR	9	-0.0038	-0.0028	0.0150	0.0065	0.0026	0.0071	0.0176	0.0074	0.0160	0.0028
372	COUNSELING/GUIDANCE	12	0.0139	-0.0004	-0.0007	0.0108	-0.0112	0.0204	0.0110	0.0081	0.0049	-0.0088
373	VOC/ED GUIDANCE	23	-0.0171	0.0131	0.0189	0.0113	0.0142	0.0187	0.0017	0.0016	0.0047	0.0012
382	ECONOMIST	23	-0.0007	-0.0010	0.0225	0.0299	0.0254	-0.0020	0.0115	0.0174	0.0241	0.0126
389	SOCIAL SCI (MISC)	21	0.0008	0.0103	0.0205	0.0162	0.0127	0.0214	0.0026	0.0226	0.0163	0.0159
392	DIPLOMAT	22	0.0130	0.0007	0.0251	0.0241	0.0205	0.0089	0.0084	0.0108	0.0258	0.0203
393	LAWYER	393	0.0586	0.0488	0.1057	0.1160	0.0813	0.0410	0.0749	0.0656	0.1076	0.0761
394	MARKET ANALYST	10	0.0144	0.0185	0.0165	0.0240	0.0136	0.0045	0.0094	0.0071	0.0138	0.0116
398	CITY PLANNER (NEC)	12	0.0120	0.0116	0.0239	0.0238	0.0131	-0.0023	-0.0040	0.0032	0.0204	0.0076
400	TEACHER (NEC)	423	0.0153	0.0138	0.0524	0.0457	0.0404	0.0389	0.0372	0.0452	0.0353	0.0267
412	TEACHER-ELEM	45	-0.0056	-0.0046	0.0082	0.0063	-0.0055	0.0043	0.0015	0.0093	0.0098	-0.0092
420	TEACHER-HS (NEC)	69	0.0011	0.0011	0.0308	0.0184	0.0132	0.0157	0.0235	0.0152	0.0160	0.0202
421	TEACHER-HS MATH	62	0.0126	0.0148	0.0415	0.0323	0.0245	0.0162	0.0145	0.0249	0.0099	-0.0032
422	TEACHER-HS SCI	50	0.0035	0.0082	0.0344	0.0356	0.0046	0.0042	0.0113	0.0273	0.0207	0.0156
423	TEACHER-HS SOC ST	94	-0.0062	0.0129	0.0301	0.0133	0.0341	0.0065	0.0152	0.0242	0.0260	0.0310
424	TEACHER-ENGLISH	45	0.0090	0.0080	0.0286	0.0336	0.0138	0.0023	0.0015	0.0236	0.0423	0.0303
425	TEACHER-FOREIGN LANG	10	-0.0073	0.0039	0.0057	0.0191	0.0144	0.0065	0.0086	0.0152	0.0150	0.0070
426	TEACHER-COMM ED	16	-0.0014	0.0027	-0.0022	-0.0089	-0.0030	-0.0050	0.0049	0.0193	0.0163	0.0057
428	TEACHER-TRADES	45	-0.0017	0.0282	-0.0045	-0.0208	-0.0041	-0.0062	0.0005	0.0057	-0.0210	-0.0219
429	TEACHER-PHYS ED	57	0.0114	0.0080	0.0183	0.0090	-0.0113	0.0285	0.0083	-0.0115	-0.0159	-0.0282
431	TEACHER-ART	15	0.0058	-0.0009	0.0091	0.0029	-0.0028	0.0123	-0.0007	-0.0059	-0.0099	-0.0035
432	TEACHER-MUSIC	38	0.0020	0.0036	0.0094	0.0049	0.0059	0.0128	-0.0073	0.0112	0.0165	-0.0017
440	TEACHER-HANDICAPPED	18	0.0039	0.0022	0.0173	0.0135	-0.0048	0.0230	0.0014	0.0004	-0.0026	-0.0095
450	SCHOOL ADMIN (EXC COLL)	43	0.0079	0.0173	0.0349	0.0197	0.0212	0.0302	0.0274	0.0294	0.0209	0.0137
460	COLL/UNIV TCHR (NEC)	179	0.0390	0.0465	0.0622	0.0608	0.0794	0.0347	0.0267	0.0622	0.0741	0.0650
461	COLL/UNIV TCHR-MATH	28	-0.0143	0.0085	0.0334	0.0470	0.0703	0.0013	0.0072	0.0351	0.0166	0.0205
462	COLL/UNIV TCHR-SCI	68	0.0042	0.0332	0.0384	0.0491	0.0663	0.0162	0.0335	0.0603	0.0267	0.0305
463	COLL/UNIV TCHR-SOC SCI	85	0.0118	0.0238	0.0453	0.0489	0.0496	0.0176	0.0264	0.0521	0.0680	0.0640
464	COLL/UNIV TCHR-ENGLISH	57	0.0135	0.0133	0.0455	0.0548	0.0591	0.0145	0.0093	0.0392	0.0676	0.0592
465	COLL/UNIV TCHR-FOR LANG	15	0.0075	0.0161	0.0224	0.0227	0.0474	0.0098	0.0133	0.0339	0.0441	0.0187
521	CLERGYMAN	176	0.0383	0.0365	0.0379	0.0384	0.0556	-0.0014	0.0191	0.0718	0.0629	0.0386
522	MONK, BROTHER, NUN	16	-0.0055	0.0162	0.0020	0.0234	0.0159	0.0039	-0.0100	0.0239	0.0161	0.0104
523	RELIG WRKR (OTHER)	14	-0.0040	-0.0024	-0.0015	0.0046	0.0090	0.0060	0.0134	0.0015	-0.0018	0.0100
531	WRITER (NEC)	24	0.0076	0.0007	0.0025	0.0041	-0.0138	-0.0005	-0.0085	-0.0133	0.0311	0.0088
534	JRNLIST/REPRTER	43	0.0129	0.0091	0.0271	0.0208	0.0196	0.0076	0.0149	0.0073	0.0633	0.0276
539	TRNSLTR, INTRPRTR, LINGST	9	0.0180	0.0044	0.0150	0.0188	0.0098	0.0134	0.0003	0.0050	0.0213	0.0228
541	FINE ARTS	16	0.0100	0.0081	0.0148	0.0014	-0.0175	0.0140	0.0185	-0.0007	0.0135	0.0070
545	COMM ARTIST	48	-0.0110	-0.0099	-0.0014	-0.0163	-0.0137	-0.0023	0.0104	-0.0105	-0.0054	-0.0092
547	DESIGNER (CONS GDS)	28	-0.0044	-0.0022	-0.0054	-0.0057	-0.0014	-0.0050	-0.0018	-0.0020	-0.0043	0.0052
551	MUSICIAN	24	-0.0211	-0.0081	0.0025	0.0016	0.0002	-0.0009	-0.0104	-0.0115	0.0118	0.0010

TABLE 4.3 (continued)

			POINT BISERIAL CORRELATIONS									
			S.A.I. (CONTD)		STUDENT INFORMATION BLANK SCALES							
#	GROUP	N	SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS	SELF-PERCEP OF RDNG SKILLS
			R-609	R-610	D-802	F-803	P-820	F-822	F-823	P-827	P-828	P-829
559	MUSIC-RELATED (MISC)	15	-0.0069	-0.0017	0.0135	0.0098	-0.0001	0.0036	0.0077	0.0074	0.0180	0.0237
575	THEATRE (OTHER)	23	0.0273	0.0073	0.0154	0.0116	-0.0055	0.0027	-0.0031	0.0100	0.0182	0.0133
578	RADIO/TV ANNOUNCER	17	0.0068	0.0006	0.0161	0.0061	-0.0059	0.0050	0.0117	0.0004	0.0159	0.0029
579	MISC PERF ARTS	12	-0.0031	-0.0133	-0.0106	-0.0131	-0.0162	0.0095	0.0065	0.0011	0.0017	-0.0011
611	ATHLETE	10	0.0051	0.0000	0.0111	0.0019	0.0057	0.0064	-0.0041	-0.0006	-0.0040	-0.0136
612	PRO ATHLETICS (AUX)	15	0.0117	-0.0105	0.0003	-0.0089	0.0035	0.0012	-0.0091	-0.0026	0.0006	0.0010
621	RECREATION DIR	18	-0.0038	0.0095	0.0092	-0.0065	-0.0119	0.0090	0.0105	0.0024	-0.0043	-0.0093
623	FRSTRY, HUNT, TRAP	19	-0.0020	-0.0146	-0.0208	-0.0296	-0.0276	0.0034	-0.0037	-0.0095	-0.0063	-0.0144
631	FARM/RANCH OWNER	128	-0.0288	0.0036	-0.0791	-0.0820	-0.0205	-0.0462	-0.0313	-0.0178	-0.0449	-0.0467
639	FARMING (OTHER)	244	-0.0367	-0.0070	-0.1082	-0.1176	-0.0369	-0.0522	-0.0419	-0.0434	-0.0505	-0.0511
640	MILITARY (RANK NOT IND)	54	0.0049	-0.0229	-0.0166	-0.0115	-0.0270	0.0035	0.0003	-0.0161	-0.0224	0.0047
641	MILITARY-ENLISTED	13	0.0028	-0.0151	-0.0177	-0.0095	-0.0185	0.0014	0.0023	-0.0064	-0.0207	0.0020
642	MILITARY-OFFICER	108	0.0269	0.0261	0.0440	0.0513	0.0264	0.0145	0.0274	0.0394	0.0191	0.0328
650	INTELLIGENCE-CIA, ETC.	21	0.0151	0.0066	0.0280	0.0123	0.0080	0.0216	0.0113	0.0004	0.0015	0.0116
661	POLICE (PUBLIC)	151	0.0026	-0.0124	-0.0347	-0.0319	-0.0215	-0.0118	-0.0133	-0.0339	-0.0037	-0.0135
666	FIREMAN	41	-0.0133	-0.0332	-0.0384	-0.0298	-0.0335	-0.0176	-0.0093	-0.0542	-0.0335	-0.0242
669	OTHER PROTECTIVE	22	0.0046	-0.0012	-0.0222	-0.0240	-0.0089	-0.0062	-0.0010	-0.0133	-0.0030	-0.0027
711A	BANKING & FINANCE, I	63	-0.0109	-0.0106	-0.0291	-0.0307	-0.0186	-0.0130	-0.0003	-0.0264	-0.0155	-0.0113
711B	BANKING & FINANCE, II	116	0.0071	-0.0034	0.0238	0.0341	0.0011	0.0188	0.0100	0.0223	0.0120	0.0150
712	INVSTMNT, STOCK CONSULT	11	0.0151	0.0026	0.0126	0.0114	-0.0025	-0.0041	-0.0058	0.0020	0.0198	-0.0019
716	CPA	280	0.0065	0.0054	0.0302	0.0306	0.0175	0.0057	0.0143	0.0256	0.0002	0.0034
717	ACCTANT (EXC CPA)	202	-0.0096	-0.0155	-0.0124	-0.0046	-0.0120	-0.0135	-0.0030	-0.0027	-0.0103	-0.0164
721	PURCHASING AGENT	25	-0.0061	-0.0047	0.0038	-0.0020	-0.0180	0.0160	-0.0000	-0.0001	0.0015	-0.0062
722	RETAIL BUYER	22	0.0039	0.0092	-0.0040	-0.0074	-0.0187	0.0205	0.0037	-0.0038	-0.0070	-0.0060
723	EFFICIENCY EXPERT	111	0.0144	0.0049	0.0340	0.0348	0.0116	0.0257	0.0202	0.0237	0.0053	0.0041
724	ADVERTISING	40	-0.0101	-0.0004	0.0167	0.0113	0.0002	0.0121	0.0166	0.0107	0.0129	-0.0075
725	PUBLIC RELATIONS	31	0.0106	0.0041	0.0078	0.0080	-0.0032	0.0119	0.0114	0.0005	0.0342	0.0210
726	PERSONNEL ADMIN	81	0.0141	-0.0054	0.0395	0.0294	-0.0026	0.0179	0.0073	0.0119	0.0148	-0.0050
727	APPRAISING, ESTIMATING	36	0.0098	0.0047	0.0016	0.0071	-0.0004	0.0098	0.0095	-0.0207	-0.0165	-0.0159
728	LOAN/CREDIT INVESTIG	29	-0.0059	-0.0152	0.0087	-0.0014	-0.0040	0.0023	0.0148	-0.0072	0.0007	-0.0046
730	BUS MGMT ADM (NEC)	511	0.0388	0.0310	0.0591	0.0479	0.0136	0.0187	0.0298	0.0187	0.0099	0.0216
731	MFG MGMT	95	0.0387	0.0213	0.0412	0.0380	0.0129	0.0139	0.0219	0.0232	0.0071	0.0205
732	WHSL/RET TRADE MGMT/MKTG	195	0.0141	0.0082	0.0221	0.0081	-0.0198	0.0200	0.0191	0.0104	0.0065	0.0089
738	SUPERVISOR IN BUS	37	-0.0050	-0.0041	-0.0400	-0.0369	-0.0233	0.0076	-0.0085	-0.0261	-0.0241	-0.0344
741	SLSCLERK	23	-0.0096	-0.0135	-0.0309	-0.0225	-0.0218	-0.0091	-0.0169	-0.0309	-0.0285	-0.0369
742	RTEMAN (MILK, LAUNDRY, ETC)	12	-0.0098	-0.0146	-0.0352	-0.0337	-0.0082	-0.0238	-0.0159	-0.0195	-0.0267	-0.0145
743	STOCKBROKER	23	0.0129	0.0073	0.0118	0.0151	0.0066	0.0149	0.0017	0.0058	0.0219	0.0199
745	REAL ESTATE SLSMAN	26	0.0065	-0.0011	0.0118	0.0153	0.0025	0.0064	-0.0025	-0.0102	0.0013	-0.0098
746	INSURANCE SLSMAN	61	0.0024	0.0040	-0.0007	0.0015	-0.0046	0.0136	0.0189	-0.0054	0.0007	-0.0084
747	AUTO SLSMAN	22	0.0011	-0.0026	-0.0003	-0.0063	-0.0074	0.0119	-0.0074	-0.0096	-0.0020	0.0037
748	OTHER SLSMAN (NEC)	350	0.0031	0.0020	-0.0169	-0.0235	-0.0390	0.0215	0.0205	-0.0286	-0.0095	-0.0224
749	SALES MGR	73	0.0174	0.0067	0.0171	0.0172	-0.0084	0.0244	0.0154	0.0024	0.0248	-0.0015
751	BOOKKEEPER	10	-0.0063	-0.0068	-0.0213	-0.0177	-0.0089	-0.0036	-0.0098	-0.0201	-0.0132	-0.0165
755	MISC ACCT RECDG	27	-0.0142	-0.0137	-0.0265	-0.0289	-0.0201	-0.0046	-0.0124	-0.0111	0.0005	-0.0171
758	COMPUTER OPERATOR	78	0.0083	-0.0023	-0.0105	-0.0110	-0.0114	-0.0012	0.0013	0.0018	-0.0125	-0.0209
769	CLERK (MISC)	24	-0.0225	-0.0037	-0.0324	-0.0356	-0.0063	-0.0103	-0.0228	-0.0156	-0.0099	-0.0244
772	OFFICE MGR	28	-0.0130	-0.0046	-0.0118	-0.0118	-0.0134	-0.0081	-0.0227	-0.0057	-0.0030	-0.0056
789	OTHER "PUB CONT" OCCS	14	-0.0022	-0.0176	-0.0061	-0.0109	-0.0149	0.0114	0.0061	-0.0031	-0.0085	-0.0157
791	RADIO, TELEGR, TTY OP	14	-0.0171	-0.0229	-0.0243	-0.0192	-0.0142	-0.0151	-0.0205	-0.0085	-0.0228	-0.0162
797	MISC CLERICAL	112	-0.0203	-0.0226	-0.0367	-0.0425	-0.0287	-0.0072	-0.0209	-0.0327	-0.0179	-0.0133
798	MISC ADMINISTRATIVE	38	-0.0012	-0.0036	-0.0128	-0.0138	0.0006	-0.0033	-0.0069	-0.0043	0.0036	0.0066
810	ELECTRICIAN	168	-0.0217	-0.0116	-0.0834	-0.0693	-0.0395	-0.0307	-0.0237	-0.0540	-0.0516	-0.0348
811	ELECTRONIC TECHNICIAN	212	-0.0125	-0.0239	-0.0203	-0.0121	-0.0287	-0.0065	-0.0131	-0.0241	-0.0266	-0.0100
812	APPLIANCE REPAIR	55	-0.0073	-0.0187	-0.0386	-0.0385	-0.0155	-0.0308	-0.0137	-0.0291	-0.0259	-0.0219
813	PHONE INSTALL & REPAIR	39	-0.0120	-0.0187	-0.0279	-0.0295	-0.0242	-0.0182	-0.0088	-0.0301	-0.0236	0.0011
814	REPAIR & SERV COMP	32	-0.0038	-0.0151	-0.0062	0.0012	-0.0121	0.0007	-0.0036	-0.0076	-0.0076	0.0001
820	MECHANIC (NEC)	116	-0.0161	-0.0226	-0.0796	-0.0838	-0.0454	-0.0391	-0.0455	-0.0634	-0.0503	-0.0444
821	AUTO MECHANIC	74	-0.0248	-0.0171	-0.0598	-0.0575	-0.0333	-0.0220	-0.0266	-0.0633	-0.0359	-0.0358
822	AIRPLANE MECHANIC	68	-0.0252	-0.0249	-0.0549	-0.0596	-0.0310	-0.0169	-0.0184	-0.0413	-0.0356	-0.0173
823	OFFICE MACH REPAIR	17	0.0053	0.0006	-0.0171	-0.0124	-0.0168	-0.0172	-0.0062	-0.0059	-0.0036	-0.0069
824	IND MACH REPAIR	21	-0.0049	-0.0108	-0.0279	-0.0288	-0.0155	-0.0121	-0.0246	-0.0221	-0.0239	-0.0103
828	MACHINIST	176	-0.0254	-0.0224	-0.0825	-0.0834	-0.0411	-0.0321	-0.0341	-0.0375	-0.0489	-0.0473
831	CABINET MAKER	13	-0.0054	-0.0006	-0.0224	-0.0264	-0.0188	-0.0114	-0.0052	-0.0060	-0.0084	-0.0015
832	CARPENTER	55	-0.0210	-0.0185	-0.0570	-0.0617	-0.0316	-0.0312	-0.0261	-0.0227	-0.0234	-0.0251
833	METAL TRADES	92	-0.0024	-0.0175	-0.0745	-0.0835	-0.0384	-0.0265	-0.0316	-0.0464	-0.0288	-0.0337
834	BRKLYR, MASON, PTR, RFR	62	-0.0141	-0.0231	-0.0519	-0.0454	-0.0379	-0.0113	-0.0163	-0.0568	-0.0339	-0.0364
835	PLUMBER, PIPEFTR	72	-0.0120	-0.0118	-0.0602	-0.0510	-0.0286	-0.0209	-0.0170	-0.0263	-0.0329	-0.0291
836	HEAVY EQUIP OP	47	0.0035	-0.0063	-0.0398	-0.0540	-0.0307	-0.0124	-0.0227	-0.0303	-0.0351	-0.0290
837	MISC BLDG & CONST	71	-0.0064	-0.0118	-0.0391	-0.0517	-0.0239	-0.0105	-0.0256	-0.0305	-0.0251	-0.0154
838	MINING, QURYNG, DRLNG	16	0.0067	-0.0065	-0.0321	-0.0309	-0.0065	-0.0063	-0.0077	-0.0286	-0.0139	-0.0157
841	PILOT	99	0.0012	0.0182	0.0173	0.0180	0.0034	0.0092	-0.0096	0.0147	0.0093	0.0277
848	AIR TRAFFIC CONTROLLER	13	0.0064	-0.0036	0.0012	0.0017	-0.0173	0.0032	-0.0056	0.0011	0.0043	-0.0087
851	MERCHANT MARINE OCC	10	-0.0084	-0.0004	0.0057	0.0088	-0.0004	0.0006	-0.0066	-0.0047	-0.0055	-0.0034
852	RAILROAD OCCS	10	-0.0063	0.0054	0.0003	-0.0050	-0.0009	0.0074	0.0110	0.0007	-0.0037	0.0025
853	AUTO, BUS, TRUCK DRVR	85	-0.0309	-0.0183	-0.0698	-0.0665	-0.0384	-0.0206	-0.0275	-0.0523	-0.0287	-0.0300
861	PRINTING TRADES	106	-0.0315	-0.0260	-0.0717	-0.0706	-0.0405	-0.0275	-0.0243	-0.0424	-0.0365	-0.0419
863	SURVEYOR	27	-0.0079	-0.0057	-0.0002	-0.0043	-0.0106	0.0010	-0.0022	-0.0191	-0.0149	-0.0117
864	DRAFTSMAN	140	-0.0260	-0.0268	-0.0425	-0.0404	-0.0393	-0.0045	-0.0231	-0.0276	-0.0381	-0.0345
865	PHOTOGRAPHY	39	-0.0114	-0.0045	-0.0088	-0.0018	-0.0199	-0.0035	-0.0132	-0.0187	-0.0020	-0.0127
867	LANDSCAPE ARCHIT	13	-0.0008	0.0037	0.0060	0.0057	0.0050	-0.0006	0.0085	0.0126	0.0158	0.0080
868	CLTHNG & FASH TRADES	14	-0.0110	-0.0061	-0.0198	-0.0162	-0.0047	-0.0251	-0.0302	-0.0031	-0.0023	-0.0035
881	FOOD & BEVERAGE PREP	28	-0.0149	-0.0162	-0.0312	-0.0288	-0.0149	-0.0023	-0.0036	-0.0133	-0.0091	-0.0181
885	BUTCHER, MEAT CUTTER	23	-0.0130	-0.0145	-0.0381	-0.0354	-0.0091	-0.0092	0.0069	-0.0193	-0.0039	-0.0077
891	MISC PERSONAL SERVICES	12	-0.0126	-0.0230	-0.0106	-0.0168	-0.0212	-0.0036	-0.0036	-0.0261	-0.0132	-0.0121
892	BARBER	41	-0.0210	-0.0315	-0.0331	-0.0438	-0.0244	0.0010	-0.0028	-0.0278	-0.0313	-0.0349
893	HAIRDRESSER	15	-0.0128	-0.0109	-0.0261	-0.0356	-0.0133	-0.0027	0.0110	-0.0111	-0.0113	-0.0196
899	GENERAL LABORER	277	-0.0336	-0.0320	-0.1158	-0.1162	-0.0647	-0.0319	-0.0293	-0.0581	-0.0604	-0.0503

TABLE 4.3 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS								
			STUDENT INFORMATION BLANK SCALES (CONTD.)								
			AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
000	NO ANSWER	1812	0.0131	0.0089	0.0040	0.0103	0.0233	-0.0293	-0.0108	-0.0076	-0.0021
001	DON'T KNOW	803	-0.0240	-0.0559	-0.0684	-0.0491	-0.0509	-0.0442	-0.0452	-0.0099	-0.0052
101	EXECUTIVE (NEC)	43	0.0123	0.0065	0.0026	-0.0037	-0.0050	-0.0003	0.0048	0.0046	0.0076
102	FOREMAN (NEC)	49	-0.0178	-0.0035	-0.0082	0.0173	0.0153	0.0045	0.0111	0.0299	0.0199
111	WORK FOR GOVT (NEC)	52	0.0045	-0.0053	-0.0013	-0.0076	-0.0010	-0.0057	-0.0081	0.0069	0.0112
112	IN BUS FOR SELF (NEC)	278	-0.0308	0.0104	0.0048	0.0372	0.0411	0.0004	0.0108	0.0286	0.0355
120	IND, BUS, COMM (NEC)	141	-0.0040	0.0021	-0.0012	-0.0003	-0.0023	0.0068	-0.0003	0.0035	0.0035
121	RETAIL (NEC)	33	-0.0178	-0.0090	-0.0084	-0.0097	-0.0167	-0.0002	-0.0202	0.0074	0.0195
122	TRANSPORTATION (NEC)	27	-0.0134	0.0025	-0.0044	-0.0046	-0.0099	0.0022	0.0165	0.0154	-0.0037
123	REAL ESTATE (NEC)	17	0.0019	0.0052	0.0138	-0.0081	-0.0099	0.0089	0.0217	0.0024	0.0077
124	INSURANCE (NEC)	35	0.0030	0.0097	0.0101	-0.0029	-0.0071	0.0232	0.0093	0.0008	0.0012
125	ELECTRONICS (NEC)	155	-0.0105	-0.0231	-0.0269	0.0235	0.0225	-0.0147	-0.0342	-0.0048	0.0111
150	RESEARCH (NEC)	9	-0.0029	0.0011	-0.0016	0.0036	-0.0012	0.0094	0.0147	-0.0027	-0.0061
211	MATH, STAT	46	0.0369	-0.0097	-0.0116	-0.0099	-0.0189	-0.0119	-0.0050	-0.0174	-0.0000
212	OTHER STATISTICS	14	0.0067	-0.0057	-0.0105	-0.0035	-0.0133	-0.0042	-0.0113	-0.0105	-0.0160
221	SYSTEMS ANALYST	42	-0.0002	0.0042	-0.0025	0.0160	0.0001	-0.0029	0.0123	-0.0002	-0.0042
222	COMPUTER PROGRAMMER	121	-0.0025	-0.0086	-0.0041	-0.0072	-0.0072	-0.0023	0.0003	-0.0060	-0.0079
229	COMPUTER SPEC (NEC)	25	0.0031	-0.0005	0.0045	0.0008	-0.0006	0.0005	-0.0041	0.0061	-0.0148
230	PHYSICAL SCI (NEC)	18	0.0148	-0.0010	0.0054	0.0058	0.0033	0.0003	0.0052	-0.0283	-0.0136
231	CHEMIST	81	0.0285	0.0037	0.0060	-0.0086	-0.0106	0.0022	0.0002	-0.0103	-0.0074
232	PHYSICIST	64	0.0284	0.0053	0.0103	0.0059	0.0082	-0.0027	0.0025	-0.0245	-0.0014
234	GEOLOGIST	17	0.0134	0.0016	0.0061	0.0073	-0.0012	0.0100	0.0045	0.0043	0.0038
235	METEOROLOGIST	10	0.0013	-0.0056	-0.0069	-0.0059	-0.0118	-0.0085	-0.0051	-0.0130	-0.0181
240	ENGINEER (NEC)	167	0.0186	0.0073	0.0142	0.0121	0.0017	0.0022	0.0158	-0.0122	-0.0228
241	CIVIL ENGINEER	105	-0.0045	-0.0200	-0.0161	-0.0066	-0.0084	0.0105	0.0082	0.0054	-0.0082
242	ELECTRICAL ENGINEER	243	0.0122	-0.0142	-0.0164	0.0083	0.0133	-0.0164	-0.0109	-0.0424	-0.0398
243	MECH ENGINEER	143	-0.0017	-0.0010	-0.0011	0.0139	0.0097	-0.0088	-0.0066	-0.0190	-0.0019
244	AERONAUTICAL ENG	37	0.0129	-0.0067	-0.0029	0.0061	0.0020	0.0044	-0.0027	-0.0192	-0.0021
245	CHEM ENGINEER	58	0.0111	-0.0015	0.0015	0.0028	-0.0043	0.0140	0.0017	-0.0143	-0.0140
250	ARCHITECT	53	-0.0014	0.0042	0.0049	0.0189	0.0161	0.0167	0.0199	0.0078	0.0036
299	PHYS SCI, LAB TECH	78	-0.0151	-0.0116	-0.0207	-0.0030	-0.0063	-0.0186	-0.0235	0.0017	0.0052
310	BIOLOGIST, ZOOLOGIST	32	0.0058	-0.0031	-0.0018	0.0040	-0.0065	-0.0009	-0.0002	-0.0243	-0.0058
313	SPEC IN AGRIC SCI	35	-0.0139	0.0052	0.0103	0.0220	0.0144	0.0031	0.0094	-0.0184	-0.0063
314	WLDLF/FOREST SPEC	49	0.0126	-0.0097	-0.0068	0.0120	0.0040	0.0010	0.0037	-0.0211	-0.0042
316	MICROBIOLOGIST	15	0.0023	0.0014	0.0026	0.0115	0.0102	0.0100	-0.0009	0.0010	-0.0198
317	BIOCHEMIST	9	0.0150	0.0013	0.0078	0.0042	0.0036	0.0018	0.0004	-0.0025	-0.0008
322	MD-SURGEON	14	0.0179	0.0014	-0.0022	0.0042	0.0046	0.0178	0.0105	0.0040	-0.0157
329	MD-OTHER	229	0.0407	0.0312	0.0345	-0.0086	-0.0212	0.0404	0.0361	-0.0181	-0.0599
332	DENTIST	97	-0.0062	0.0114	0.0123	0.0083	-0.0023	0.0337	0.0248	0.0097	-0.0185
333	VETERINARIAN	20	-0.0010	0.0008	0.0040	0.0008	0.0049	0.0091	0.0157	-0.0009	0.0058
343	PHYS THERAPIST	11	-0.0062	0.0107	0.0118	0.0131	0.0005	-0.0068	-0.0032	-0.0043	-0.0078
347	MED/DENT TECHNOL	15	0.0063	-0.0061	-0.0085	0.0068	0.0015	-0.0071	0.0013	0.0099	0.0059
348	MED/DENT TECHNICIAN	27	0.0150	0.0009	0.0095	0.0031	0.0053	0.0104	-0.0054	0.0057	-0.0047
350	HOSPITAL ADMIN	11	0.0052	0.0144	0.0199	-0.0072	-0.0093	-0.0073	0.0137	-0.0034	-0.0104
335	PHARMACIST	91	-0.0074	0.0116	0.0142	0.0097	-0.0061	0.0060	0.0013	-0.0102	0.0075
360	PSYCHOLOGIST	106	0.0539	0.0166	0.0191	-0.0096	-0.0117	0.0047	0.0225	-0.0128	-0.0345
370	SOCIAL WORKER	60	0.0256	0.0057	0.0117	-0.0030	-0.0061	0.0035	0.0118	-0.0117	-0.0081
371	PSYCHIATRIC SOC WRKR	9	0.0053	0.0096	0.0098	-0.0002	-0.0062	0.0043	0.0068	0.0039	0.0004
372	COUNSELING/GUIDANCE	12	0.0018	0.0099	0.0048	0.0072	0.0024	0.0066	-0.0065	-0.0046	0.0044
373	VOC/ED GUIDANCE	23	0.0044	0.0116	0.0105	0.0015	0.0010	0.0115	0.0230	-0.0002	-0.0053
382	ECONOMIST	23	0.0081	0.0076	0.0039	-0.0131	-0.0203	0.0035	-0.0027	0.0074	0.0052
389	SOCIAL SCI (MISC)	21	0.0157	-0.0043	0.0039	-0.0003	0.0002	0.0138	0.0004	0.0111	-0.0079
392	DIPLOMAT	22	0.0126	0.0151	0.0194	-0.0088	-0.0128	-0.0015	0.0074	-0.0003	-0.0073
393	LAWYER	393	0.0659	0.0585	0.0645	-0.0246	-0.0310	0.0496	0.0482	0.0232	-0.0355
394	MARKET ANALYST	10	0.0015	0.0140	0.0135	0.0129	0.0072	0.0146	0.0087	0.0042	-0.0064
398	CITY PLANNER (NEC)	12	0.0161	0.0027	0.0108	0.0072	0.0030	0.0083	0.0182	0.0076	-0.0105
400	TEACHER (NEC)	423	0.0140	0.0067	0.0116	-0.0107	-0.0253	0.0458	0.0430	-0.0074	-0.0180
412	TEACHER-ELEM	45	-0.0098	-0.0050	-0.0033	-0.0100	-0.0101	0.0092	-0.0028	-0.0094	-0.0003
420	TEACHER-HS (NEC)	69	0.0051	-0.0034	-0.0008	-0.0007	0.0031	0.0136	0.0053	-0.0072	0.0045
421	TEACHER-HS MATH	62	-0.0081	-0.0056	-0.0041	-0.0114	-0.0158	0.0012	0.0056	-0.0162	-0.0186
422	TEACHER-HS SCI	50	0.0078	0.0116	0.0123	0.0088	0.0036	0.0096	0.0035	-0.0076	-0.0131
423	TEACHER-HS SOC ST	94	0.0329	0.0128	0.0152	-0.0011	0.0007	0.0091	0.0120	-0.0062	-0.0069
424	TEACHER-ENGLISH	45	0.0225	0.0100	0.0134	-0.0069	-0.0023	-0.0015	0.0018	0.0003	-0.0185
425	TEACHER-FOREIGN LANG	10	0.0194	-0.0019	-0.0000	-0.0040	-0.0028	-0.0032	0.0060	-0.0271	0.0053
426	TEACHER-COMM ED	16	-0.0113	0.0087	0.0100	0.0049	0.0043	0.0028	-0.0087	0.0067	0.0087
428	TEACHER-TRADES	45	-0.0224	0.0195	0.0158	0.0232	0.0285	-0.0079	0.0079	-0.0154	0.0087
429	TEACHER-PHYS ED	57	-0.0214	-0.0124	-0.0095	-0.0011	-0.0038	0.0459	0.0361	0.0102	-0.0203
431	TEACHER-ART	15	0.0099	0.0086	0.0071	0.0117	0.0159	0.0049	0.0105	-0.0049	0.0006
432	TEACHER-MUSIC	38	0.0046	0.0070	0.0156	-0.0088	-0.0011	-0.0259	0.0027	0.0032	-0.0123
440	TEACHER-HANDICAPPED	18	0.0056	-0.0044	-0.0061	-0.0031	-0.0112	0.0068	0.0006	-0.0027	-0.0092
450	SCHOOL ADMIN (EXC COLL)	43	0.0022	0.0027	0.0130	-0.0017	-0.0007	0.0344	0.0228	0.0076	0.0050
460	COLL/UNIV TCHR (NEC)	179	0.0375	0.0091	0.0253	-0.0094	-0.0043	-0.0098	0.0355	-0.0097	-0.0364
461	COLL/UNIV TCHR-MATH	28	0.0068	-0.0050	0.0008	-0.0183	-0.0223	-0.0132	0.0045	-0.0178	-0.0212
462	COLL/UNIV TCHR-SCI	68	0.0431	0.0020	0.0080	0.0025	0.0010	0.0101	0.0009	-0.0212	-0.0024
463	COLL/UNIV TCHR-SOC SCI	85	0.0622	0.0094	0.0205	-0.0129	-0.0126	-0.0114	0.0170	-0.0208	-0.0240
464	COLL/UNIV TCHR-ENGLISH	57	0.0573	0.0086	0.0175	-0.0267	-0.0167	-0.0127	0.0087	0.0032	-0.0327
465	COLL/UNIV TCHR-FOR LANG	15	0.0218	0.0028	0.0044	-0.0098	-0.0109	-0.0191	0.0188	-0.0138	-0.0204
521	CLERGYMAN	176	0.0287	0.0034	0.0237	-0.0279	-0.0275	-0.0007	0.0299	-0.0781	-0.0249
522	MONK, BROTHER, NUN	16	0.0087	-0.0043	0.0009	-0.0068	-0.0046	0.0092	0.0048	-0.0564	-0.0002
523	RELIG WRKR (OTHER)	14	0.0045	-0.0031	0.0047	0.0018	0.0012	0.0002	0.0100	-0.0090	0.0120
531	WRITER (NEC)	24	0.0221	-0.0139	-0.0122	-0.0207	-0.0078	-0.0165	-0.0191	-0.0092	-0.0133
534	JRNLIST/REPRTER	43	0.0343	-0.0017	0.0116	-0.0153	-0.0137	-0.0075	-0.0027	-0.0048	-0.0093
539	TRNSLTR, INTRPRTR, LINGST	9	0.0260	0.0036	0.0057	-0.0050	-0.0007	0.0002	-0.0056	-0.0027	0.0103
541	FINE ARTS	16	0.0098	0.0087	0.0046	0.0104	0.0204	-0.0071	-0.00[illegible]	-0.0010	-0.0030
545	COMM ARTIST	48	-0.0021	-0.0005	-0.0033	0.0208	0.0299	-0.0148	-0.0[illegible]	0.0027	-0.0159
547	DESIGNER (CONS GDS)	28	-0.0009	-0.0045	-0.0057	0.0024	0.0093	-0.0060	-0.0142	0.0031	0.0048
551	MUSICIAN	24	0.0045	-0.0116	-0.0065	-0.0126	-0.0078	-0.0243	0.0023	-0.0058	-0.0066

TABLE 4.3 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS								
			STUDENT INFORMATION BLANK SCALES (CONTD.)								
			AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
559	MUSIC-RELATED (MISC)	15	0.0107	-0.0026	0.0040	-0.0227	-0.0146	-0.0112	0.0209	0.0063	-0.0121
575	THEATRE (OTHER)	23	0.0239	0.0050	0.0152	0.0034	0.0124	-0.0051	-0.0051	0.0109	-0.0112
578	RADIO/TV ANNOUNCER	17	0.0051	0.0050	0.0095	-0.0006	0.0069	-0.0111	-0.0122	-0.0150	-0.0055
579	MISC PERF ARTS	12	0.0078	-0.0116	-0.0091	0.0050	0.0078	-0.0035	-0.0096	-0.0190	0.0034
611	ATHLETE	10	-0.0041	-0.0017	0.0011	-0.0030	-0.0097	0.0194	0.0107	-0.0017	0.0099
612	PRO ATHLETICS (AUX)	15	-0.0082	-0.0101	-0.0094	-0.0149	-0.0218	0.0088	0.0092	0.0005	-0.0286
621	RECREATION DIR	18	0.0029	0.0019	0.0041	-0.0059	-0.0017	0.0143	0.0101	0.0074	0.0032
623	FRSTRY, HUNT, TRAP	19	-0.0035	-0.0165	-0.0136	-0.0029	0.0068	-0.0004	-0.0023	0.0029	0.0095
631	FARM/RANCH OWNER	128	-0.0398	0.0118	0.0058	0.0082	0.0122	-0.0422	0.0076	-0.0387	0.0024
639	FARMING (OTHER)	244	-0.0458	0.0303	0.0229	0.0259	0.0392	-0.0428	0.0061	-0.0439	0.0080
640	MILITARY (RANK NOT IND)	54	0.0137	-0.0060	0.0003	0.0033	0.0030	0.0033	-0.0012	0.0017	0.0125
641	MILITARY-ENLISTED	13	0.0141	0.0139	0.0146	0.0159	0.0169	0.0062	0.0064	-0.0020	0.0030
642	MILITARY-OFFICER	108	0.0181	0.0269	0.0319	0.0059	0.0049	0.0367	0.0216	-0.0026	-0.0051
650	INTELLIGENCE-CIA, ETC.	21	0.0177	0.0120	0.0126	-0.0006	-0.0062	-0.0045	0.0101	0.0049	-0.0031
661	POLICE (PUBLIC)	151	-0.0139	-0.0124	-0.0128	-0.0014	-0.0048	0.0004	0.0048	0.0322	-0.0028
666	FIREMAN	41	-0.0192	-0.0203	-0.0194	-0.0085	-0.0125	-0.0026	-0.0121	0.0316	0.0103
669	OTHER PROTECTIVE	22	-0.0077	-0.0168	-0.0103	-0.0083	-0.0027	0.0137	-0.0135	0.0155	0.0079
711A	BANKING & FINANCE, I	63	-0.0076	-0.0081	-0.0120	-0.0126	-0.0094	-0.0073	-0.0059	0.0106	0.0169
711B	BANKING & FINANCE, II	116	-0.0060	0.0080	0.0064	-0.0178	-0.0254	0.0213	0.0261	0.0081	-0.0043
712	INVSTMNT, STOCK CONSULT	11	-0.0081	0.0004	0.0024	-0.0110	-0.0183	-0.0036	-0.0097	-0.0026	0.0141
716	CPA	280	-0.0017	-0.0046	-0.0086	-0.0184	-0.0321	0.0129	-0.0001	0.0106	0.0082
717	ACCTANT (EXC CPA)	202	-0.0356	-0.0066	-0.0108	-0.0185	-0.0273	-0.0085	-0.0162	-0.0010	0.0055
721	PURCHASING AGENT	25	-0.0010	0.0187	0.0151	-0.0071	-0.0045	-0.0025	0.0046	0.0133	-0.0117
722	RETAIL BUYER	22	0.0052	0.0153	0.0104	-0.0017	-0.0014	0.0170	0.0108	0.0084	-0.0042
723	EFFICIENCY EXPERT	111	0.0088	0.0067	0.0123	0.0071	-0.0049	0.0254	0.0087	-0.0013	0.0051
724	ADVERTISING	40	-0.0127	0.0039	-0.0035	-0.0122	-0.0060	-0.0050	0.0024	0.0023	-0.0054
725	PUBLIC RELATIONS	31	0.0151	0.0137	0.0152	0.0098	0.0083	0.0194	0.0233	0.0198	-0.0075
726	PERSONNEL ADMIN	61	-0.0011	0.0059	0.0079	-0.0083	-0.0147	0.0202	0.0204	0.0080	-0.0102
727	APPRAISING, ESTIMATING	36	-0.0045	0.0149	0.0143	0.0034	-0.0012	0.0134	0.0084	0.0181	0.0015
728	LOAN/CREDIT INVESTIG	29	0.0096	-0.0030	0.0058	-0.0231	-0.0139	-0.0057	0.0175	0.0074	0.0085
730	BUS MGMT ADM (NEC)	511	0.0029	0.0187	0.0231	0.0076	-0.0056	0.0368	0.0231	0.0358	0.0026
731	MFG MGMT	95	0.0037	0.0127	0.0146	0.0132	-0.0011	0.0337	0.0171	0.0084	0.0036
732	WHSL/RET TRADE MGMT/MKTG	195	-0.0041	-0.0108	-0.0046	-0.0103	-0.0204	0.0144	0.0107	0.0211	0.0224
738	SUPERVISOR IN BUS	87	-0.0201	-0.0123	-0.0134	0.0015	-0.0004	0.0103	-0.0264	0.0141	0.0206
741	SLSCLERK	23	-0.0021	-0.0187	-0.0185	0.0005	0.0005	-0.0124	-0.0029	-0.0022	0.0206
742	RTEMAN (MILK, LAUNDRY, ETC)	12	-0.0198	0.0051	0.0014	-0.0072	-0.0011	-0.0203	-0.0152	-0.0186	0.0076
743	STOCKBROKER	23	0.0054	0.0062	0.0091	-0.0192	-0.0113	0.0042	0.0048	0.0094	-0.0081
745	REAL ESTATE SLSMAN	26	-0.0067	0.0087	0.0133	-0.0125	-0.0060	0.0032	-0.0035	0.0145	-0.0020
746	INSURANCE SLSMAN	61	-0.0047	0.0007	-0.0070	0.0031	-0.0076	0.0132	0.0087	0.0189	-0.0026
747	AUTO SLSMAN	22	-0.0077	0.0027	-0.0071	-0.0007	0.0024	0.0115	0.0019	0.0233	0.0052
748	OTHER SLSMAN (NEC)	350	-0.0210	0.0194	0.0231	-0.0005	0.0014	0.0215	0.0070	0.0511	0.0232
749	SALES MGR	73	-0.0118	0.0202	0.0339	-0.0068	-0.0048	0.0148	0.0177	0.0304	0.0195
751	BOOKKEEPER	10	-0.0023	-0.0003	0.0055	0.0010	0.0038	-0.0109	0.0060	0.0181	-0.0006
755	MISC ACCT RECDG	27	-0.0009	0.0231	0.0084	0.0055	0.0121	0.0019	-0.0076	0.0151	0.0348
758	COMPUTER OPERATOR	78	-0.0042	0.0025	0.0031	0.0044	0.0063	0.0008	0.0056	0.0140	-0.0072
769	CLERK (MISC)	24	-0.0171	-0.0028	-0.0047	-0.0111	-0.0028	-0.0100	-0.0112	-0.0031	-0.0166
772	OFFICE MGR	28	-0.0088	-0.0094	-0.0128	-0.0040	-0.0030	-0.0172	-0.0049	0.0118	0.0106
789	OTHER "PUB CONT" OCCS	14	-0.0059	-0.0079	-0.0076	-0.0112	-0.0147	-0.0063	-0.0097	0.0023	0.0047
791	RADIO, TELEGR, TTY OP	14	-0.0088	-0.0068	-0.0102	0.0103	0.0058	0.0096	-0.0041	-0.0076	-0.0097
797	MISC CLERICAL	112	-0.0030	0.0045	-0.0030	0.0022	-0.0056	-0.0059	-0.0195	0.0008	-0.0067
798	MISC ADMINISTRATIVE	38	0.0043	-0.0069	-0.0040	-0.0061	-0.0126	0.0085	0.0122	0.0072	-0.0019
810	ELECTRICIAN	168	-0.0146	-0.0202	-0.0232	0.0096	0.0336	-0.0221	-0.0330	0.0244	0.0317
811	ELECTRONIC TECHNICIAN	212	0.0027	-0.0219	-0.0267	0.0308	0.0295	-0.0155	-0.0351	-0.0145	0.0200
812	APPLIANCE REPAIR	55	-0.0156	-0.0165	-0.0219	0.0041	0.0059	-0.0198	-0.0195	-0.0008	0.0086
813	PHONE INSTALL & REPAIR	39	-0.0123	-0.0103	-0.0165	0.0133	0.0032	0.0074	-0.0078	0.0094	0.0165
814	REPAIR & SERV COMP	32	0.0008	0.0094	0.0124	0.0154	0.0260	0.0047	-0.0061	-0.0076	0.0053
820	MECHANIC (NEC)	116	-0.0251	-0.0135	-0.0171	0.0158	0.0251	-0.0416	-0.0304	-0.0023	0.0322
821	AUTO MECHANIC	74	-0.0330	-0.0185	-0.0263	-0.0051	0.0179	-0.0303	-0.0197	0.0086	0.0262
822	AIRPLANE MECHANIC	68	-0.0080	-0.0273	-0.0252	-0.0027	0.0035	-0.0155	-0.0325	-0.0123	0.0116
823	OFFICE MACH REPAIR	17	-0.0071	-0.0119	-0.0093	0.0020	0.0001	-0.0199	-0.0127	0.0009	0.0065
824	IND MACH REPAIR	21	-0.0111	-0.0233	-0.0267	-0.0068	-0.0055	-0.0152	-0.0189	-0.0023	0.0179
828	MACHINIST	176	-0.0409	-0.0266	-0.0354	0.0064	0.0259	-0.0218	-0.0352	-0.0070	[illegible]
831	CABINET MAKER	13	0.0038	-0.0057	-0.0045	0.0202	0.0308	-0.0056	-0.0023	-0.0103	[illegible]
832	CARPENTER	55	-0.0293	-0.0020	-0.0109	0.0125	0.0120	-0.0046	-0.0282	-0.0056	-0.0012
833	METAL TRADES	92	-0.0279	-0.0081	-0.0227	0.0097	0.0193	-0.0164	-0.0389	0.0006	0.0198
834	BRKLYR, MASON, PTR RFR	62	-0.0133	-0.0301	-0.0366	0.0053	0.0128	-0.0083	-0.0272	0.0318	0.0285
835	PLUMBER, PIPEFTR	72	-0.0357	0.0009	-0.0097	0.0108	0.0124	-0.0190	-0.0052	0.0044	0.0149
836	HEAVY EQUIP OP	47	-0.0186	-0.0081	-0.0116	0.0022	0.0042	-0.0127	-0.0084	-0.0004	0.0156
837	MISC BLDG & CONST	71	-0.0176	0.0044	-0.0014	0.0078	0.0146	0.0016	-0.0189	0.0159	0.0045
838	MINING, QURYNG, DRLNG	16	-0.0113	-0.0140	-0.0111	-0.0117	0.0033	-0.0117	-0.0018	0.0192	0.0182
841	PILOT	99	0.0090	0.0085	0.0098	0.0119	0.0093	0.0192	0.0003	0.0034	0.0128
848	AIR TRAFFIC CONTROLLER	13	-0.0124	-0.0052	-0.0077	-0.0136	-0.0177	0.0041	-0.0048	-0.0002	-0.0007
851	MERCHANT MARINE OCC	10	0.0175	-0.0056	-0.0052	-0.0018	-0.0026	0.0088	-0.0051	-0.0045	0.0115
852	RAILROAD OCCS	10	0.0092	0.0033	-0.0028	0.0047	0.0062	-0.0047	0.0123	0.0042	0.0045
853	AUTO, BUS, TRUCK DRVR	85	-0.0075	0.0003	-0.0087	0.0010	0.0181	-0.0147	-0.0312	-0.0068	0.0302
861	PRINTING TRADES	106	-0.0323	-0.0131	-0.0157	-0.0175	-0.0030	-0.0135	-0.0204	0.0155	0.0174
863	SURVEYOR	27	0.0048	0.0008	-0.0007	0.0127	0.0052	-0.0087	-0.0092	0.0025	0.0110
864	DRAFTSMAN	140	-0.0329	-0.0235	-0.0276	0.0282	0.0253	0.0163	-0.0014	0.0123	0.0152
865	PHOTOGRAPHY	39	0.0074	-0.0012	0.0075	0.0204	0.0321	0.0079	0.0010	0.0035	0.0041
867	LANDSCAPE ARCHIT	13	-0.0079	-0.0022	-0.0037	0.0094	0.0152	0.0003	-0.0050	-0.0030	0.0105
868	CLTHNG & FASH TRADES	14	-0.0057	-0.0057	-0.0084	0.0022	0.0058	-0.0099	-0.0187	-0.0093	0.0031
881	FOOD & BEVERAGE PREP	28	-0.0073	0.0031	0.0035	0.0068	0.0041	-0.0210	-0.0177	-0.0157	0.0083
885	BUTCHER, MEAT CUTTER	23	-0.0061	-0.0114	-0.0138	-0.0051	-0.0022	0.0010	-0.0198	0.0059	0.0052
891	MISC PERSONAL SERVICES	12	-0.0246	0.0039	0.0013	-0.0086	-0.0102	-0.0198	-0.0143	0.0056	-0.0165
892	BARBER	41	-0.0148	0.0013	-0.0061	0.0062	-0.0046	-0.0098	-0.0004	0.0060	0.0020
893	HAIRDRESSER	15	-0.0112	0.0060	0.0128	0.0066	0.0188	-0.0160	0.0051	-0.0142	-0.0080
899	GENERAL LABORER	277	-0.0298	-0.0133	-0.0261	-0.0011	0.0132	-0.0175	-0.0381	0.0144	0.0285

TABLE 4.4

POINT BISERIAL CORRELATIONS BETWEEN HIGH SCHOOL TEST SCORES AND MEMBERSHIP IN AN OCCUPATIONAL GROUP FIVE YEARS OUT OF HIGH SCHOOL. DATA GIVEN FOR 109 COGNITIVE AND NON-COGNITIVE VARIABLES ON 12TH GRADE FEMALES

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INFORMATION TEST I									
			SCREENING	VOCABULARY I	LITERATURE	MUSIC	SOCIAL STUDIES	MATHEMATICS	PHYSICAL SCIENCES	BIOL SCIENCES	SCIENT ATTIT	AERO & SPACE
			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110
000	NO ANSWER	1639	-0.0558	-0.1318	-0.1145	-0.1171	-0.1208	-0.1295	-0.1017	-0.0749	-0.1042	-0.0577
001	DON'T KNOW	262	-0.0265	-0.0072	0.0071	-0.0080	-0.0052	0.0080	-0.0066	-0.0086	-0.0095	0.0053
010	HOUSEWIFE	4695	0.0019	-0.1528	-0.1694	-0.1355	-0.1670	-0.2220	-0.2027	-0.1521	-0.0723	-0.0796
020	NO SPEC INCOME JOB	14	-0.0073	-0.0177	-0.0119	-0.0137	-0.0098	-0.0079	-0.0044	-0.0024	-0.0231	-0.0016
101	EXECUTIVE (NEC)	2	0.0038	-0.0164	-0.0045	-0.0019	0.0022	-0.0051	-0.0008	-0.0086	-0.0087	0.0030
102	FOREMAN (NEC)	3	-0.0028	0.0028	0.0065	-0.0015	0.0058	-0.0030	0.0047	0.0072	-0.0093	0.0102
111	WORK FOR GOVT (NEC)	30	-0.0208	-0.0044	-0.0062	-0.0091	-0.0028	-0.0006	0.0029	-0.0022	-0.0004	0.0085
112	IN BUS FOR SELF (NEC)	18	-0.0039	-0.0007	0.0027	0.0051	0.0041	-0.0012	0.0064	0.0058	0.0125	0.0038
120	IND, BUS, COMM	35	-0.0214	-0.0319	-0.0304	-0.0340	-0.0297	-0.0162	-0.0167	-0.0245	-0.0139	-0.0159
121	RETAIL (NEC)	7	0.0071	0.0078	0.0097	0.0189	0.0115	-0.0026	0.0067	0.0065	0.0005	0.0065
122	TRANSPORTATION (NEC)	5	0.0060	-0.0015	0.0030	-0.0063	0.0011	-0.0024	0.0004	-0.0208	-0.0023	0.0098
123	REAL ESTATE (NEC)	2	-0.0054	-0.0028	-0.0019	-0.0081	0.0009	-0.0031	-0.0093	-0.0034	-0.0021	-0.0129
124	INSURANCE (NEC)	13	-0.0047	0.0001	-0.0042	0.0035	0.0036	-0.0064	-0.0005	0.0007	0.0018	0.0009
125	ELECTRONICS (NEC)	3	-0.0178	-0.0059	-0.0123	-0.0066	-0.0065	-0.0146	-0.0068	-0.0011	-0.0175	0.0024
140	"WRK WTH PEOPLE" (NEC)	8	-0.0062	-0.0010	0.0083	0.0074	0.0069	0.0004	-0.0003	0.0071	0.0091	-0.0019
141	"WRK WITH CHILDR" (NEC)	14	-0.0247	-0.0223	-0.0304	-0.0254	-0.0230	-0.0263	-0.0182	-0.0140	-0.0244	0.0104
150	RESEARCH	6	0.0066	0.0224	0.0255	0.0168	0.0183	0.0268	0.0286	0.0176	0.0194	0.0218
211	MATH, STAT	6	0.0076	0.0264	0.0192	0.0115	0.0132	0.0379	0.0356	0.0263	0.0058	0.0300
212	OTHER STATISTICS	5	0.0060	0.0254	0.0208	0.0171	0.0146	0.0367	0.0316	0.0244	0.0187	0.0119
221	SYSTEMS ANALYST	8	0.0076	0.0226	0.0185	0.0238	0.0201	0.0445	0.0328	0.0301	0.0190	0.0093
222	COMPUTER PROGRAMMER	45	-0.0110	0.0343	0.0233	0.0296	0.0382	0.0509	0.0432	0.0227	0.0177	0.0255
229	COMPUTER SPEC (NEC)	7	0.0071	0.0330	0.0186	0.0211	0.0188	0.0321	0.0210	0.0270	0.0094	0.0133
231	CHEMIST	25	0.0109	0.0478	0.0473	0.0347	0.0446	0.0694	0.0616	0.0380	0.0372	0.0608
234	GEOLOGIST	2	0.0038	0.0170	0.0121	0.0124	0.0147	0.0162	0.0146	0.0170	0.0079	0.0222
241	CIVIL ENGINEER	2	0.0038	0.0109	0.0109	0.0104	0.0122	0.0192	0.0245	0.0093	0.0045	0.0126
245	CHEM ENGINEER	2	-0.0054	0.0185	0.0198	0.0165	0.0135	0.0253	0.0259	0.0119	0.0178	0.0253
299	PHYS SCI, LAB TECH	23	-0.0006	0.0247	0.0197	0.0173	0.0171	0.0331	0.0366	0.0256	0.0042	0.0211
310	BIOLOGIST, ZOOLOGIST	14	0.0066	0.0352	0.0418	0.0352	0.0323	0.0362	0.0446	0.0391	0.0233	0.0370
314	WLDLF/FOREST SPEC	2	0.0038	0.0200	0.0173	0.0104	0.0122	0.0263	0.0259	0.0195	0.0112	0.0445
315	PHARMACOLOGIST	2	0.0038	0.0124	0.0057	0.0022	0.0072	0.0141	0.0132	-0.0009	-0.0021	0.0222
316	MICROBIOLOGIST	15	0.0071	0.0357	0.0347	0.0288	0.0325	0.0463	0.0440	0.0209	0.0058	0.0287
317	BIOCHEMIST	7	0.0071	0.0233	0.0323	0.0233	0.0249	0.0430	0.0315	0.0270	0.0112	0.0219
319	OTHER CHEM SCI	8	-0.0062	0.0264	0.0172	0.0187	0.0201	0.0399	0.0342	0.0288	0.0174	0.0284
329	MD-OTHER	19	0.0088	0.0368	0.0449	0.0383	0.0356	0.0585	0.0504	0.0296	0.0189	0.0285
333	VETERINARIAN	4	-0.0011	0.0187	0.0126	0.0089	0.0162	0.0236	0.0257	0.0312	0.0111	0.0223
335	PHARMACIST	16	0.0075	0.0330	0.0199	0.0199	0.0204	0.0439	0.0355	0.0273	0.0176	0.0142
337	RN	703	0.0376	0.1118	0.0903	0.0808	0.0975	0.1260	0.1517	0.0926	0.0629	0.0599
341	DENTAL HYGIENIST	28	0.0069	0.0165	0.0253	0.0152	0.0099	0.0206	0.0206	0.0158	0.0099	0.0071
343	PHYS THERAPIST	16	0.0075	0.0201	0.0135	0.0141	0.0208	0.0303	0.0275	0.0255	0.0164	0.0063
344	OCCUP THERAPIST	13	-0.0011	0.0228	0.0204	0.0245	0.0115	0.0267	0.0266	0.0147	0.0135	0.0109
346	SPEC THERAPIST (MISC)	19	-0.0002	0.0176	0.0096	0.0183	0.0092	0.0144	0.0097	0.0064	0.0049	-0.0087
347	MED/DENT TECHNOL	101	0.0129	0.0489	0.0488	0.0399	0.0526	0.0741	0.0779	0.0459	0.0317	0.0417
348	MED/DENT TECHNICIAN	134	-0.0070	-0.0074	-0.0055	-0.0049	-0.0077	-0.0046	0.0001	0.0074	-0.0058	0.0120
360	PSYCHOLOGIST	37	-0.0028	0.0394	0.0472	0.0320	0.0339	0.0600	0.0452	0.0300	0.0261	0.0275
369	PSYCH RES ASST	2	0.0038	0.0139	0.0160	0.0083	0.0135	0.0080	0.0146	0.0068	0.0012	0.0094
370	SOCIAL WORKER	190	-0.0034	0.0521	0.0619	0.0494	0.0505	0.0610	0.0517	0.0371	0.0360	0.0173
371	PSYCHIATRIC SOC WRKR	18	0.0084	0.0241	0.0292	0.0229	0.0237	0.0282	0.0275	0.0160	0.0159	0.0123
372	COUNSELING/GUIDANCE	16	0.0075	0.0276	0.0357	0.0192	0.0213	0.0303	0.0185	0.0137	0.0176	0.0221
373	VOC/ED GUIDANCE	32	0.0130	0.0349	0.0400	0.0282	0.0251	0.0456	0.0318	0.0290	0.0248	0.0297
382	ECONOMIST	4	0.0054	0.0219	0.0199	0.0161	0.0208	0.0257	0.0227	0.0078	0.0158	0.0088
383	SOCIOLOGIST	2	-0.0054	0.0155	0.0147	0.0145	0.0135	0.0111	0.0076	0.0017	0.0079	0.0030
384	ANTHROPOLOGIST	5	0.0002	0.0245	0.0249	0.0249	0.0169	0.0233	0.0218	0.0276	0.0166	0.0401
389	SOCIAL SCI (MISC)	7	0.0022	0.0216	0.0309	0.0244	0.0282	0.0213	0.0187	0.0215	0.0112	0.0082
391	POLITICIAN	2	0.0038	0.0109	0.0173	0.0104	0.0147	0.0070	0.0118	0.0042	0.0145	0.0126
392	DIPLOMAT	8	0.0076	0.0226	0.0288	0.0218	0.0244	0.0252	0.0265	0.0225	0.0190	0.0188
393	LAWYER	13	-0.0011	0.0239	0.0234	0.0228	0.0272	0.0251	0.0133	0.0147	0.0057	0.0059
397	PUBLIC ADM (NEC)	2	0.0038	0.0094	0.0134	0.0124	0.0147	0.0111	0.0090	0.0093	0.0079	0.0030
400	TEACHER (NEC)	1194	0.0309	0.1305	0.1340	0.1237	0.1326	0.1836	0.1318	0.1030	0.0829	0.0439
410	TCHNG YNG CHILDR	7	0.0022	0.0176	0.0111	0.0134	0.0168	0.0224	0.0172	0.0051	0.0005	-0.0037
411	TCHNG PRESCH CHILDR	37	0.0079	0.0238	0.0150	0.0205	0.0205	0.0317	0.0203	0.0276	0.0200	0.0090
412	TEACHER-ELEM	752	0.0307	0.0781	0.0836	0.0897	0.0827	0.1051	0.0771	0.0568	0.0507	0.0012
420	TEACHER-HS (NEC)	89	0.0117	0.0489	0.0531	0.0443	0.0522	0.0606	0.0555	0.0454	0.0316	0.0134
421	TEACHER-HS MATH	62	0.0097	0.0559	0.0394	0.0335	0.0461	0.1058	0.0695	0.0322	0.0331	0.0250
422	TEACHER-HS SCI	41	0.0051	0.0406	0.0395	0.0377	0.0401	0.0520	0.0578	0.0394	0.0290	0.0360
423	TEACHER-HS SOC ST	68	0.0144	0.0429	0.0630	0.0462	0.0591	0.0417	0.0396	0.0268	0.0214	0.0205
424	TEACHER-ENGLISH	150	0.0044	0.0671	0.0755	0.0548	0.0710	0.0714	0.0667	0.0526	0.0576	0.0301
425	TEACHER-FOREIGN LANG	58	0.0035	0.0569	0.0567	0.0396	0.0487	0.0683	0.0536	0.0341	0.0295	0.0122
426	TEACHER-COMM ED	50	0.0081	0.0120	-0.0041	-0.0011	0.0050	0.0043	0.0076	0.0098	0.0134	-0.0091
427	TEACHER-HS HOME EC	63	0.0083	0.0197	0.0006	0.0013	0.0117	0.0227	0.0324	0.0196	0.0057	0.0008
428	TEACHER-TRADES	2	0.0038	0.0003	-0.0084	0.0042	-0.0003	-0.0001	-0.0037	-0.0060	-0.0021	0.0126
429	TEACHER-PHYS ED	44	0.0101	0.0087	0.0012	0.0141	0.0074	0.0081	0.0201	-0.0042	-0.0020	0.0183
431	TEACHER-ART	51	0.0084	0.0372	0.0436	0.0384	0.0367	0.0357	0.0290	0.0324	0.0325	0.0157
432	TEACHER-MUSIC	58	0.0120	0.0337	0.0286	0.0663	0.0312	0.0368	0.0368	0.0341	0.0295	0.0128
433	TEACHER-SPEECH	4	-0.0076	0.0144	0.0172	0.0089	0.0199	0.0221	0.0237	0.0150	0.0111	0.0156
440	TEACHER-HANDICAPPED	60	0.0108	0.0301	0.0329	0.0291	0.0263	0.0378	0.0281	0.0245	0.0231	0.0067
441	SPEECH THERAPIST	40	0.0088	0.0376	0.0420	0.0373	0.0354	0.0401	0.0309	0.0194	0.0278	-0.0028
450	SCH ADM (EXC COLL)	9	-0.0006	0.0106	0.0173	0.0167	0.0106	0.0111	0.0128	0.0186	0.0042	0.0042
460	COLL/UNIV TCHR (NEC)	90	0.0023	0.0691	0.0670	0.0664	0.0629	0.0746	0.0655	0.0547	0.0410	0.0385
461	COLL/UNIV TCHR-MATH	8	0.0030	0.0203	0.0237	0.0197	0.0232	0.0420	0.0293	0.0225	0.0141	0.0411
462	COLL/UNIV TCHR-SCI	20	0.0092	0.0470	0.0514	0.0302	0.0438	0.0623	0.0619	0.0440	0.0280	0.0509
463	COLL/UNIV TCHR-SOC SCI	25	0.0057	0.0496	0.0557	0.0411	0.0510	0.0613	0.0592	0.0481	0.0410	0.0491
464	COLL/UNIV TCHR-ENGLISH	49	0.0096	0.0638	0.0768	0.0600	0.0618	0.0775	0.0744	0.0570	0.0517	0.0708
465	COLL/UNIV TCHR-FOR LANG	21	0.0095	0.0356	0.0477	0.0378	0.0381	0.0525	0.0377	0.0397	0.0316	0.0212
470	COLL/UNIV TCHR-ADM	2	-0.0054	0.0079	0.0121	0.0063	0.0160	0.0172	0.0189	0.0170	0.0079	0.0062
511	LIBRARIAN	54	0.0110	0.0477	0.0457	0.0398	0.0549	0.0610	0.0510	0.0352	0.0179	0.0121

TABLE 4.4 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INFORMATION TEST I									
			SCREENING	VOCABULARY I	LITERATURE	MUSIC	SOCIAL STUDIES	MATHEMATICS	PHYSICAL SCIENCES	BIOL SCIENCES	SCIENT ATTIT	AERO & SPACE
			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110
521	CLERGYMAN	8	0.0030	0.0043	0.0051	0.0064	0.0100	0.0034	0.0025	-0.0018	0.0074	-0.0083
522	MONK, BROTHER, NUN	46	0.0010	0.0299	0.0399	0.0181	0.0409	0.0452	0.0342	-0.0016	0.0260	0.0146
523	RELIG WRKR (OTHER)	36	0.0032	0.0148	0.0150	-0.0000	0.0170	0.0049	0.0104	-0.0026	0.0052	0.0054
531	WRITER (NEC)	31	0.0057	0.0362	0.0342	0.0297	0.0322	0.0259	0.0393	0.0354	0.0082	0.0156
532	FICTION WRITER	3	-0.0178	0.0090	0.0086	0.0035	-0.0004	0.0152	0.0162	0.0135	0.0069	0.0180
533	NONFIC WRTR (EXC JRNLST)	5	-0.0114	0.0072	0.0046	0.0028	0.0059	0.0124	0.0111	0.0050	0.0124	0.0139
534	JRNLST/RPRTER	20	0.0063	0.0259	0.0246	0.0296	0.0224	0.0242	0.0165	0.0093	0.0270	-0.0035
536	PUBLISHER, ETC.	5	0.0060	0.0024	0.0152	0.0080	0.0122	0.0060	0.0040	0.0131	0.0145	0.0018
537	EDITOR	8	0.0030	0.0203	0.0230	0.0218	0.0119	0.0326	0.0201	0.0097	-0.0009	0.0140
539	TRNSLTR, INTRPRTR, LINGST	9	0.0038	0.0235	0.0234	0.0118	0.0224	0.0273	0.0287	0.0258	0.0151	0.0282
541	FINE ARTS	31	-0.0037	0.0181	0.0192	0.0166	0.0096	0.0174	0.0192	0.0224	0.0116	0.0172
545	COMM ARTIST	41	0.0031	0.0080	0.0123	0.0041	0.0053	0.0011	-0.0035	0.0180	0.0202	0.0141
547	DESIGNER (CONS GDS)	5	0.0002	0.0129	0.0143	0.0106	0.0082	0.0220	0.0174	0.0067	0.0061	0.0038
551	MUSICIAN	11	0.0050	0.0175	0.0126	0.0353	0.0180	0.0260	0.0184	0.0251	0.0170	0.0064
552	SINGER	5	-0.0172	-0.0053	-0.0027	0.0080	-0.0052	-0.0062	-0.0058	-0.0143	-0.0128	-0.0023
559	MUSIC-REL (MISC)	9	0.0081	0.0120	0.0197	0.0273	0.0047	0.0106	0.0115	0.0149	0.0104	0.0237
560	DANCER, CHOREOG	14	-0.0003	0.0065	0.0142	0.0181	0.0044	0.0071	0.0004	0.0005	0.0020	-0.0004
571	ACTOR	6	0.0066	0.0075	0.0262	0.0192	0.0096	0.0034	0.0058	0.0132	0.0098	-0.0021
575	THEATRE ((OTHER)	14	0.0066	0.0180	0.0317	0.0321	0.0120	0.0197	0.0191	0.0092	0.0120	0.0189
579	MISC PERF ARTS	3	0.0047	0.0028	0.0065	0.0035	0.0037	0.0003	0.0036	-0.0157	0.0015	0.0050
581	MODEL	4	-0.0011	-0.0061	0.0045	-0.0028	-0.0022	-0.0044	-0.0072	-0.0085	-0.0006	-0.0160
621	RECREATION DIR	12	0.0018	0.0205	0.0162	0.0128	0.0105	0.0135	0.0169	0.0145	0.0098	0.0087
622	CMPNG, SCTNG, PRK GD	3	-0.0103	0.0189	0.0180	0.0152	0.0129	0.0069	0.0208	0.0135	0.0015	0.0180
639	FARMING (OTHER)	6	0.0013	-0.0004	-0.0019	-0.0129	0.0024	-0.0054	-0.0047	-0.0045	-0.0017	-0.0058
711A	BANKING & FINANCE, I	30	-0.0090	-0.0174	-0.0185	-0.0160	-0.0161	-0.0181	-0.0193	-0.0140	-0.0030	-0.0047
711B	BANKING & FINANCE, II	4	-0.0011	0.0144	0.0136	0.0103	0.0155	0.0107	0.0098	0.0168	0.0158	-0.0047
712	INVSTMNT, STOCK CONSULT	2	0.0036	0.0046	0.0006	0.0001	0.0022	0.0020	-0.0008	-0.0034	-0.0087	0.0094
716	CPA	25	-0.0021	0.0070	0.0060	0.0039	0.0120	0.0068	-0.0078	0.0069	0.0034	0.0022
717	ACCTANT (EXC CPA)	50	-0.0140	-0.0105	-0.0146	-0.0089	-0.0000	-0.0042	-0.0085	-0.0101	-0.0198	-0.0135
721	PURCHASING AGENT	4	-0.0141	-0.0114	-0.0145	-0.0100	-0.0040	-0.0094	-0.0042	0.0005	-0.0170	-0.0025
722	RETAIL BUYER	24	0.0132	0.0071	0.0040	0.0122	0.0141	0.0056	0.0040	-0.0038	0.0014	-0.0024
724	ADVERTISING	32	0.0015	0.0235	0.0320	0.0225	0.0113	0.0116	0.0125	0.0111	0.0207	-0.0078
725	PUBLIC RELATIONS	16	0.0010	0.0153	0.0135	0.0148	0.0049	0.0066	0.0086	0.0047	0.0046	0.0232
726	PERSONNEL ADMIN	25	0.0083	0.0362	0.0292	0.0242	0.0280	0.0392	0.0325	0.0192	0.0194	0.0148
727	APPRAISING, ESTIMATING	13	-0.0011	-0.0029	-0.0002	0.0067	0.0110	-0.0036	-0.0127	0.0017	0.0083	-0.0041
728	LOAN/CREDIT INVESTIG	11	0.0050	-0.0007	0.0017	0.0073	-0.0028	-0.0078	-0.0020	0.0023	-0.0028	0.0024
730	BUS MGMT ADM (NEC)	19	0.0028	-0.0214	-0.0179	-0.0083	-0.0111	-0.0047	-0.0150	-0.0061	-0.0188	-0.0046
732	WHSL/RET TRADE MGMT/MKTG	12	0.0056	0.0063	-0.0001	0.0112	0.0064	0.0201	0.0112	-0.0022	0.0030	0.0165
738	SUPERVISOR IN BUS	8	0.0030	-0.0071	-0.0058	0.0023	0.0006	-0.0012	0.0075	0.0046	0.0074	-0.0035
741	SALESCLERK	34	-0.0088	-0.0472	-0.0448	-0.0509	-0.0383	-0.0414	-0.0373	-0.0471	-0.0264	-0.0300
743	STOCKBROKER	4	0.0054	0.0122	0.0117	0.0031	0.0111	0.0207	0.0078	0.0168	0.0135	0.0111
745	REAL ESTATE SLSMAN	6	-0.0040	0.0057	0.0048	0.0061	0.0038	0.0034	-0.0023	0.0058	0.0040	-0.0021
746	INSURANCE SLSMAN	5	0.0002	0.0014	-0.0011	0.0028	0.0043	-0.0056	-0.0004	-0.0014	-0.0065	0.0119
748	OTHER SLSMAN (NEC)	13	0.0097	0.0073	-0.0002	0.0051	0.0041	0.0048	-0.0044	0.0077	0.0018	-0.0041
749	SALES MGR	2	0.0038	0.0018	0.0032	0.0042	0.0009	-0.0021	0.0006	0.0042	0.0045	0.0062
751	BOOKKEEPER	131	-0.0009	-0.0378	-0.0350	-0.0320	-0.0320	-0.0435	-0.0333	-0.0177	-0.0263	-0.0187
752	TELLER OR BANK CLRK	37	0.0014	-0.0190	-0.0199	-0.0230	-0.0176	-0.0248	-0.0299	-0.0241	-0.0156	-0.0148
753	CASHIER	17	0.0048	-0.0169	-0.0248	-0.0046	-0.0215	-0.0202	-0.0179	-0.0236	-0.0033	-0.0169
755	MISC ACCT RECDG	54	-0.0126	-0.0151	-0.0095	-0.0110	-0.0139	-0.0114	-0.0140	-0.0132	-0.0066	0.0048
756	KEYPUNCH OP	83	-0.0083	-0.0389	-0.0374	-0.0354	-0.0331	-0.0530	-0.0484	-0.0360	-0.0210	-0.0134
757	KEYPUNCH INSTRUC	4	-0.0011	-0.0200	-0.0145	-0.0144	-0.0049	-0.0130	-0.0082	-0.0157	-0.0030	-0.0115
758	COMPUTER OP	65	-0.0057	-0.0259	-0.0288	-0.0326	-0.0215	-0.0255	-0.0294	-0.0244	-0.0315	0.0014
761	SECRETARY (NEC)	997	0.0051	-0.0370	-0.0439	-0.0310	-0.0312	-0.1015	-0.0849	-0.0439	-0.0235	-0.0324
762	SECRETARY-BOOKKEEPER	23	-0.0359	-0.0192	-0.0189	-0.0142	-0.0117	-0.0145	-0.0162	-0.0181	-0.0066	-0.0090
763	MED/DENT SECRETARY	47	-0.0005	-0.0034	-0.0011	0.0005	-0.0079	-0.0099	-0.0064	-0.0080	-0.0084	-0.0152
764	LEGAL SECRETARY	61	0.0094	-0.0161	-0.0111	-0.0095	-0.0037	-0.0255	-0.0223	-0.0068	0.0122	-0.0159
765	STENO, CRT RPRTR	69	-0.0026	-0.0318	-0.0341	-0.0257	-0.0396	-0.0393	-0.0357	-0.0236	-0.0177	-0.0216
766	TYPIST, CLERK TYPIST	103	-0.0085	-0.0439	-0.0406	-0.0415	-0.0403	-0.0439	-0.0374	-0.0393	-0.0478	-0.0029
768	PROOFREADER	2	-0.0146	-0.0058	-0.0032	-0.0102	0.0009	-0.0082	0.0020	-0.0162	-0.0187	-0.0097
769	CLERK (MISC)	137	-0.0230	-0.0547	-0.0606	-0.0562	-0.0458	-0.0546	-0.0558	-0.0288	-0.0329	-0.0272
771	OFFICE SUPERVISOR	14	-0.0003	-0.0056	-0.0139	-0.0168	-0.0122	-0.0213	-0.0092	-0.0120	0.0007	-0.0016
772	OFFICE MGR	5	0.0002	-0.0034	0.0022	0.0041	0.0082	-0.0062	0.0040	-0.0046	0.0061	0.0058
781	PHONE, PBX OP	45	-0.0052	-0.0343	-0.0319	-0.0281	-0.0353	-0.0328	-0.0260	-0.0220	-0.0348	-0.0142
789	OTHER "PUB CONT" OCCS	58	-0.0085	-0.0129	-0.0153	-0.0166	-0.0110	-0.0249	-0.0250	-0.0105	-0.0113	0.0004
791	RADIO, TELEGR, TTY OP	4	-0.0206	-0.0190	-0.0182	-0.0173	-0.0288	-0.0116	-0.0102	-0.0121	-0.0100	-0.0115
797	MISC CLERICAL	12	-0.0094	-0.0210	-0.0184	-0.0098	-0.0197	-0.0230	-0.0205	-0.0147	-0.0146	0.0009
798	MISC ADMINISTRATIVE	17	-0.0015	0.0196	0.0209	0.0137	0.0124	0.0118	0.0086	0.0193	0.0161	0.0160
833	METAL TRADES	2	0.0038	-0.0058	0.0019	-0.0184	-0.0066	-0.0072	-0.0135	-0.0086	-0.0021	-0.0065
861	PRINTING TRADES	6	0.0013	0.0066	-0.0063	0.0085	0.0016	-0.0072	-0.0007	0.0073	0.0098	0.0126
864	DRAFTSMAN	4	0.0054	0.0122	0.0154	0.0089	0.0120	0.0107	0.0068	0.0150	0.0111	0.0020
865	PHOTOGRAPHY	4	-0.0076	0.0079	0.0090	0.0089	-0.0004	-0.0023	0.0098	0.0041	-0.0077	0.0111
866	INTERIOR DECORATOR	21	0.0067	0.0121	0.0034	0.0067	0.0110	0.0027	0.0116	0.0168	0.0040	0.0005
867	LANDSCAPE ARCHIT	2	0.0038	0.0139	0.0019	0.0124	0.0060	0.0091	-0.0051	0.0017	0.0045	-0.0097
868	CLTHNG & FASH TRADES	50	-0.0177	-0.0397	-0.0375	-0.0414	-0.0291	-0.0231	-0.0240	-0.0091	-0.0238	-0.0161
871	DIETITIAN	22	0.0016	0.0179	0.0187	0.0127	0.0149	0.0304	0.0376	0.0232	0.0041	0.0168
872	HOME ECONOMIST	30	0.0029	0.0262	0.0103	0.0068	0.0199	0.0259	0.0255	0.0229	0.0185	0.0019
873	AIRLN STEWRD, STEWRDESS	13	0.0061	-0.0005	-0.0037	0.0059	-0.0003	-0.0107	-0.0088	-0.0063	0.0070	0.0009
881	FOOD & BEVERAGE PREP	5	-0.0289	-0.0313	-0.0197	-0.0154	-0.0219	-0.0184	-0.0120	-0.0143	-0.0316	-0.0083
891	MISC PERSONAL SERV	28	-0.0005	-0.0254	-0.0169	-0.0249	-0.0165	-0.0293	-0.0262	-0.0150	-0.0238	-0.0142
893	HAIRDRESSER	196	-0.0106	-0.0894	-0.0848	-0.0687	-0.0803	-0.0844	-0.0720	-0.0515	-0.0556	-0.0537
894	PRACTICAL NURSE	118	-0.0331	-0.0438	-0.0457	-0.0660	-0.0437	-0.0426	-0.0213	-0.0166	-0.0422	-0.0145
895	NURSES' AIDE	23	-0.0088	-0.0067	-0.0064	-0.0081	-0.0025	-0.0046	0.0034	0.0037	-0.0125	0.0155
896	DOMESTIC SERVICE	4	-0.0011	-0.0071	-0.0091	-0.0028	-0.0075	-0.0094	-0.0022	0.0060	-0.0077	0.0020
899	GENERAL LABORER	76	-0.0258	-0.0796	-0.0604	-0.0698	-0.0570	-0.0538	-0.0494	-0.0491	-0.0561	-0.0320

TABLE 4.4 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INFORMATION TEST I (CONTD.)					INFORMATION TEST II				
			ELECTRICITY, ELECTRONICS	MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE
			R-111	R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135
000	NO ANSWER	1639	-0.0735	-0.0633	-0.0717	-0.0741	-0.0834	-0.1001	-0.0901	-0.0932	-0.0719	-0.0535
001	DON'T KNOW	262	-0.0084	-0.0229	-0.0153	-0.0182	-0.0120	-0.0041	-0.0009	-0.0132	-0.0143	0.0000
010	HOUSEWIFE	4695	-0.1026	-0.0501	-0.0674	-0.0301	-0.1065	-0.0945	-0.1059	-0.0839	-0.0362	-0.0814
020	NO SPEC INCOME JOB	14	0.0021	-0.0052	-0.0103	-0.0040	-0.0139	-0.0190	-0.0089	-0.0123	-0.0097	-0.0150
101	EXECUTIVE (NEC)	2	-0.0081	-0.0071	0.0026	-0.0144	-0.0069	-0.0041	-0.0148	-0.0134	-0.0145	-0.0044
102	FOREMAN (NEC)	3	0.0044	0.0130	0.0042	-0.0086	0.0010	0.0074	0.0010	-0.0017	-0.0003	-0.0072
111	WORK FOR GOVT (NEC)	30	0.0103	-0.0030	0.0056	-0.0092	0.0084	-0.0003	0.0031	-0.0258	-0.0096	-0.0023
112	IN BUS FOR SELF (NEC)	18	0.0159	0.0040	0.0053	0.0090	-0.0023	0.0048	0.0102	0.0030	0.0008	0.0235
120	IND, BUS, COMM	35	-0.0046	-0.0193	-0.0202	-0.0237	-0.0189	-0.0210	-0.0220	-0.0259	-0.0124	-0.0200
121	RETAIL (NEC)	7	-0.0100	-0.0123	0.0069	0.0075	0.0117	0.0080	0.0116	0.0018	0.0020	0.0235
122	TRANSPORTATION (NEC)	5	0.0007	0.0128	0.0017	-0.0100	0.0051	-0.0014	-0.0023	0.0016	-0.0034	-0.0084
123	REAL ESTATE (NEC)	2	-0.0062	-0.0052	-0.0100	-0.0107	-0.0023	-0.0018	-0.0081	0.0046	-0.0097	0.0000
124	INSURANCE (NEC)	13	-0.0023	-0.0017	-0.0028	-0.0093	-0.0022	0.0019	0.0003	-0.0101	0.0105	0.0086
125	ELECTRONICS (NEC)	3	0.0028	-0.0165	-0.0144	-0.0131	-0.0122	0.0016	-0.0072	-0.0017	-0.0119	0.0036
140	"WRK WTH PEOPLE" (NEC)	4	-0.0055	-0.0028	0.0116	-0.0039	0.0012	0.0129	0.0122	0.0092	-0.0029	-0.0022
141	"WRK WITH CHILDR" (NEC)	14	-0.0097	-0.0167	-0.0170	-0.0158	-0.0217	-0.0252	-0.0165	-0.0123	-0.0132	-0.0233
150	RESEARCH	6	0.0343	0.0173	0.0089	0.0091	0.0120	0.0132	0.0072	0.0059	0.0078	0.0127
211	MATH, STAT	8	0.0247	0.0248	0.0090	0.0081	0.0149	0.0235	0.0105	0.0109	0.0137	0.0088
212	OTHER STATISTICS	5	0.0254	0.0116	0.0065	0.0087	-0.0051	0.0091	0.0168	0.0016	0.0056	0.0084
221	SYSTEMS ANALYST	8	0.0334	0.0153	0.0141	0.0081	0.0058	0.0164	0.0072	0.0199	0.0208	0.0044
222	COMPUTER PROGRAMMER	45	0.0248	0.0224	0.0058	0.0059	0.0270	0.0123	0.0215	0.0206	0.0168	0.0047
229	COMPUTER SPEC (NEC)	7	0.0171	0.0223	0.0069	0.0154	0.0117	0.0130	0.0152	0.0057	0.0096	0.0118
231	CHEMIST	25	0.0578	0.0378	0.0239	0.0273	0.0426	0.0223	0.0395	0.0258	0.0232	0.0299
234	GEOLOGIST	2	0.0075	0.0138	0.0026	0.0188	0.0069	0.0147	0.0086	0.0046	0.0045	0.0044
241	CIVIL ENGINEER	2	0.0153	0.0119	0.0153	0.0114	0.0092	0.0100	0.0053	0.0082	-0.0003	0.0044
245	CHEM ENGINEER	2	0.0367	0.0138	0.0153	0.0077	0.0115	0.0147	0.0153	0.0117	0.0092	0.0132
299	PHYS SCI, LAB TECH	23	0.0299	0.0202	0.0048	0.0120	0.0139	0.0140	0.0149	0.0213	0.0047	0.0156
310	BIOLOGIST, ZOOLOGIST	14	0.0382	0.0294	0.0251	0.0086	0.0217	0.0308	0.0291	0.0202	0.0244	0.0216
314	WLDLF/FOREST SPEC	2	0.0269	0.0233	0.0127	0.0022	0.0138	0.0170	0.0220	0.0117	0.0187	0.0264
315	PHARMACOLOGIST	2	0.0211	0.0119	0.0077	-0.0033	0.0069	0.0006	0.0220	0.0082	0.0092	0.0000
316	MICROBIOLOGIST	15	0.0375	0.0243	0.0169	0.0056	0.0122	0.0234	0.0157	0.0158	0.0131	0.0129
317	BIOCHEMIST	7	0.0327	0.0091	0.0123	0.0056	0.0055	0.0231	0.0278	0.0268	0.0122	0.0188
319	OTHER CHEM SCI	8	0.0305	0.0133	0.0052	0.0025	0.0104	0.0246	0.0122	0.0181	0.0042	0.0286
329	MD-OTHER	19	0.0376	0.0256	0.0249	0.0124	0.0228	0.0334	0.0152	0.0252	0.0192	0.0243
333	VETERINARIAN	4	0.0229	0.0289	0.0216	0.0161	0.0098	0.0124	0.0146	0.0065	0.0130	0.0062
335	PHARMACIST	16	0.0315	0.0209	0.0262	0.0192	0.0147	0.0107	0.0078	0.0180	0.0143	0.0047
337	RN	703	0.0884	0.0725	0.0739	0.0697	0.0618	0.0445	0.0551	0.0815	0.0607	0.0626
341	DENTAL HYGIENIST	28	0.0014	0.0023	-0.0010	0.0023	0.0197	0.0191	0.0135	0.0162	0.0053	0.0059
343	PHYS THERAPIST	16	0.0204	0.0095	0.0056	0.0068	0.0309	0.0024	0.0054	0.0129	0.0127	0.0125
344	OCCUP THERAPIST	13	0.0145	0.0177	0.0111	0.0146	0.0176	0.0250	0.0148	0.0110	0.0105	0.0190
346	SPEC THERAPIST (MISC)	19	-0.0023	-0.0084	0.0019	-0.0079	-0.0056	0.0074	-0.0022	0.0124	0.0115	0.0000
347	MED/DENT TECHNOL	101	0.0582	0.0443	0.0431	0.0292	0.0356	0.0271	0.0404	0.0405	0.0389	0.0249
348	MED/DENT TECHNICIAN	134	0.0086	0.0059	-0.0167	0.0005	-0.0092	0.0031	-0.0023	0.0147	-0.0068	0.0097
360	PSYCHOLOGIST	37	0.0281	0.0074	-0.0008	-0.0114	0.0110	0.0459	0.0165	0.0276	0.0143	0.0318
369	PSYCH RES ASST	2	0.0036	0.0062	0.0102	0.0114	0.0046	0.0147	0.0086	0.0117	-0.0003	0.0044
370	SOCIAL WORKER	190	0.0103	-0.0019	0.0032	0.0083	0.0343	0.0373	0.0399	0.0241	0.0048	0.0364
371	PSYCHIATRIC SOC WRKR	18	0.0075	0.0021	-0.0065	-0.0027	0.0085	0.0276	0.0169	0.0125	0.0008	0.0103
372	COUNSELING/GUIDANCE	16	0.0142	0.0101	0.0146	0.0133	0.0228	0.0199	0.0232	0.0091	0.0093	0.0140
373	VOC/ED GUIDANCE	32	0.0240	0.0286	0.0143	0.0046	0.0328	0.0323	0.0337	0.0183	0.0215	0.0220
382	ECONOMIST	4	0.0119	0.0101	0.0055	0.0044	0.0260	0.0141	0.0098	0.0065	-0.0004	0.0125
383	SOCIOLOGIST	2	0.0016	-0.0071	-0.0024	-0.0089	0.0000	0.0123	0.0220	0.0082	0.0045	0.0000
384	ANTHROPOLOGIST	5	0.0303	0.0200	0.0145	0.0099	0.0124	0.0155	0.0105	0.0106	0.0206	0.0195
389	SOCIAL SCI (MISC)	7	0.0129	0.0080	0.0029	-0.0073	0.0289	0.0319	0.0296	0.0114	-0.0056	0.0024
391	POLITICIAN	2	0.0075	0.0081	0.0026	0.0059	0.0115	0.0123	0.0120	0.0046	-0.0003	0.0000
392	DIPLOMAT	8	0.0227	0.0200	0.0166	0.0025	0.0230	0.0188	0.0223	0.0199	0.0113	0.0110
393	LAWYER	13	-0.0123	-0.0085	-0.0018	0.0001	0.0149	0.0157	0.0148	0.0138	-0.0044	0.0173
397	PUBLIC ADM (NEC)	2	-0.0042	-0.0033	0.0102	-0.0052	0.0138	0.0147	0.0120	0.0046	-0.0003	0.0220
400	TEACHER (NEC)	1194	0.0559	0.0349	0.0523	0.0260	0.0998	0.0891	0.0861	0.0757	0.0459	0.0664
410	TCHNG YNG CHILDR	7	-0.0016	-0.0042	-0.0012	-0.0023	0.0105	0.0168	0.0027	0.0114	-0.0030	0.0071
411	TCHNG PRESCH CHILDR	37	0.0095	0.0017	0.0027	-0.0041	0.0073	0.0065	0.0071	0.0084	0.0077	0.0041
412	TEACHER-ELEM	752	0.0330	0.0177	0.0223	0.0427	0.0489	0.0514	0.0386	0.0478	0.0336	0.0275
420	TEACHER-HS (NEC)	89	0.0172	0.0170	0.0401	0.0070	0.0424	0.0184	0.0438	0.0260	0.0217	0.0232
421	TEACHER-HS MATH	62	0.0585	0.0329	0.0242	0.0351	0.0327	0.0162	0.0324	0.0249	0.0377	0.0143
422	TEACHER-HS SCI	41	0.0450	0.0313	0.0233	0.0203	0.0216	0.0236	0.0268	0.0211	0.0208	0.0136
423	TEACHER-HS SOC ST	68	0.0072	0.0078	0.0288	-0.0044	0.0407	0.0380	0.0406	0.0311	-0.0007	0.0295
424	TEACHER-ENGLISH	150	0.0227	0.0303	0.0304	0.0273	0.0534	0.0510	0.0587	0.0365	0.0252	0.0327
425	TEACHER-FOREIGN LANG	58	0.0182	0.0058	0.0184	0.0224	0.0129	0.0463	0.0378	0.0207	0.0056	0.0311
426	TEACHER-COMM ED	50	0.0035	0.0028	0.0253	0.0095	0.0042	-0.0052	0.0183	-0.0037	0.0120	-0.0035
427	TEACHER-HS HOME EC	63	0.0218	0.0275	0.0321	0.0513	-0.0063	-0.0055	0.0063	0.0132	0.0324	-0.0008
428	TEACHER-TRADES	2	0.0036	0.0043	0.0153	0.0059	0.0115	-0.0041	-0.0014	-0.0026	-0.0003	0.0000
429	TEACHER-PHYS ED	44	0.0022	0.0153	0.0193	-0.0082	0.0442	0.0107	0.0112	-0.0023	0.0048	-0.0047
431	TEACHER-ART	51	0.0069	0.0115	0.0240	0.0046	0.0058	0.0577	0.0167	0.0185	0.0278	0.0227
432	TEACHER-MUSIC	58	0.0265	0.0108	0.0231	0.0121	0.0180	0.0166	0.0297	0.0227	0.0100	0.0270
433	TEACHER-SPEECH	4	0.0188	0.0236	0.0144	-0.0073	0.0049	0.0108	0.0217	0.0039	0.0030	0.0062
440	TEACHER-HANDICAPPED	60	0.0132	0.0107	0.0162	0.0197	0.0248	0.0340	0.0105	0.0166	0.0228	0.0081
441	SPEECH THERAPIST	40	0.0095	-0.0055	0.0015	0.0069	0.0232	0.0257	0.0138	0.0060	0.0052	0.0227
450	SCH ADM (EXC COLL)	9	0.0002	-0.0106	0.0061	0.0025	0.0103	0.0084	0.0049	0.0072	-0.0095	-0.0042
460	COLL/UNIV TCHR (NEC)	90	0.0505	0.0366	0.0218	0.0230	0.0529	0.0509	0.0575	0.0313	0.0244	0.0481
461	COLL/UNIV TCHR-MATH	8	0.0305	0.0191	0.0192	0.0182	0.0218	0.0211	0.0290	0.0181	0.0137	0.0154
462	COLL/UNIV TCHR-SCI	20	0.0427	0.0329	0.0275	0.0180	0.0298	0.0330	0.0379	0.0247	0.0157	0.0404
463	COLL/UNIV TCHR-SOC SCI	25	0.0496	0.0292	0.0225	0.0226	0.0446	0.0423	0.0471	0.0279	0.0205	0.0299
464	COLL/UNIV TCHR-ENGLISH	49	0.0575	0.0355	0.0281	0.0159	0.0398	0.0677	0.0634	0.0383	0.0179	0.0508
465	COLL/UNIV TCHR-FOR LANG	21	0.0206	0.0180	0.0167	0.0096	0.0117	0.0378	0.0295	0.0220	0.0138	0.0326
470	COLL/UNIV TCHR-ADM	2	0.0133	0.0024	0.0127	0.0132	0.0069	-0.0018	0.0153	0.0117	0.0092	0.0000
511	LIBRARIAN	54	0.0287	0.0249	0.0336	0.0035	0.0302	0.0392	0.0326	0.0363	0.0142	0.0212

TABLE 4.4 (continued)

			POINT BISERIAL CORRELATIONS									
			INFORMATION TEST I (CONTD.)					INFORMATION TEST II				
#	GROUP	N	ELECTRICITY, ELECTRONICS	MECHANICS	FARMING	HOME ECON	SPORTS	ART	LAW	HEALTH	ENGINEERING	ARCHITECTURE
			R-111	R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135
521	CLERGYMAN	8	-0.0016	0.0076	0.0014	-0.0002	-0.0023	-0.0001	0.0139	-0.0106	0.0018	-0.0132
522	MONK, BROTHER, NUN	46	0.0220	0.0115	0.0163	0.0128	0.0231	0.0228	0.0344	0.0047	0.0066	0.0239
523	RELIG WRKR (OTHER)	36	-0.0087	0.0025	0.0057	0.0128	-0.0108	-0.0043	0.0018	0.0017	0.0078	-0.0073
531	WRITER (NEC)	31	0.0165	0.0203	0.0177	0.0074	0.0138	0.0354	0.0327	0.0230	0.0231	0.0190
532	FICTION WRITER	3	0.0171	0.0053	0.0042	0.0079	0.0066	0.0112	0.0174	0.0100	-0.0003	0.0000
533	NONFIC WRTR (EXC JRNLST)	5	0.0007	-0.0089	0.0065	0.0064	0.0182	0.0106	0.0147	0.0129	0.0026	0.0056
534	JRNLST/RPRTER	20	0.0076	0.0094	0.0011	0.0028	0.0226	0.0189	0.0220	0.0179	0.0052	0.0181
536	PUBLISHER, ETC.	5	-0.0042	-0.0004	-0.0047	0.0005	-0.0051	0.0120	-0.0044	0.0016	0.0026	0.0084
537	EDITOR	8	0.0188	0.0029	0.0078	-0.0058	0.0184	0.0152	0.0189	0.0127	-0.0029	0.0176
539	TRNSLTR, INTRPRTR, LINGST	9	0.0085	0.0172	0.0085	0.0181	0.0136	0.0150	0.0175	0.0122	0.0084	0.0228
541	FINE ARTS	31	0.0027	0.0145	0.0087	0.0037	0.0103	0.0306	0.0080	0.0057	-0.0010	0.0168
545	COMM ARTIST	41	0.0046	-0.0041	-0.0024	-0.0034	-0.0007	0.0324	-0.0028	0.0116	-0.0001	0.0185
547	DESIGNER (CONS GDS)	5	0.0241	0.0020	0.0017	0.0040	-0.0094	0.0165	0.0041	0.0084	0.0146	0.0084
551	MUSICIAN	11	0.0092	0.0052	0.0132	-0.0102	0.0054	0.0199	-0.0005	0.0130	-0.0006	0.0150
552	SINGER	5	0.0032	-0.0028	-0.0079	-0.0158	-0.0007	-0.0028	0.0020	-0.0030	-0.0004	0.0000
559	MUSIC-REL (MISC)	9	0.0131	0.0118	0.0061	0.0068	0.0060	0.0206	0.0033	0.0072	0.0017	0.0249
560	DANCER, CHOREOG	14	0.0036	-0.0009	-0.0074	-0.0117	0.0104	0.0157	-0.0013	-0.0001	-0.0061	0.0083
571	ACTOR	6	-0.0051	-0.0068	0.0177	-0.0026	0.0000	0.0200	0.0111	0.0038	-0.0032	0.0025
575	THEATRE ((OTHER)	14	0.0161	-0.0023	0.0127	-0.0096	0.0096	0.0273	0.0152	0.0121	-0.0043	0.0183
579	MISC PERF ARTS	3	0.0107	0.0161	0.0042	-0.0086	0.0066	0.0074	0.0037	0.0012	0.0035	0.0000
581	MODEL	4	-0.0115	-0.0074	0.0019	-0.0008	-0.0016	0.0091	0.0075	0.0039	0.0030	-0.0093
621	RECREATION DIR	12	0.0111	0.0028	0.0033	0.0053	0.0235	0.0071	0.0170	0.0127	-0.0006	0.0072
622	CMPNG, SCTNG, PRK GD	3	0.0187	0.0223	0.0104	0.0125	0.0122	0.0170	0.0092	-0.0017	0.0151	0.0108
639	FARMING (OTHER)	6	0.0062	0.0107	0.0133	-0.0047	-0.0040	-0.0113	-0.0025	-0.0086	0.0023	-0.0102
711A	BANKING & FINANCE, I	30	-0.0023	-0.0025	-0.0101	0.0008	-0.0112	-0.0076	-0.0151	-0.0138	-0.0133	-0.0102
711B	BANKING & FINANCE, II	4	0.0174	-0.0074	0.0055	0.0122	0.0033	0.0141	0.0146	0.0065	0.0063	0.0062
712	INVSTMNT, STOCK CONSULT	2	0.0133	0.0176	0.0051	0.0003	0.0092	0.0053	0.0019	0.0010	-0.0003	0.0044
716	CPA	25	0.0016	0.0082	-0.0140	-0.0129	0.0082	0.0056	0.0063	0.0025	-0.0009	0.0050
717	ACCTANT (EXC CPA)	50	-0.0008	0.0017	-0.0041	-0.0131	-0.0091	-0.0085	-0.0025	-0.0030	-0.0099	-0.0106
721	PURCHASING AGENT	4	-0.0005	0.0007	0.0001	-0.0034	-0.0049	-0.0192	-0.0068	-0.0062	-0.0071	-0.0093
722	RETAIL BUYER	24	-0.0028	-0.0033	0.0061	0.0054	-0.0033	0.0060	0.0038	0.0065	0.0087	0.0191
724	ADVERTISING	32	-0.0003	0.0062	0.0105	0.0110	0.0075	0.0246	0.0027	0.0093	0.0120	0.0309
725	PUBLIC RELATIONS	16	0.0156	-0.0121	-0.0015	-0.0016	0.0236	0.0166	0.0066	0.0206	0.0194	0.0109
726	PERSONNEL ADMIN	25	0.0170	0.0222	0.0146	0.0169	0.0277	0.0196	0.0272	0.0136	0.0085	0.0199
727	APPRAISING, ESTIMATING	13	-0.0085	-0.0055	0.0022	-0.0035	0.0050	0.0047	0.0082	0.0025	-0.0155	0.0000
728	LOAN/CREDIT INVESTIG	11	0.0051	0.0133	0.0024	-0.0047	-0.0132	0.0068	-0.0048	0.0100	0.0034	0.0019
730	BUS MGMT ADM (NEC)	19	-0.0029	-0.0059	-0.0104	-0.0025	-0.0190	-0.0055	-0.0185	-0.0133	-0.0054	-0.0114
732	WHSL/RET TRADE MGMT/MKTG	12	0.0167	0.0074	0.0002	0.0114	0.0235	0.0187	0.0170	-0.0049	0.0090	0.0108
738	SUPERVISOR IN BUS	8	0.0013	0.0019	-0.0024	0.0016	-0.0046	0.0023	0.0005	-0.0034	0.0066	0.0022
741	SALESCLERK	34	-0.0122	-0.0322	-0.0254	-0.0165	-0.0323	-0.0463	-0.0205	-0.0369	-0.0333	-0.0331
743	STOCKBROKER	4	0.0133	0.0020	-0.0017	-0.0086	0.0049	0.0158	0.0027	0.0115	-0.0071	0.0093
745	REAL ESTATE SLSMAN	6	-0.0028	0.0041	-0.0013	0.0112	-0.0053	0.0050	0.0072	0.0017	0.0050	0.0076
746	INSURANCE SLSMAN	5	-0.0079	0.0044	0.0017	0.0134	-0.0051	0.0061	-0.0001	0.0038	0.0056	-0.0056
748	OTHER SLSMAN (NEC)	13	-0.0016	0.0020	0.0042	0.0095	-0.0013	0.0111	0.0016	0.0053	0.0030	-0.0069
749	SALES MGR	2	0.0055	0.0138	-0.0050	-0.0052	-0.0092	0.0006	0.0086	0.0046	0.0045	0.0044
751	BOOKKEEPER	131	-0.0195	0.0002	-0.0031	-0.0027	-0.0055	-0.0242	-0.0075	-0.0151	-0.0133	-0.0328
752	TELLER OR BANK CLRK	37	-0.0136	-0.0183	-0.0202	-0.0251	-0.0088	-0.0116	-0.0202	-0.0074	-0.0066	-0.0164
753	CASHIER	17	-0.0183	-0.0058	-0.0041	-0.0136	-0.0114	-0.0149	0.0039	-0.0094	-0.0138	-0.0106
755	MISC ACCT RECDG	64	-0.0067	0.0041	0.0041	0.0065	-0.0064	-0.0039	-0.0063	0.0018	-0.0116	-0.0101
756	KEYPUNCH OP	83	-0.0421	-0.0336	-0.0349	-0.0170	-0.0187	-0.0222	-0.0296	-0.0210	-0.0209	-0.0206
757	KEYPUNCH INSTRUC	4	-0.0087	-0.0007	-0.0196	-0.0100	0.0000	-0.0125	-0.0115	-0.0164	-0.0071	0.0031
758	COMPUTER OP	65	-0.0018	-0.0149	-0.0209	-0.0159	-0.0163	-0.0119	-0.0129	-0.0171	-0.0140	-0.0163
761	SECRETARY (NEC)	997	-0.0471	-0.0396	-0.0138	-0.0196	-0.0183	-0.0355	-0.0238	-0.0104	-0.0191	-0.0453
762	SECRETARY-BOOKKEEPER	23	-0.0017	0.0028	-0.0124	-0.0043	-0.0105	-0.0151	-0.0029	-0.0210	-0.0051	-0.0117
763	MED/DENT SECRETARY	47	-0.0168	-0.0071	-0.0100	0.0016	-0.0016	0.0010	-0.0187	0.0041	-0.0111	0.0064
764	LEGAL SECRETARY	61	-0.0103	-0.0132	-0.0110	0.0032	-0.0118	0.0084	-0.0134	0.0055	-0.0178	0.0016
765	STENO, CRT RPRTR	69	-0.0228	-0.0192	-0.0146	-0.0181	-0.0291	-0.0226	-0.0187	-0.0101	-0.0080	-0.0286
766	TYPIST, CLERK TYPIST	103	-0.0249	-0.0217	-0.0291	-0.0285	-0.0325	-0.0300	-0.0258	-0.0260	-0.0145	-0.0289
768	PROOFREADER	2	-0.0159	0.0024	0.0001	-0.0052	-0.0092	-0.0041	-0.0081	-0.0062	0.0045	0.0000
769	CLERK (MISC)	137	-0.0282	-0.0299	-0.0113	-0.0234	-0.0413	-0.0478	-0.0371	-0.0305	-0.0229	-0.0257
771	OFFICE SUPERVISOR	14	-0.0031	-0.0030	0.0079	-0.0137	-0.0104	-0.0119	-0.0038	-0.0123	-0.0150	0.0000
772	OFFICE MGR	5	0.0130	-0.0004	0.0033	0.0122	0.0036	0.0031	0.0020	0.0106	-0.0064	-0.0084
781	PHONE, PBX OP	45	-0.0192	-0.0206	-0.0327	-0.0214	-0.0230	-0.0269	-0.0337	-0.0165	-0.0233	-0.0186
789	OTHER "PUB CONT" OCCS	58	-0.0050	-0.0048	-0.0108	-0.0054	-0.0115	-0.0062	-0.0021	-0.0107	-0.0014	0.0049
791	RADIO, TELEGR, TTY OP	4	-0.0101	-0.0007	-0.0124	0.0018	-0.0065	-0.0092	-0.0233	-0.0138	-0.0004	-0.0093
797	MISC CLERICAL	12	-0.0040	-0.0136	-0.0153	-0.0225	-0.0056	-0.0159	-0.0158	-0.0298	-0.0258	-0.0162
798	MISC ADMINISTRATIVE	17	0.0151	-0.0025	-0.0119	0.0029	0.0178	0.0222	0.0096	0.0140	-0.0056	0.0030
833	METAL TRADES	2	0.0016	0.0081	0.0102	0.0096	-0.0115	-0.0041	0.0053	-0.0026	-0.0003	-0.0088
861	PRINTING TRADES	6	0.0006	0.0129	-0.0013	0.0080	0.0080	-0.0072	-0.0083	-0.0045	0.0050	-0.0051
864	DRAFTSMAN	4	0.0106	0.0115	0.0126	0.0031	-0.0032	0.0191	0.0051	-0.0037	0.0030	0.0125
865	PHOTOGRAPHY	4	-0.0005	0.0101	0.0055	0.0070	0.0146	0.0108	0.0003	-0.0011	-0.0004	-0.0093
866	INTERIOR DECORATOR	21	0.0038	0.0127	0.0034	-0.0040	0.0039	0.0116	0.0098	0.0132	0.0123	0.0068
867	LANDSCAPE ARCHIT	2	-0.0042	0.0081	0.0001	0.0114	0.0069	0.0006	0.0053	-0.0026	-0.0003	0.0132
868	CLTHNG & FASH TRADES	50	-0.0246	-0.0143	-0.0031	-0.0131	-0.0441	-0.0311	-0.0213	-0.0310	-0.0193	-0.0194
871	DIETITIAN	22	0.0201	0.0137	0.0094	0.0250	0.0077	0.0040	0.0003	0.0087	0.0020	0.0252
872	HOME ECONOMIST	30	0.0184	0.0334	0.0291	0.0361	0.0119	0.0070	0.0118	0.0233	0.0063	0.0125
873	AIRLN STEWRD, STEWRDESS	13	0.0053	-0.0017	0.0062	0.0001	-0.0067	-0.0037	-0.0023	-0.0003	0.0161	-0.0017
881	FOOD & BEVERAGE PREP	5	-0.0017	-0.0113	-0.0047	-0.0053	-0.0094	-0.0237	-0.0171	-0.0257	-0.0094	-0.0028
891	MISC PERSONAL SERV	26	-0.0189	-0.0129	-0.0139	-0.0160	-0.0147	-0.0155	-0.0197	-0.0069	-0.0200	-0.0094
893	HAIRDRESSER	196	-0.0402	-0.0158	-0.0205	-0.0054	-0.0454	-0.0710	-0.0691	-0.0533	-0.0214	-0.0519
894	PRACTICAL NURSE	118	-0.0096	-0.0164	-0.0119	-0.0039	-0.0293	-0.0391	-0.0277	-0.0243	-0.0070	-0.0086
895	NURSES' AIDE	23	-0.0028	-0.0006	0.0130	-0.0027	-0.0105	-0.0061	0.0090	-0.0009	-0.0051	-0.0104
896	DOMESTIC SERVICE	4	-0.0046	-0.0020	-0.0017	0.0018	-0.0097	-0.0125	-0.0044	0.0014	-0.0104	-0.0187
899	GENERAL LABORER	76	-0.0204	-0.0254	-0.0316	-0.0276	-0.0324	-0.0605	-0.0388	-0.0581	-0.0432	-0.0487

TABLE 4.4 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS INFORMATION TEST II (CONTD.) JOURNALISM R-136	FOREIGN TRAVEL R-137	MILITARY R-138	ACCTG, BUS, SALES R-139	PRACT KNOWL R-140	CLERICAL R-141	BIBLE R-142	COLORS R-143	ETIQUETTE R-144	HUNTING R-145
000	NO ANSWER	1639	-0.0937	-0.0947	-0.0634	-0.0946	-0.0872	-0.0604	-0.0765	-0.0832	-0.0733	-0.0000
001	DON'T KNOW	262	-0.0063	0.0065	-0.0119	-0.0108	-0.0257	-0.0107	-0.0181	-0.0222	-0.0207	0.0053
010	HOUSEWIFE	4695	-0.0878	-0.1102	-0.0738	-0.0600	-0.0185	0.0093	-0.1197	-0.0648	-0.0342	0.0028
020	NO SPEC INCOME JOB	14	-0.0089	-0.0122	-0.0089	-0.0143	-0.0121	-0.0073	-0.0057	-0.0071	-0.0052	0.0137
101	EXECUTIVE (NEC)	2	-0.0024	0.0016	-0.0080	-0.0080	-0.0069	-0.0125	-0.0115	0.0000	-0.0140	-0.0143
102	FOREMAN (NEC)	3	-0.0085	0.0020	-0.0041	-0.0110	-0.0018	-0.0074	0.0061	-0.0103	-0.0137	0.0128
111	WORK FOR GOVT (NEC)	30	-0.0006	-0.0040	-0.0013	-0.0075	-0.0099	-0.0083	0.0102	-0.0147	-0.0064	-0.0074
112	IN BUS FOR SELF (NEC)	18	0.0040	0.0033	0.0082	0.0124	0.0066	0.0078	0.0003	0.0000	0.0029	0.0253
120	IND, BUS, COMM	35	-0.0278	-0.0298	-0.0164	-0.0085	-0.0153	-0.0174	-0.0122	-0.0318	-0.0274	0.0039
121	RETAIL (NEC)	7	0.0171	0.0007	0.0108	0.0053	0.0046	-0.0078	0.0021	0.0102	-0.0015	0.0064
122	TRANSPORTATION (NEC)	5	0.0005	-0.0057	-0.0024	-0.0059	0.0098	0.0109	-0.0025	-0.0120	0.0018	0.0009
123	REAL ESTATE (NEC)	2	-0.0091	0.0016	0.0012	-0.0080	0.0013	0.0069	0.0009	-0.0063	0.0113	0.0043
124	INSURANCE (NEC)	13	0.0071	-0.0011	0.0004	0.0064	-0.0112	-0.0090	-0.0023	0.0050	0.0056	0.0170
125	ELECTRONICS (NEC)	3	-0.0029	-0.0123	-0.0004	-0.0011	-0.0018	-0.0074	-0.0097	0.0052	-0.0206	0.0078
140	"WRK WTH PEOPLE" (NEC)	8	0.0053	0.0075	-0.0113	0.0022	-0.0057	-0.0056	0.0026	-0.0031	-0.0028	-0.0038
141	"WRK WITH CHILDR" (NEC)	14	-0.0242	-0.0188	-0.0089	-0.0143	-0.0184	-0.0330	-0.0037	-0.0239	0.0011	-0.0168
150	RESEARCH	6	0.0036	0.0204	0.0074	0.0089	0.0022	-0.0048	0.0046	0.0073	0.0000	-0.0033
211	MATH, STAT	8	0.0087	0.0162	0.0070	0.0098	0.0067	0.0138	0.0141	0.0127	0.0015	-0.0069
212	OTHER STATISTICS	5	0.0133	0.0080	0.0092	0.0017	0.0150	0.0048	0.0198	0.0040	-0.0088	-0.0148
221	SYSTEMS ANALYST	8	0.0154	0.0119	0.0116	0.0159	0.0067	0.0041	0.0053	0.0064	0.0015	-0.0100
222	COMPUTER PROGRAMMER	45	0.0199	0.0241	0.0236	0.0142	0.0296	0.0042	0.0129	0.0201	0.0215	-0.0077
229	COMPUTER SPEC (NEC)	7	0.0099	0.0076	0.0255	0.0183	0.0090	0.0077	0.0191	-0.0034	0.0076	0.0064
231	CHEMIST	25	0.0163	0.0414	0.0322	0.0202	0.0127	0.0052	0.0388	0.0252	0.0208	-0.0103
234	GEOLOGIST	2	0.0111	0.0190	0.0150	0.0102	0.0095	-0.0028	0.0026	0.0064	0.0113	0.0043
241	CIVIL ENGINEER	2	0.0111	0.0147	0.0150	0.0041	0.0095	0.0069	0.0026	0.0000	0.0028	0.0043
245	CHEM ENGINEER	2	0.0111	0.0190	0.0058	0.0102	0.0095	-0.0028	0.0150	0.0127	0.0028	0.0043
299	PHYS SCI, LAB TECH	23	0.0117	0.0093	0.0088	0.0136	0.0080	-0.0023	0.0199	0.0038	0.0059	0.0027
310	BIOLOGIST, ZOOLOGIST	14	0.0166	0.0240	0.0171	0.0132	0.0190	-0.0037	0.0250	-0.0192	0.0075	0.0020
314	WLDLF/FOREST SPEC	2	0.0111	0.0147	0.0104	0.0072	0.0095	0.0069	0.0114	0.0064	0.0113	0.0105
315	PHARMACOLOGIST	2	0.0111	0.0059	0.0012	-0.0019	0.0095	-0.0028	0.0150	0.0064	0.0028	-0.0019
316	MICROBIOLOGIST	15	0.0131	0.0155	0.0092	0.0130	0.0171	0.0012	0.0298	0.0000	0.0032	0.0038
317	BIOCHEMIST	7	0.0099	0.0193	-0.0014	0.0167	0.0134	-0.0078	0.0200	0.0136	0.0121	-0.0069
319	OTHER CHEM SCI	8	0.0188	0.0250	0.0231	0.0143	0.0190	-0.0007	0.0291	0.0064	0.0141	0.0055
329	MD-OTHER	19	0.0167	0.0332	0.0268	0.0339	-0.0054	0.0024	0.0282	0.0186	0.0156	0.0082
333	VETERINARIAN	4	0.0109	0.0084	0.0147	-0.0006	0.0018	-0.0176	0.0100	0.0090	-0.0079	0.0017
335	PHARMACIST	16	0.0075	0.0168	0.0018	0.0149	0.0182	0.0093	0.0230	0.0068	0.0080	0.0209
337	RN	703	0.0718	0.0637	0.0629	0.0211	0.0380	0.0094	0.1009	0.0276	0.0390	0.0040
341	DENTAL HYGIENIST	28	0.0072	0.0153	0.0057	0.0033	-0.0018	-0.0000	-0.0024	0.0204	0.0084	0.0061
343	PHYS THERAPIST	16	0.0099	0.0153	0.0245	-0.0066	0.0153	0.0024	-0.0000	0.0157	0.0080	0.0056
344	OCCUP THERAPIST	13	0.0203	0.0109	0.0076	0.0183	0.0210	0.0024	0.0081	0.0150	0.0089	-0.0024
346	SPEC THERAPIST (MISC)	19	0.0079	-0.0050	0.0045	0.0162	0.0106	-0.0070	0.0007	0.0247	-0.0008	-0.0159
347	MED/DENT TECHNOL	101	0.0400	0.0341	0.0322	0.0271	0.0272	0.0069	0.0302	0.0225	0.0220	-0.0066
348	MED/DENT TECHNICIAN	134	-0.0016	-0.0045	-0.0098	-0.0044	0.0045	-0.0098	-0.0063	-0.0045	0.0057	0.0064
360	PSYCHOLOGIST	37	0.0242	0.0342	0.0153	0.0168	0.0142	0.0004	0.0253	0.0222	0.0151	-0.0111
369	PSYCH RES ASST	2	0.0111	0.0059	0.0104	0.0132	0.0095	-0.0028	0.0114	0.0127	-0.0140	0.0105
370	SOCIAL WORKER	190	0.0287	0.0408	0.0289	0.0246	0.0101	0.0018	0.0422	0.0178	0.0235	-0.0225
371	PSYCHIATRIC SOC WRKR	18	0.0175	0.0178	0.0051	0.0165	0.0011	-0.0083	0.0073	0.0085	0.0141	0.0046
372	COUNSELING/GUIDANCE	16	0.0171	0.0199	0.0115	0.0096	0.0007	0.0024	0.0143	0.0068	0.0229	0.0056
373	VOC/ED GUIDANCE	32	0.0191	0.0347	0.0197	0.0234	0.0175	0.0131	0.0247	0.0270	0.0156	-0.0045
382	ECONOMIST	4	0.0157	0.0238	0.0179	0.0187	0.0076	0.0098	0.0125	0.0045	0.0159	0.0061
383	SOCIOLOGIST	2	-0.0024	0.0103	0.0104	-0.0019	-0.0152	0.0069	0.0167	-0.0063	0.0113	-0.0143
384	ANTHROPOLOGIST	5	0.0133	0.0190	0.0092	0.0248	0.0098	0.0048	0.0097	0.0120	0.0018	0.0087
389	SOCIAL SCI (MISC)	7	0.0171	0.0239	0.0133	0.0102	0.0046	0.0129	0.0219	0.0170	0.0076	-0.0036
391	POLITICIAN	2	-0.0024	0.0147	0.0241	0.0102	0.0013	-0.0028	0.0079	0.0127	0.0113	-0.0081
392	DIPLOMAT	8	0.0154	0.0206	0.0276	0.0113	0.0108	-0.0056	0.0211	0.0127	0.0057	0.0055
393	LAWYER	13	0.0177	0.0194	0.0022	0.0147	0.0081	0.0062	0.0136	0.0125	0.0155	0.0024
397	PUBLIC ADM (NEC)	2	0.0111	0.0059	0.0150	0.0072	0.0095	-0.0028	0.0026	0.0064	0.0113	-0.0081
400	TEACHER (NEC)	1194	0.0729	0.0939	0.0664	0.0642	0.0472	0.0152	0.0745	0.0650	0.0503	-0.0060
410	TCHNG YNG CHILDR	7	0.0063	0.0076	0.0084	0.0167	0.0046	0.0026	-0.0026	0.0170	-0.0105	-0.0036
411	TCHNG PRESCH CHILDR	37	0.0132	0.0140	0.0100	0.0083	0.0122	0.0004	0.0130	0.0089	0.0112	-0.0053
412	TEACHER-ELEM	752	0.0386	0.0469	0.0357	0.0184	0.0269	-0.0040	0.0434	0.0576	0.0373	-0.0265
420	TEACHER-HS (NEC)	89	0.0235	0.0401	0.0388	0.0215	0.0179	0.0098	0.0473	0.0211	0.0209	-0.0025
421	TEACHER-HS MATH	62	0.0218	0.0253	0.0257	0.0302	0.0235	0.0141	0.0239	0.0331	0.0295	-0.0006
422	TEACHER-HS SCI	41	0.0189	0.0284	0.0252	0.0238	0.0104	0.0142	0.0361	0.0239	0.0101	0.0078
423	TEACHER-HS SOC ST	68	0.0381	0.0377	0.0315	0.0278	0.0146	-0.0012	0.0387	0.0142	0.0195	-0.0016
424	TEACHER-ENGLISH	150	0.0448	0.0548	0.0355	0.0519	0.0188	0.0185	0.0708	0.0465	0.0149	-0.0065
425	TEACHER-FOREIGN LANG	58	0.0184	0.0394	0.0278	0.0268	0.0085	0.0048	0.0172	0.0272	0.0090	0.0070
426	TEACHER-COMM ED	50	0.0109	-0.0121	-0.0087	0.0189	0.0130	0.0229	0.0029	0.0102	0.0142	0.0054
427	TEACHER-HS HOME EC	63	0.0045	0.0012	0.0006	0.0019	-0.0067	0.0112	0.0186	0.0080	0.0212	0.0180
428	TEACHER-TRADES	2	-0.0024	0.0016	-0.0080	-0.0050	0.0095	0.0069	-0.0027	0.0127	-0.0056	0.0043
429	TEACHER-PHYS ED	44	0.0031	0.0158	0.0086	0.0026	0.0148	0.0118	0.0022	-0.0081	0.0061	0.0241
431	TEACHER-ART	51	0.0226	0.0305	0.0102	0.0182	0.0073	-0.0150	0.0207	0.0327	0.0185	0.0014
432	TEACHER-MUSIC	58	0.0184	0.0305	0.0167	0.0105	0.0177	-0.0024	0.0487	0.0225	0.0216	0.0012
433	TEACHER-SPEECH	4	0.0061	0.0053	0.0049	0.0058	0.0018	0.0029	0.0112	0.0090	0.0040	0.0236
440	TEACHER-HANDICAPPED	60	0.0103	0.0231	0.0041	0.0099	0.0131	-0.0011	0.0219	0.0070	0.0032	0.0031
441	SPEECH THERAPIST	40	0.0330	0.0237	0.0044	0.0192	0.0076	0.0027	0.0240	0.0171	0.0221	-0.0113
450	SCH ADM (EXC COLL)	9	0.0044	0.0034	0.0036	0.0038	0.0086	-0.0082	0.0164	-0.0059	0.0120	0.0018
460	COLL/UNIV TCHR (NEC)	90	0.0373	0.0556	0.0431	0.0396	0.0210	0.0276	0.0370	0.0351	0.0191	-0.0119
461	COLL/UNIV TCHR-MATH	8	0.0121	0.0119	0.0276	0.0128	0.0108	0.0041	0.0211	0.0159	0.0099	-0.0131
462	COLL/UNIV TCHR-SCI	20	0.0287	0.0340	0.0299	0.0352	0.0171	0.0065	0.0407	0.0181	0.0143	0.0116
463	COLL/UNIV TCHR-SOC SCI	25	0.0297	0.0389	0.0296	0.0357	0.0197	0.0080	0.0438	0.0305	0.0160	0.0161
464	COLL/UNIV TCHR-ENGLISH	49	0.0345	0.0519	0.0454	0.0460	0.0222	0.0166	0.0601	0.0462	0.0200	0.0119
465	COLL/UNIV TCHR-FOR LANG	21	0.0193	0.0320	0.0216	0.0279	0.0156	0.0074	0.0309	0.0235	0.0209	-0.0024
470	COLL/UNIV TCHR-ADM	2	0.0111	0.0103	-0.0034	0.0011	0.0095	-0.0028	-0.0009	0.0127	0.0113	0.0291
511	LIBRARIAN	54	0.0317	0.0385	0.0328	0.0250	0.0178	0.0154	0.0307	0.0306	0.0196	0.0068

TABLE 4.4 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INFORMATION TEST II (CONTD.)									
			JOURNALISM	FOREIGN TRAVEL	MILITARY	ACCTG, BUS, SALES	PRACT KNOWL	CLERICAL	BIBLE	COLORS	ETIQUETTE	HUNTING
			R-136	R-137	R-138	R-139	R-140	R-141	R-142	R-143	R-144	R-145
521	CLERGYMAN	8	0.0053	-0.0033	-0.0068	-0.0054	-0.0015	0.0041	0.0282	-0.0063	0.0057	-0.0038
522	MONK, BROTHER, NUN	46	0.0237	0.0249	0.0125	0.0199	0.0079	-0.0113	0.0524	0.0093	0.0154	-0.0053
523	RELIG WRKR (OTHER)	36	0.0041	0.0191	0.0040	0.0097	-0.0004	-0.0004	0.0561	0.0001	0.0140	0.0021
531	WRITER (NEC)	31	0.0197	0.0317	0.0275	0.0182	-0.0002	-0.0097	0.0382	0.0178	0.0080	-0.0075
532	FICTION WRITER	3	-0.0029	0.0091	0.0071	0.0013	-0.0085	-0.0153	0.0003	-0.0052	0.0000	0.0128
533	NONFIC WRTR (EXC JRNLST)	5	0.0090	0.0163	0.0092	0.0094	0.0098	-0.0013	0.0053	0.0040	-0.0035	0.0009
534	JRNLST/RPRTER	20	0.0201	0.0229	0.0227	0.0246	0.0119	0.0096	0.0145	0.0121	-0.0017	0.0057
536	PUBLISHER, ETC.	5	0.0005	-0.0057	0.0121	0.0017	0.0046	0.0109	-0.0014	0.0080	0.0018	-0.0148
537	EDITOR	8	0.0121	0.0228	0.0253	0.0174	-0.0015	-0.0056	0.0185	0.0159	0.0099	-0.0038
539	TRNSLTR, INTRPRTR, LINGST	9	0.0172	0.0095	0.0036	0.0195	0.0086	0.0146	0.0189	0.0209	0.0159	0.0047
541	FINE ARTS	31	0.0042	0.0129	0.0030	0.0074	0.0061	-0.0220	-0.0044	0.0210	0.0037	-0.0044
545	COMM ARTIST	41	0.0115	0.0140	-0.0174	-0.0064	0.0067	-0.0115	-0.0064	0.0113	0.0082	0.0064
547	DESIGNER (CONS GDS)	5	-0.0038	0.0080	0.0034	0.0094	0.0098	0.0048	-0.0036	0.0080	0.0125	0.0048
551	MUSICIAN	11	0.0116	0.0204	0.0077	0.0026	0.0153	0.0079	0.0054	0.0081	0.0156	0.0061
552	SINGER	5	0.0005	-0.0112	-0.0082	-0.0098	0.0046	-0.0013	-0.0081	0.0120	-0.0035	-0.0030
559	MUSIC-REL (MISC)	[illegible]	0.0013	0.0136	0.0058	0.0066	0.0047	0.0055	0.0297	0.0090	0.0040	0.0076
560	DANCER, CHOREOG	14	0.0064	0.0092	-0.0037	0.0121	-0.0028	-0.0183	0.0016	0.0120	0.0043	-0.0121
571	ACTOR	6	0.0114	0.0103	0.0021	-0.0051	-0.0025	-0.0104	0.0209	0.0073	0.0098	-0.0069
575	THEATRE ((OTHER)	14	0.0140	0.0190	0.0084	0.0029	0.0065	0.0073	0.0016	0.0024	0.0075	-0.0027
579	MISC PERF ARTS	3	0.0026	0.0162	0.0033	-0.0011	-0.0219	0.0085	0.0032	-0.0052	0.0138	-0.0074
581	MODEL	4	-0.0034	0.0053	-0.0048	-0.0006	0.0018	0.0029	-0.0050	0.0000	0.0100	-0.0115
621	RECREATION DIR	12	0.0024	0.0075	0.0161	0.0089	0.0065	0.0169	0.0021	0.0052	0.0173	0.0029
622	CMPNG, SCTNG, PRK GD	3	0.0026	0.0162	0.0033	0.0162	0.0049	0.0085	0.0176	0.0104	-0.0068	0.0027
639	FARMING (OTHER)	6	-0.0120	0.0053	0.0021	0.0019	-0.0168	-0.0046	-0.0005	-0.0073	0.0000	0.0182
711A	BANKING & FINANCE, I	30	-0.0023	-0.0062	0.0047	0.0051	-0.0056	0.0067	-0.0085	-0.0016	-0.0086	0.0150
711B	BANKING & FINANCE, II	4	0.0109	0.0023	0.0049	0.0123	0.0135	-0.0039	-0.0050	0.0045	0.0040	-0.0027
712	INVSTMNT, STOCK CONSULT	2	0.0043	0.0059	0.0058	0.0041	0.0013	0.0069	-0.0044	0.0064	0.0028	0.0043
716	CPA	25	0.0068	0.0019	-0.0029	0.0202	0.0080	0.0107	0.0113	0.0162	-0.0007	0.0161
717	ACCTANT (EXC CPA)	50	-0.0026	0.0036	0.0033	0.0122	-0.0084	-0.0003	-0.0168	-0.0114	-0.0179	0.0078
721	PURCHASING AGENT	4	-0.0034	-0.0131	-0.0145	-0.0049	0.0018	-0.0039	-0.0038	-0.0134	-0.0198	0.0017
722	RETAIL BUYER	24	0.0170	0.0068	0.0148	0.0143	-0.0074	0.0044	-0.0138	0.0037	0.0171	-0.0012
724	ADVERTISING	32	0.0241	0.0238	0.0106	0.0150	0.0156	-0.0135	0.0008	0.0207	0.0177	0.0032
725	PUBLIC RELATIONS	16	0.0051	0.0153	0.0083	0.0149	0.0193	0.0093	0.0075	0.0180	0.0080	-0.0120
726	PERSONNEL ADMIN	25	0.0278	0.0130	0.0231	0.0194	0.0057	0.0052	0.0143	0.0216	0.0184	-0.0103
727	APPRAISING, ESTIMATING	13	-0.0035	0.0024	-0.0032	0.0052	0.0114	0.0062	-0.0113	-0.0099	0.0023	-0.0097
728	LOAN/CREDIT INVESTIG	11	0.0059	-0.0111	-0.0040	0.0116	0.0013	-0.0044	0.0017	-0.0081	-0.0095	0.0008
730	BUS MGMT ADM (NEC)	19	-0.0096	-0.0149	-0.0030	-0.0114	-0.0080	-0.0038	-0.0211	-0.0020	-0.0227	0.0022
732	WHSL/RET TRADE MGMT/MKTG	12	0.0106	0.0075	0.0067	0.0139	0.0032	0.0011	0.0050	0.0000	-0.0068	-0.0072
738	SUPERVISOR IN BUS	8	0.0121	0.0032	-0.0022	-0.0008	0.0108	-0.0056	0.0026	0.0000	-0.0028	0.0024
741	SALESCLERK	34	-0.0361	-0.0399	-0.0340	-0.0353	-0.0266	-0.0209	-0.0375	-0.0230	-0.0149	-0.0019
743	STOCKBROKER	4	0.0157	-0.0008	0.0049	0.0058	0.0135	-0.0039	0.0037	-0.0045	0.0040	-0.0027
745	REAL ESTATE SLSMAN	6	-0.0003	0.0028	0.0074	0.0107	0.0022	0.0008	0.0097	0.0037	0.0000	0.0110
746	INSURANCE SLSMAN	5	0.0005	0.0080	-0.0082	0.0113	-0.0006	-0.0013	-0.0048	0.0040	0.0018	-0.0069
748	OTHER SLSMAN (NEC)	13	0.0124	0.0006	-0.0032	0.0159	0.0081	0.0024	-0.0071	0.0150	0.0089	0.0000
749	SALES MGR	2	0.0043	0.0059	0.0058	0.0011	0.0013	-0.0028	0.0044	-0.0063	0.0028	-0.0019
751	BOOKKEEPER	131	-0.0112	-0.0319	-0.0172	-0.0088	-0.0115	0.0045	-0.0232	-0.0274	-0.0298	0.0068
752	TELLER OR BANK CLRK	37	-0.0151	-0.0094	-0.0188	-0.0037	-0.0012	0.0095	-0.0084	-0.0117	-0.0084	0.0077
753	CASHIER	17	0.0022	-0.0088	-0.0193	-0.0124	-0.0005	0.0069	-0.0032	-0.0087	-0.0047	0.0072
755	MISC ACCT RECDG	64	-0.0041	0.0036	-0.0143	-0.0067	-0.0189	0.0031	-0.0085	-0.0134	-0.0063	0.0090
756	KEYPUNCH OP	83	-0.0281	-0.0290	-0.0297	-0.0142	0.0038	-0.0036	-0.0286	-0.0226	-0.0230	0.0089
757	KEYPUNCH INSTRUC	4	-0.0129	-0.0070	0.0017	-0.0049	-0.0098	0.0029	-0.0137	0.0000	-0.0139	-0.0115
758	COMPUTER OP	65	-0.0232	-0.0154	-0.0024	-0.0204	-0.0093	0.0054	-0.0194	-0.0322	-0.0260	-0.0109
761	SECRETARY (NEC)	997	-0.0011	-0.0254	-0.0322	0.0154	-0.0040	0.0469	-0.0346	0.0027	-0.0183	-0.0142
762	SECRETARY-BOOKKEEPER	23	-0.0121	-0.0139	-0.0088	0.0127	0.0032	0.0120	0.0105	-0.0056	0.0034	0.0027
763	MED/DENT SECRETARY	47	0.0064	-0.0031	0.0016	-0.0003	0.0105	0.0195	-0.0043	0.0040	0.0042	-0.0093
764	LEGAL SECRETARY	61	-0.0023	-0.0094	-0.0037	0.0149	0.0004	0.0154	-0.0117	-0.0011	-0.0049	-0.0027
765	STENO, CRT RPRTR	69	-0.0188	-0.0278	-0.0332	-0.0189	-0.0058	0.0043	-0.0224	-0.0107	-0.0171	-0.0049
766	TYPIST, CLERK TYPIST	103	-0.0201	-0.0257	-0.0173	-0.0163	-0.0155	0.0010	-0.0350	-0.0274	-0.0296	-0.0033
768	PROOFREADER	2	-0.0091	0.0016	-0.0080	-0.0080	-0.0069	-0.0125	-0.0062	-0.0063	-0.0056	0.0105
769	CLERK (MISC)	137	-0.0282	-0.0565	-0.0303	-0.0273	-0.0327	-0.0060	-0.0342	-0.0306	-0.0168	0.0060
771	OFFICE SUPERVISOR	14	0.0013	0.0042	0.0015	-0.0005	-0.0028	0.0110	-0.0024	0.0048	-0.0021	-0.0004
772	OFFICE MGR	5	-0.0081	0.0053	0.0092	0.0017	0.0150	-0.0136	0.0064	-0.0040	0.0125	0.0009
781	PHONE, PBX OP	45	-0.0242	-0.0310	-0.0161	-0.0364	-0.0121	-0.0142	-0.0225	-0.0200	-0.0230	-0.0051
789	OTHER "PUB CONT" OCCS	58	-0.0054	0.0029	-0.0097	-0.0008	-0.0022	0.0012	-0.0097	0.0048	-0.0051	0.0082
791	RADIO, TELEGR, TTY OP	4	-0.0177	-0.0070	0.0113	-0.0113	-0.0098	-0.0108	-0.0200	0.0000	-0.0079	0.0017
797	MISC CLERICAL	12	-0.0197	-0.0085	0.0011	-0.0246	-0.0103	-0.0345	-0.0144	-0.0207	-0.0206	0.0004
798	MISC ADMINISTRATIVE	17	0.0208	0.0181	0.0012	0.0251	0.0193	0.0102	-0.0032	0.0087	0.0126	-0.0013
833	METAL TRADES	2	-0.0091	0.0059	-0.0034	0.0163	0.0013	-0.0125	0.0044	0.0000	0.0028	0.0043
861	PRINTING TRADES	6	0.0075	-0.0098	-0.0006	0.0089	-0.0120	-0.0048	-0.0066	0.0000	0.0146	0.0074
864	DRAFTSMAN	4	0.0061	0.0023	-0.0015	0.0016	0.0076	0.0098	0.0137	0.0135	0.0040	0.0148
865	PHOTOGRAPHY	4	0.0061	0.0115	0.0082	0.0101	-0.0040	0.0029	0.0112	0.0090	-0.0139	-0.0071
866	INTERIOR DECORATOR	21	0.0047	0.0146	0.0145	0.0064	0.0054	0.0074	0.0107	0.0098	0.0053	-0.0004
867	LANDSCAPE ARCHIT	2	0.0043	-0.0028	0.0058	-0.0050	0.0013	-0.0028	-0.0150	0.0127	0.0028	0.0043
868	CLTHNG & FASH TRADES	50	-0.0188	-0.0304	-0.0298	-0.0358	-0.0380	-0.0430	-0.0239	-0.0215	-0.0094	0.0054
871	DIETITIAN	22	0.0002	0.0066	0.0151	0.0073	0.0068	0.0025	0.0114	0.0058	0.0170	0.0030
872	HOME ECONOMIST	30	0.0099	0.0107	0.0070	0.0200	0.0135	0.0067	0.0175	0.0197	0.0110	-0.0042
873	AIRLN STEWRD, STEWRDESS	13	0.0045	0.0024	-0.0104	0.0040	0.0049	-0.0014	0.0019	0.0050	0.0122	-0.0097
881	FOOD & BEVERAGE PREP	5	-0.0166	-0.0223	-0.0111	-0.0194	-0.0058	-0.0197	-0.0193	-0.0160	-0.0035	0.0127
891	MISC PERSONAL SERV	28	-0.0144	-0.0266	-0.0127	-0.0162	-0.0062	-0.0026	-0.0071	-0.0271	-0.0187	0.0094
893	HAIRDRESSER	196	-0.0445	-0.0576	-0.0435	-0.0579	-0.0374	-0.0208	-0.0564	-0.0321	-0.0309	0.0131
894	PRACTICAL NURSE	118	-0.0423	-0.0401	-0.0057	-0.0415	-0.0266	-0.0480	-0.0244	-0.0454	-0.0189	0.0072
895	NURSES' AIDE	23	-0.0121	-0.0010	-0.0088	-0.0133	-0.0017	-0.0023	0.0032	-0.0074	0.0059	0.0210
896	DOMESTIC SERVICE	4	-0.0034	-0.0070	-0.0048	-0.0242	-0.0040	-0.0039	-0.0087	-0.0179	-0.0198	-0.0027
899	GENERAL LABORER	76	-0.0554	-0.0475	-0.0425	-0.0613	-0.0496	-0.0266	-0.0362	-0.0349	-0.0250	0.0043

TABLE 4.4 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INFORMATION TEST II (CONTD.)									
			FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY	GAMES (SEDENT)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS
			R-146	R-147	R-148	R-149	R-150	R-151	R-152	R-162	R-211	R-212
000	NO ANSWER	1639	-0.0111	-0.0969	-0.0655	-0.0584	-0.1163	-0.0913	-0.0990	-0.1215	-0.0449	-0.0793
001	DON'T KNOW	262	-0.0025	-0.0142	-0.0170	0.0010	-0.0034	-0.0088	-0.0005	-0.0164	-0.0156	-0.0043
010	HOUSEWIFE	4695	-0.0056	-0.0759	-0.0074	-0.0406	-0.0906	-0.0593	-0.1073	-0.0907	-0.0586	-0.0934
020	NO SPEC INCOME JOB	14	-0.0042	-0.0120	-0.0036	-0.0034	-0.0032	-0.0137	-0.0086	-0.0087	0.0002	0.0041
101	EXECUTIVE (NEC)	2	-0.0069	-0.0126	-0.0000	-0.0021	-0.0162	-0.0155	0.0031	-0.0028	0.0028	0.0024
102	FOREMAN (NEC)	3	0.0042	0.0036	0.0116	0.0068	-0.0060	-0.0031	0.0083	0.0033	-0.0145	-0.0049
111	WORK FOR GOVT (NEC)	30	-0.0091	-0.0111	-0.0025	-0.0185	-0.0016	0.0060	-0.0080	-0.0058	-0.0054	-0.0154
112	IN BUS FOR SELF (NEC)	18	0.0082	0.0077	0.0031	0.0033	0.0067	0.0036	-0.0080	0.0059	-0.0005	0.0117
120	IND, BUS, COMM	35	0.0089	-0.0122	-0.0080	-0.0157	-0.0266	-0.0137	-0.0113	-0.0264	-0.0250	-0.0119
121	RETAIL (NEC)	7	0.0020	0.0084	0.0076	-0.0039	0.0204	0.0171	0.0048	0.0062	-0.0065	-0.0088
122	TRANSPORTATION (NEC)	5	0.0224	0.0053	0.0030	0.0039	0.0001	0.0019	-0.0103	-0.0034	0.0050	0.0074
123	REAL ESTATE (NEC)	2	0.0117	-0.0026	-0.0095	-0.0136	-0.0128	0.0067	0.0031	-0.0160	0.0047	0.0157
124	INSURANCE (NEC)	13	0.0104	0.0044	0.0018	-0.0031	-0.0028	-0.0035	0.0014	0.0039	0.0008	-0.0108
125	ELECTRONICS (NEC)	3	0.0042	-0.0100	-0.0194	0.0021	-0.0144	-0.0031	-0.0007	0.0006	-0.0051	0.0034
140	"WRK WTH PEOPLE" (NEC)	8	-0.0199	0.0064	-0.0095	0.0130	0.0150	0.0052	0.0080	0.0142	-0.0039	-0.0013
141	"WRK WITH CHILDR" (NEC)	14	-0.0065	-0.0221	-0.0036	-0.0099	-0.0212	-0.0221	-0.0239	-0.0211	-0.0020	-0.0078
150	RESEARCH	6	0.0059	0.0205	0.0109	0.0096	0.0169	0.0149	0.0117	0.0180	0.0192	0.0148
211	MATH, STAT	8	0.0079	0.0147	0.0047	0.0130	0.0065	0.0052	0.0154	0.0191	0.0113	0.0151
212	OTHER STATISTICS	5	-0.0167	0.0053	-0.0030	0.0184	0.0129	0.0195	0.0200	0.0133	0.0147	0.0293
221	SYSTEMS ANALYST	8	-0.0014	0.0097	-0.0095	0.0101	0.0133	0.0107	0.0135	0.0175	0.0171	0.0141
222	COMPUTER PROGRAMMER	43	-0.0085	0.0174	-0.0011	0.0227	0.0274	0.0150	0.0415	0.0212	0.0063	0.0160
229	COMPUTER SPEC (NEC)	7	0.0152	0.0067	-0.0026	0.0145	0.0059	0.0141	0.0205	0.0115	-0.0055	0.0097
231	CHEMIST	25	0.0098	0.0289	0.0174	0.0234	0.0280	0.0231	0.0417	0.0326	0.0242	0.0371
234	GEOLOGIST	2	-0.0069	0.0107	0.0095	0.0094	0.0109	0.0123	0.0178	0.0104	-0.0029	-0.0047
241	CIVIL ENGINEER	2	-0.0069	0.0007	-0.0000	-0.0136	0.0109	-0.0044	0.0031	0.0071	0.0104	0.0065
245	CHEM ENGINEER	2	-0.0130	0.0174	-0.0000	0.0094	0.0143	0.0067	0.0215	0.0104	0.0162	0.0096
299	PHYS SCI, LAB TECH	23	0.0050	-0.0094	0.0069	0.0098	0.0109	0.0106	0.0154	0.0085	0.0008	0.0156
310	BIOLOGIST, ZOOLOGIST	14	0.0239	0.0271	0.0071	0.0161	0.0224	0.0305	0.0193	0.0213	0.0154	0.0103
314	WLDLF/FOREST SPEC	2	-0.0007	0.0040	0.0095	-0.0021	0.0109	0.0234	0.0252	0.0137	0.0028	0.0116
315	PHARMACOLOGIST	2	0.0117	0.0040	0.0095	0.0036	0.0109	-0.0099	0.0031	0.0071	0.0085	0.0188
316	MICROBIOLOGIST	15	0.0026	0.0153	0.0052	0.0152	0.0162	0.0073	0.0064	0.0182	0.0129	0.0046
317	BIOCHEMIST	7	-0.0079	0.0120	0.0025	0.0237	0.0204	0.0141	0.0265	0.0203	0.0231	0.0163
319	OTHER CHEM SCI	8	-0.0045	0.0164	0.0142	0.0044	0.0218	0.0135	0.0246	0.0109	0.0218	0.0186
329	MD-OTHER	19	-0.0001	0.0173	0.0107	0.0159	0.0281	0.0289	0.0388	0.0326	0.0232	0.0295
333	VETERINARIAN	4	-0.0053	0.0081	0.0134	0.0011	0.0130	0.0095	0.0200	0.0100	0.0094	0.0229
335	PHARMACIST	16	0.0068	0.0149	0.0067	0.0001	0.0080	0.0053	0.0179	0.0166	0.0106	0.0022
337	RN	703	-0.0051	0.0781	0.0399	0.0214	0.0564	0.0423	0.0571	0.0703	0.0494	0.0555
341	DENTAL HYGIENIST	28	-0.0026	0.0196	-0.0001	-0.0002	0.0281	0.0134	0.0037	0.0089	0.0171	0.0113
343	PHYS THERAPIST	16	0.0068	0.0267	0.0067	-0.0019	0.0116	0.0132	0.0179	0.0061	0.0113	0.0141
344	OCCUP THERAPIST	13	0.0031	0.0188	0.0093	-0.0009	0.0118	0.0292	0.0129	0.0116	0.0045	0.0100
346	SPEC THERAPIST (MISC)	19	-0.0081	0.0119	-0.0047	0.0103	0.0193	0.0145	0.0101	0.0133	-0.0022	0.0034
347	MED/DENT TECHNOL	101	-0.0040	0.0384	0.0072	0.0085	0.0226	0.0179	0.0363	0.0403	0.0261	0.0310
348	MED/DENT TECHNICIAN	134	0.0080	0.0082	0.0045	-0.0088	0.0017	0.0029	-0.0081	-0.0004	-0.0142	-0.0194
360	PSYCHOLOGIST	37	-0.0015	0.0193	0.0054	0.0150	0.0287	0.0310	0.0489	0.0267	0.0154	0.0308
369	PSYCH RES ASST	2	0.0055	0.0007	-0.0000	-0.0021	0.0143	0.0123	0.0068	0.0104	0.0009	0.0126
370	SOCIAL WORKER	190	-0.0093	0.0120	0.0096	0.0037	0.0343	0.0398	0.0398	0.0365	0.0108	0.0189
371	PSYCHIATRIC SOC WRKR	18	0.0021	0.0121	0.0126	0.0186	0.0225	0.0147	0.0179	0.0158	0.0040	-0.0005
372	COUNSELING/GUIDANCE	16	-0.0020	0.0079	-0.0068	0.0285	0.0212	0.0230	0.0270	0.0154	0.0154	0.0094
373	VOC/ED GUIDANCE	32	0.0065	0.0353	0.0213	0.0203	0.0292	0.0201	0.0419	0.0243	0.0026	-0.0018
382	ECONOMIST	4	-0.0053	0.0198	0.0067	0.0133	0.0130	0.0095	0.0070	0.0170	-0.0028	0.0164
383	SOCIOLOGIST	2	0.0117	-0.0060	-0.0000	0.0036	0.0075	-0.0044	0.0105	0.0038	0.0009	0.0147
384	ANTHROPOLOGIST	5	0.0067	0.0074	0.0090	0.0003	0.0194	0.0089	0.0200	0.0175	0.0135	-0.0010
389	SOCIAL SCI (MISC)	7	-0.0046	0.0191	0.0076	0.0237	0.0204	0.0230	0.0146	0.0186	0.0088	0.0223
391	POLITICIAN	2	0.0055	-0.0026	0.0095	0.0151	0.0041	0.0012	0.0141	0.0104	0.0047	-0.0006
392	DIPLOMAT	8	0.0110	0.0247	0.0095	0.0044	0.0235	0.0135	0.0246	0.0224	0.0027	0.0059
393	LAWYER	13	-0.0163	0.0149	-0.0019	0.0149	0.0251	0.0161	0.0187	0.0129	-0.0022	0.0036
397	PUBLIC ADM (NEC)	2	0.0055	-0.0026	0.0095	-0.0021	0.0075	0.0123	0.0105	0.0038	0.0066	0.0106
400	TEACHER (NEC)	1194	0.0130	0.0821	0.0295	0.0562	0.1088	0.0773	0.0904	0.0873	0.0396	0.0904
410	TCHNG YNG CHILDR	7	-0.0079	-0.0005	-0.0077	0.0053	0.0204	0.0201	0.0146	0.0186	0.0109	0.0005
411	TCHNG PRESCH CHILDR	37	-0.0159	0.0123	-0.0034	-0.0010	0.0224	0.0051	0.0008	0.0106	0.0079	0.0130
412	TEACHER-ELEM	752	-0.0006	0.0504	0.0268	0.0274	0.0539	0.0510	0.0571	0.0526	0.0270	0.0540
420	TEACHER-HS (NEC)	89	0.0084	0.0307	0.0034	0.0213	0.0407	0.0130	0.0303	0.0311	0.0146	0.0351
421	TEACHER-HS MATH	62	0.0039	0.0315	0.0101	0.0368	0.0222	0.0246	0.0345	0.0354	0.0325	0.0363
422	TEACHER-HS SCI	41	0.0160	0.0216	0.0052	0.0146	0.0276	0.0140	0.0242	0.0227	0.0019	0.0254
423	TEACHER-HS SOC ST	68	-0.0168	0.0201	0.0064	0.0232	0.0397	0.0280	0.0275	0.0386	0.0049	0.0146
424	TEACHER-ENGLISH	150	-0.0039	0.0366	0.0064	0.0243	0.0562	0.0381	0.0517	0.0503	0.0242	0.0406
425	TEACHER-FOREIGN LANG	58	-0.0141	0.0149	0.0034	0.0143	0.0310	0.0323	0.0358	0.0327	0.0261	0.0422
426	TEACHER-COMM ED	50	0.0114	0.0015	0.0018	-0.0013	-0.0080	-0.0041	0.0022	0.0170	0.0228	0.0124
427	TEACHER-HS HOME EC	63	0.0105	0.0224	0.0160	-0.0139	-0.0090	-0.0033	0.0032	0.0087	0.0020	-0.0044
428	TEACHER-TRADES	2	0.0055	0.0107	-0.0000	0.0036	-0.0027	0.0012	-0.0006	0.0038	-0.0029	-0.0047
429	TEACHER-PHYS ED	44	0.0086	0.0182	-0.0001	0.0195	0.0062	-0.0004	0.0168	0.0108	0.0119	-0.0006
431	TEACHER-ART	51	0.0051	0.0234	0.0140	0.0190	0.0335	0.0248	0.0138	0.0411	0.0102	0.0264
432	TEACHER-MUSIC	58	0.0066	0.0199	0.0087	0.0175	0.0202	0.0033	0.0132	0.0248	0.0208	0.0317
433	TEACHER-SPEECH	4	0.0034	0.0104	0.0067	0.0133	0.0130	0.0017	0.0096	0.0124	0.0067	0.0135
440	TEACHER-HANDICAPPED	60	0.0064	0.0233	0.0086	0.0105	0.0231	0.0248	0.0176	0.0220	0.0126	0.0120
441	SPEECH THERAPIST	40	-0.0045	0.0307	-0.0128	0.0073	0.0336	0.0203	0.0097	0.0318	0.0134	0.0205
450	SCH ADM (EXC GOLL)	9	-0.0160	0.0046	-0.0023	0.0037	0.0183	-0.0027	0.0005	0.0088	-0.0017	-0.0066
460	COLL/UNIV TCHR (NEC)	90	0.0092	0.0321	0.0112	0.0193	0.0565	0.0496	0.0549	0.0403	0.0132	0.0412
461	COLL/UNIV TCHR-MATH	8	0.0141	0.0147	-0.0000	0.0101	0.0201	0.0218	0.0357	0.0175	0.0123	0.0217
462	COLL/UNIV TCHR-SCI	20	0.0095	0.0317	0.0240	0.0333	0.0377	0.0302	0.0354	0.0318	0.0060	0.0326
463	COLL/UNIV TCHR-SOC SCI	25	0.0081	0.0242	0.0120	0.0332	0.0356	0.0310	0.0490	0.0326	0.0161	0.0270
464	COLL/UNIV TCHR-ENGLISH	49	0.0053	0.0412	0.0124	0.0348	0.0540	0.0352	0.0515	0.0452	0.0272	0.0518
465	COLL/UNIV TCHR-FOR LANG	21	-0.0022	0.0301	0.0131	0.0339	0.0342	0.0382	0.0311	0.0261	0.0318	0.0361
470	COLL/UNIV TCHR-ADM	2	-0.0130	0.0107	0.0095	-0.0021	0.0109	0.0067	0.0215	0.0038	0.0085	0.0198
511	LIBRARIAN	54	0.0024	0.0152	0.0127	0.0267	0.0397	0.0223	0.0438	0.0293	0.0175	0.0284

TABLE 4.4 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INFORMATION TEST II (CONTD.)									
			FISHING	OUTDR ACT (OTH)	PHOTOGRAPHY	GAMES (SEDENT)	THEATRE/BALLET	FOODS	MISCELLANEOUS	VOCABULARY II	MEM FOR SENT	MEM FOR WORDS
			R-146	R-147	R-148	R-149	R-150	R-151	R-152	R-162	R-211	R-212
521	CLERGYMAN	6	-0.0014	0.0031	0.0142	0.0159	0.0031	-0.0088	-0.0086	0.0043	0.0104	0.0110
522	MONK, BROTHER, NUN	46	-0.0046	0.0048	0.0078	0.0187	0.0261	0.0254	0.0233	0.0244	0.0075	0.0142
523	RELIG WRKR (OTHER)	36	-0.0160	0.0069	0.0022	0.0006	-0.0090	-0.0002	0.0131	0.0021	-0.0057	0.0048
531	WRITER (NEC)	31	0.0051	0.0045	0.0084	0.0063	0.0282	0.0202	0.0154	0.0229	0.0127	0.0219
532	FICTION WRITER	3	0.0143	-0.0046	0.0039	0.0255	0.0050	-0.0031	0.0053	0.0087	0.0027	0.0117
533	NONFIC WRTR (EXC JRNLST)	5	0.0028	0.0053	-0.0090	0.0003	0.0043	0.0160	0.0247	0.0091	0.0002	0.0022
534	JRNLST/RPRTER	20	-0.0061	0.0075	0.0120	-0.0012	0.0291	0.0214	0.0203	0.0214	0.0204	0.0206
536	PUBLISHER, ETC.	5	-0.0050	0.0011	-0.0030	0.0003	0.0065	0.0160	-0.0056	0.0112	0.0062	-0.0036
537	EDITOR	8	0.0048	0.0081	-0.0000	0.0273	0.0252	0.0135	0.0191	0.0158	0.0094	0.0151
539	TRNSLTR, INTRPRTR, LINGST	9	0.0044	0.0156	0.0112	0.0145	0.0135	0.0025	0.0231	0.0213	0.0226	0.0256
541	FINE ARTS	31	0.0036	0.0189	-0.0085	-0.0039	0.0179	0.0315	0.0079	0.0187	0.0084	0.0030
545	COMM ARTIST	41	-0.0086	0.0076	0.0052	-0.0019	0.0081	0.0165	0.0087	0.0074	-0.0145	-0.0024
547	DESIGNER (CONS GDS)	5	-0.0089	-0.0052	0.0030	0.0003	0.0151	0.0089	0.0154	0.0050	0.0038	0.0068
551	MUSICIAN	11	-0.0122	0.0159	0.0020	0.0024	0.0125	0.0075	0.0112	0.0166	0.0021	0.0120
552	SINGER	5	0.0145	0.0032	-0.0151	0.0076	0.0022	0.0054	0.0060	0.0008	0.0014	-0.0036
559	MUSIC-REL (MISC)	9	-0.0073	0.0093	0.0067	0.0199	0.0183	0.0025	0.0109	0.0119	-0.0035	0.0271
560	DANCER, CHOREOG	14	0.0075	0.0006	-0.0072	0.0226	0.0186	0.0137	0.0096	0.0063	0.0118	0.0126
571	ACTOR	6	-0.0083	-0.0026	0.0164	-0.0003	0.0169	0.0085	0.0096	0.0180	0.0093	0.0119
575	THEATRE ((OTHER)	14	0.0239	0.0056	-0.0001	0.0140	0.0314	0.0158	0.0054	0.0163	0.0074	0.0153
579	MISC PERF ARTS	3	-0.0109	0.0090	0.0116	0.0068	0.0133	0.0105	0.0143	0.0006	-0.0098	-0.0066
581	MODEL	4	0.0034	-0.0061	-0.0067	-0.0030	0.0034	-0.0062	-0.0009	0.0007	-0.0028	0.0034
621	RECREATION DIR	12	0.0109	0.0180	-0.0000	0.0159	0.0101	0.0097	0.0151	0.0133	0.0084	0.0068
622	CMPNG, SCTNG, PRK GD	3	0.0193	0.0172	-0.0039	0.0021	0.0106	0.0151	0.0173	0.0060	0.0136	-0.0016
639	FARMING (OTHER)	6	-0.0048	0.0089	-0.0055	-0.0036	-0.0105	-0.0108	-0.0117	0.0028	0.0060	0.0054
711A	BANKING & FINANCE, I	30	0.0037	-0.0033	0.0048	-0.0081	-0.0077	-0.0055	-0.0157	-0.0049	0.0005	-0.0127
711B	BANKING & FINANCE, II	4	0.0034	0.0033	0.0134	0.0173	-0.0014	0.0056	0.0148	0.0147	0.0013	0.0034
712	INVSTMNT, STOCK CONSULT	2	0.0117	0.0074	-0.0000	0.0094	0.0075	0.0067	-0.0043	0.0005	-0.0125	-0.0016
716	CPA	25	-0.0217	-0.0004	0.0040	0.0056	0.0068	0.0042	0.0146	0.0046	0.0010	0.0067
717	ACCTANT (EXC CPA)	50	-0.0134	-0.0005	0.0018	-0.0025	-0.0114	-0.0275	-0.0052	-0.0021	0.0014	-0.0062
721	PURCHASING AGENT	4	-0.0010	-0.0014	-0.0067	-0.0070	-0.0134	-0.0023	-0.0061	0.0007	-0.0055	-0.0110
722	RETAIL BUYER	24	-0.0042	-0.0024	-0.0056	0.0027	0.0162	0.0202	-0.0010	0.0027	-0.0157	0.0075
724	ADVERTISING	32	0.0112	0.0003	0.0023	-0.0027	0.0309	0.0298	0.0142	0.0160	0.0021	0.0087
725	PUBLIC RELATIONS	16	-0.0020	0.0138	-0.0034	-0.0039	0.0212	0.0093	0.0087	0.0131	0.0073	0.0155
726	PERSONNEL ADMIN	25	0.0046	0.0270	0.0093	0.0202	0.0222	0.0121	0.0271	0.0251	0.0129	0.0307
727	APPRAISING, ESTIMATING	13	-0.0042	0.0070	0.0018	0.0059	0.0065	0.0052	0.0014	0.0090	0.0060	0.0008
728	LOAN/CREDIT INVESTIG	11	0.0221	0.0045	-0.0061	-0.0000	-0.0019	-0.0043	0.0002	0.0054	0.0037	0.0098
730	BUS MGMT ADM (NEC)	19	0.0079	-0.0087	-0.0078	-0.0027	-0.0215	-0.0072	-0.0102	-0.0135	0.0009	-0.0039
732	WHSL/RET TRADE MGMT/MKTG	12	0.0034	0.0031	-0.0000	0.0159	0.0142	0.0029	0.0121	0.0133	0.0061	-0.0003
738	SUPERVISOR IN BUS	8	0.0048	-0.0053	0.0095	-0.0099	-0.0037	-0.0115	0.0062	0.0010	0.0113	0.0054
741	SALESCLERK	34	-0.0043	-0.0343	-0.0301	-0.0114	-0.0399	-0.0343	-0.0258	-0.0452	-0.0070	-0.0321
743	STOCKBROKER	4	0.0078	0.0104	-0.0000	0.0173	0.0106	0.0135	-0.0009	0.0077	-0.0041	0.0157
745	REAL ESTATE SLSMAN	6	-0.0083	-0.0046	0.0109	-0.0036	0.0052	0.0117	0.0096	0.0085	0.0004	-0.0076
746	INSURANCE SLSMAN	5	-0.0050	0.0138	0.0150	-0.0033	-0.0150	0.0124	-0.0010	0.0029	0.0099	-0.0003
748	OTHER SLSMAN (NEC)	13	0.0007	0.0031	0.0018	0.0059	0.0025	0.0183	-0.0059	0.0168	0.0015	-0.0040
749	SALES MGR	2	-0.0069	0.0040	-0.0000	-0.0021	0.0143	0.0123	0.0068	0.0005	-0.0067	0.0075
751	BOOKKEEPER	131	0.0028	-0.0150	-0.0208	-0.0163	-0.0335	-0.0207	-0.0218	-0.0234	-0.0084	-0.0147
752	TELLER OR BANK CLRK	37	-0.0001	-0.0203	-0.0012	-0.0090	-0.0131	-0.0130	-0.0009	-0.0140	-0.0108	0.0001
753	CASHIER	17	-0.0126	-0.0151	0.0016	-0.0081	-0.0043	-0.0156	-0.0093	-0.0121	0.0013	-0.0144
755	MISC ACCT RECDG	64	-0.0017	0.0022	0.0049	0.0044	-0.0116	-0.0100	-0.0126	-0.0095	-0.0071	-0.0240
756	KEYPUNCH OP	83	0.0071	-0.0318	-0.0171	-0.0136	-0.0326	-0.0278	-0.0377	-0.0251	-0.0171	-0.0212
757	KEYPUNCH INSTRUC	4	-0.0053	-0.0155	-0.0135	-0.0030	-0.0134	-0.0062	-0.0165	-0.0180	-0.0068	-0.0095
758	COMPUTER OP	65	0.0167	-0.0177	-0.0043	-0.0120	-0.0135	-0.0079	-0.0196	-0.0169	-0.0160	-0.0145
761	SECRETARY (NEC)	997	0.0030	-0.0382	0.0042	-0.0233	-0.0106	-0.0267	-0.0223	-0.0063	-0.0129	-0.0135
762	SECRETARY-BOOKKEEPER	23	0.0141	-0.0163	0.0041	0.0013	-0.0101	-0.0157	0.0001	-0.0051	0.0019	-0.0033
763	MED/DENT SECRETARY	47	-0.0097	-0.0028	-0.0011	0.0028	0.0073	0.0138	0.0055	-0.0010	-0.0035	0.0058
764	LEGAL SECRETARY	61	0.0029	-0.0022	0.0059	-0.0075	-0.0154	-0.0076	-0.0053	0.0075	-0.0203	0.0015
765	STENO, CRT RPRTR	69	0.0033	-0.0243	-0.0009	-0.0172	-0.0204	-0.0414	-0.0142	-0.0202	0.0014	0.0060
766	TYPIST, CLERK TYPIST	103	-0.0084	-0.0234	-0.0048	-0.0055	-0.0325	-0.0288	-0.0353	-0.0260	-0.0109	-0.0448
768	PROOFREADER	2	0.0055	-0.0026	-0.0095	-0.0021	-0.0061	-0.0044	-0.0153	-0.0127	0.0085	0.0086
769	CLERK (MISC)	137	-0.0012	-0.0387	-0.0203	-0.0202	-0.0544	-0.0522	-0.0327	-0.0339	-0.0229	-0.0341
771	OFFICE SUPERVISOR	14	-0.0042	0.0031	-0.0001	-0.0012	-0.0148	0.0137	0.0040	-0.0062	-0.0063	-0.0148
772	OFFICE MGR	5	-0.0011	0.0095	-0.0090	0.0148	-0.0064	0.0019	-0.0010	-0.0034	0.0062	-0.0029
781	PHONE, PBX OP	45	0.0085	-0.0262	-0.0171	-0.0245	-0.0320	-0.0171	-0.0278	-0.0283	-0.0131	-0.0179
789	OTHER "PUB CONT" OCCS	58	-0.0026	-0.0099	-0.0125	-0.0092	-0.0050	-0.0122	-0.0128	-0.0225	-0.0097	-0.0123
791	RADIO, TELEGR, TTY OP	4	0.0034	-0.0131	-0.0067	0.0092	-0.0134	-0.0141	-0.0191	-0.0133	-0.0082	-0.0095
797	MISC CLERICAL	12	-0.0042	-0.0146	-0.0039	-0.0122	-0.0218	-0.0243	-0.0120	-0.0311	0.0084	-0.0253
798	MISC ADMINISTRATIVE	17	-0.0147	0.0112	0.0146	0.0175	0.0224	0.0245	0.0084	0.0298	-0.0072	0.0153
833	METAL TRADES	2	-0.0130	-0.0026	-0.0000	0.0036	-0.0027	-0.0044	-0.0043	0.0038	0.0028	-0.0088
861	PRINTING TRADES	6	-0.0083	0.0070	-0.0165	-0.0036	-0.0027	0.0021	0.0117	0.0142	-0.0007	-0.0052
864	DRAFTSMAN	4	0.0078	0.0010	0.0067	0.0051	0.0010	-0.0023	0.0122	0.0054	0.0013	0.0006
865	PHOTOGRAPHY	4	-0.0010	0.0010	0.0067	0.0011	-0.0014	0.0017	0.0148	0.0077	-0.0068	-0.0153
866	INTERIOR DECORATOR	21	0.0187	0.0043	0.0073	0.0091	0.0060	0.0073	-0.0031	0.0087	0.0135	0.0077
867	LANDSCAPE ARCHIT	2	-0.0007	0.0040	-0.0000	0.0208	0.0075	-0.0099	0.0105	0.0005	0.0028	0.0075
868	CLTHNG & FASH TRADES	50	0.0027	-0.0292	-0.0229	-0.0243	-0.0379	-0.0264	-0.0266	-0.0398	0.0064	-0.0179
871	DIETITIAN	22	-0.0060	0.0023	0.0085	0.0086	0.0044	0.0207	0.0225	0.0036	0.0082	0.0142
872	HOME ECONOMIST	30	0.0085	0.0174	0.0122	0.0008	0.0177	0.0032	0.0129	0.0139	0.0109	0.0068
873	AIRLN STEWRD, STEWRDESS	13	-0.0090	0.0070	0.0130	-0.0009	-0.0055	-0.0057	-0.0030	0.0116	-0.0067	0.0068
881	FOOD & BEVERAGE PREP	5	-0.0050	-0.0052	-0.0151	-0.0069	-0.0214	-0.0122	-0.0010	-0.0159	0.0014	-0.0152
891	MISC PERSONAL SERV	28	-0.0042	-0.0206	-0.0077	0.0013	-0.0282	-0.0194	-0.0279	-0.0184	-0.0094	-0.0201
893	HAIRDRESSER	196	-0.0044	-0.0361	-0.0214	-0.0507	-0.0756	-0.0504	-0.0581	-0.0638	-0.0280	-0.0608
894	PRACTICAL NURSE	118	-0.0037	-0.0207	-0.0250	-0.0364	-0.0508	-0.0374	-0.0350	-0.0479	-0.0106	-0.0297
895	NURSES' AIDE	23	0.0031	0.0043	0.0069	0.0013	-0.0201	-0.0107	-0.0118	-0.0051	-0.0026	-0.0124
896	DOMESTIC SERVICE	4	-0.0053	-0.0061	-0.0000	-0.0030	-0.0254	-0.0023	-0.0009	-0.0203	-0.0041	0.0049
899	GENERAL LABORER	76	0.0028	-0.0309	-0.0310	-0.0372	-0.0612	-0.0506	-0.0583	-0.0613	-0.0122	-0.0537

TABLE 4.4 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
				ENGLISH TEST								
			DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION	USAGE	EFFECT EXPRESS	WORD FN IN SENT	READING COMP	CREATIVITY	MECH REASONING
			R-220	R-231	R-232	R-233	R-234	R-235.	R-240	R-250	R-260	R-270
000	NO ANSWER	1639	-0.0924	-0.0889	-0.0807	-0.1344	-0.0960	-0.1005	-0.1166	-0.1392	-0.0968	-0.0942
001	DON'T KNOW	262	-0.0025	-0.0013	-0.0163	-0.0171	-0.0090	-0.0043	-0.0129	-0.0090	-0.0202	0.0013
010	HOUSEWIFE	4695	-0.0489	-0.0956	-0.0264	-0.1110	-0.0923	-0.0702	-0.1515	-0.1317	-0.0678	-0.0685
020	NO SPEC INCOME JOB	14	-0.0123	-0.0003	-0.0069	-0.0084	-0.0085	-0.0114	-0.0072	-0.0245	-0.0161	-0.0078
101	EXECUTIVE (NEC)	2	0.0024	-0.0068	0.0046	-0.0021	-0.0099	-0.0084	-0.0017	-0.0104	-0.0030	-0.0128
102	FOREMAN (NEC)	3	0.0002	-0.0083	-0.0099	-0.0121	0.0087	0.0014	-0.0025	0.0011	-0.0013	-0.0009
111	WORK FOR GOVT (NEC)	30	-0.0157	0.0042	-0.0110	-0.0120	-0.0162	-0.0046	-0.0080	-0.0073	-0.0079	-0.0160
112	IN BUS FOR SELF (NEC)	18	-0.0024	-0.0063	-0.0193	0.0048	0.0049	0.0023	0.0090	0.0040	-0.0046	0.0066
120	IND, BUS, COMM	35	-0.0176	-0.0098	-0.0242	-0.0260	-0.0242	-0.0097	-0.0252	-0.0387	-0.0207	-0.0144
121	RETAIL (NEC)	7	-0.0137	0.0052	0.0007	-0.0009	0.0035	0.0088	-0.0029	0.0108	-0.0081	-0.0093
122	TRANSPORTATION (NEC)	5	0.0011	0.0090	0.0020	0.0068	-0.0120	0.0038	0.0014	0.0082	0.0019	-0.0049
123	REAL ESTATE (NEC)	2	0.0024	-0.0046	-0.0038	0.0023	-0.0099	0.0011	-0.0068	-0.0045	0.0045	-0.0065
124	INSURANCE (NEC)	13	-0.0022	0.0019	-0.0081	-0.0111	-0.0115	0.0053	0.0018	-0.0010	-0.0024	0.0021
125	ELECTRONICS (NEC)	3	-0.0040	-0.0029	-0.0064	-0.0098	-0.0122	-0.0012	-0.0165	-0.0053	-0.0198	-0.0061
140	"WRK WTH PEOPLE" (NEC)	8	-0.0041	-0.0103	0.0019	0.0009	0.0037	0.0117	0.0036	0.0069	-0.0023	0.0089
141	"WRK WITH CHILDR" (NEC)	14	-0.0142	-0.0298	-0.0189	-0.0299	-0.0174	-0.0233	-0.0233	-0.0152	-0.0327	-0.0167
150	RESEARCH	6	0.0111	0.0114	0.0092	0.0182	0.0134	0.0092	0.0075	0.0135	0.0166	0.0241
211	MATH, STAT	8	0.0082	0.0009	0.0082	0.0198	0.0174	0.0101	0.0279	0.0146	0.0098	0.0286
212	OTHER STATISTICS	5	0.0119	0.0118	0.0087	0.0197	0.0253	0.0098	0.0244	0.0177	0.0153	0.0250
221	SYSTEMS ANALYST	8	0.0159	0.0087	0.0093	0.0206	0.0214	0.0038	0.0249	0.0169	0.0227	0.0388
222	COMPUTER PROGRAMMER	45	0.0109	0.0077	0.0090	0.0217	0.0129	0.0173	0.0148	0.0176	0.0303	0.0308
229	COMPUTER SPEC (NEC)	7	0.0200	0.0111	0.0087	0.0233	0.0202	0.0156	0.0160	0.0229	0.0161	0.0243
231	CHEMIST	25	0.0283	0.0201	0.0176	0.0326	0.0210	0.0165	0.0361	0.0420	0.0303	0.0425
234	GEOLOGIST	2	0.0118	-0.0001	0.0025	0.0052	0.0097	0.0043	0.0043	0.0124	0.0106	0.0139
241	CIVIL ENGINEER	2	-0.0027	0.0088	0.0004	0.0066	0.0058	-0.0052	0.0124	0.0091	0.0091	0.0139
245	CHEM ENGINEER	2	0.0160	0.0133	0.0067	0.0169	0.0215	0.0106	0.0195	0.0149	0.0136	0.0265
299	PHYS SCI, LAB TECH	23	0.0042	0.0065	0.0032	0.0139	0.0167	0.0066	0.0146	0.0164	0.0133	0.0198
310	BIOLOGIST, ZOOLOGIST	14	0.0270	0.0124	0.0082	0.0220	0.0234	0.0161	0.0302	0.0268	0.0245	0.0427
314	WLDLF/FOREST SPEC	2	0.0169	0.0088	0.0025	0.0096	0.0156	0.0106	0.0094	0.0149	0.0257	0.0249
315	PHARMACOLOGIST	2	0.0007	0.0111	0.0046	0.0154	0.0117	0.0074	0.0144	0.0091	-0.0000	0.0123
316	MICROBIOLOGIST	15	0.0113	0.0058	0.0142	0.0208	0.0215	0.0134	0.0272	0.0283	0.0093	0.0243
317	BIOCHEMIST	7	0.0255	0.0243	0.0109	0.0249	0.0255	0.0156	0.0192	0.0212	0.0258	0.0243
319	OTHER CHEM SCI	8	0.0193	0.0210	0.0008	0.0257	0.0263	0.0086	0.0228	0.0241	0.0151	0.0231
329	MD-OTHER	19	0.0232	0.0341	0.0136	0.0347	0.0248	0.0311	0.0457	0.0361	0.0284	0.0373
333	VETERINARIAN	4	0.0046	0.0093	0.0021	0.0114	0.0123	-0.0029	0.0111	0.0088	0.0085	0.0241
335	PHARMACIST	16	-0.0058	0.0210	0.0138	0.0265	0.0177	0.0065	0.0298	0.0249	0.0192	0.0265
337	RN	703	0.0364	0.0392	0.0432	0.0755	0.0632	0.0552	0.0934	0.1058	0.0641	0.0668
341	DENTAL HYGIENIST	28	0.0170	0.0020	0.0066	0.0077	0.0101	0.0025	0.0152	0.0174	0.0145	0.0159
343	PHYS THERAPIST	16	0.0044	0.0068	0.0168	0.0131	0.0115	0.0021	0.0134	0.0134	0.0165	0.0321
344	OCCUP THERAPIST	13	0.0192	0.0037	0.0143	0.0169	0.0139	0.0177	0.0200	0.0237	0.0130	0.0102
346	SPEC THERAPIST (MISC)	19	0.0033	0.0022	0.0129	0.0058	0.0140	0.0055	0.0159	0.0138	0.0029	-0.0010
347	MED/DENT TECHNOL	101	0.0213	0.0265	0.0210	0.0434	0.0345	0.0316	0.0507	0.0526	0.0454	0.0454
348	MED/DENT TECHNICIAN	134	-0.0243	-0.0223	-0.0030	-0.0169	-0.0140	-0.0098	-0.0155	-0.0103	-0.0014	0.0012
360	PSYCHOLOGIST	37	0.0239	0.0242	0.0160	0.0262	0.0340	0.0239	0.0315	0.0320	0.0175	0.0119
369	PSYCH RES ASST	2	0.0169	0.0088	0.0025	0.0125	0.0156	0.0074	0.0094	0.0104	0.0121	0.0076
370	SOCIAL WORKER	190	0.0230	0.0257	0.0166	0.0382	0.0355	0.0348	0.0533	0.0507	0.0133	0.0070
371	PSYCHIATRIC SOC WRKR	18	0.0212	0.0101	0.0068	0.0170	0.0134	0.0171	0.0127	0.0306	0.0050	0.0160
372	COUNSELING/GUIDANCE	16	0.0136	0.0194	0.0116	0.0203	0.0233	0.0166	0.0219	0.0274	0.0112	0.0032
373	VOC/ED GUIDANCE	32	0.0237	0.0247	-0.0058	0.0269	0.0197	0.0148	0.0240	0.0272	0.0332	0.0218
382	ECONOMIST	4	0.0028	0.0125	0.0065	0.0125	0.0096	0.0150	0.0204	0.0161	0.0117	0.0174
383	SOCIOLOGIST	2	0.0092	0.0133	0.0067	0.0081	0.0175	0.0074	0.0134	0.0111	0.0151	-0.0061
384	ANTHROPOLOGIST	5	0.0151	0.0034	0.0073	0.0133	0.0153	0.0118	0.0149	0.0206	0.0210	0.02[illegible]0
389	SOCIAL SCI (MISC)	7	0.0186	0.0076	0.0087	0.0023	0.0150	0.0224	0.0149	0.0222	0.0113	0.0067
391	POLITICIAN	2	0.0084	0.0155	0.0004	0.0139	0.0018	0.0043	0.0054	0.0117	-0.0046	-0.0097
392	DIPLOMAT	8	0.0142	0.0132	0.0093	0.0169	0.0204	0.0180	0.0264	0.0231	0.0249	0.0231
393	LAWYER	13	0.0152	0.0080	0.0077	0.0192	0.0132	0.0140	0.0188	0.0232	0.0005	0.0052
397	PUBLIC ADM (NEC)	2	0.0177	0.0111	0.0025	0.0110	0.0058	0.0043	0.0094	0.0072	0.0015	-0.0081
400	TEACHER (NEC)	1194	0.0638	0.0804	0.0472	0.1079	0.0964	0.0787	0.1311	0.1293	0.0725	0.0568
410	TCHNG YNG CHILDR	7	0.0109	0.0064	0.0041	-0.0016	0.0118	0.0038	0.0057	0.0077	0.0064	0.0050
411	TCHNG PRESCH CHILDR	37	-0.0003	-0.0085	-0.0027	0.0123	0.0066	0.0063	0.0184	0.0212	0.0221	0.0112
412	TEACHER-ELEM	752	0.0302	0.0470	0.0265	0.0697	0.0436	0.0382	0.0909	0.0777	0.0416	0.0324
420	TEACHER-HS (NEC)	89	0.0261	0.0343	0.0116	0.0527	0.0404	0.0327	0.0566	0.0473	0.0254	0.0141
421	TEACHER-HS MATH	62	0.0187	0.0303	0.0224	0.0565	0.0343	0.0295	0.0608	0.0451	0.0367	0.0631
422	TEACHER-HS SCI	41	0.0285	0.0165	0.0168	0.0346	0.0123	0.0142	0.0350	0.0370	0.0350	0.0317
423	TEACHER-HS SOC ST	68	0.0135	0.0289	0.0143	0.0282	0.0202	0.0196	0.0266	0.0462	0.0217	0.0085
424	TEACHER-ENGLISH	150	0.0480	0.0467	0.0219	0.0613	0.0534	0.0427	0.0766	0.0719	0.0379	0.0285
425	TEACHER-FOREIGN LANG	58	0.0396	0.0488	0.0230	0.0556	0.0545	0.0313	0.0622	0.0513	0.0266	0.0212
426	TEACHER-COMM ED	50	0.0131	0.0191	0.0117	0.0271	0.0104	0.0240	0.0149	0.0160	0.0087	-0.0104
427	TEACHER-HS HOME EC	63	-0.0124	-0.0012	0.0090	0.0139	0.0104	0.0097	0.0077	0.0160	0.0012	0.0229
428	TEACHER-TRADES	2	0.0033	-0.0090	-0.0060	0.0023	0.0018	0.0011	-0.0037	-0.0032	-0.0076	0.0045
429	TEACHER-PHYS ED	44	-0.0057	-0.0005	0.0082	-0.0003	-0.0010	0.0073	-0.0022	0.0058	0.0022	0.0133
431	TEACHER-ART	51	0.0185	0.0165	0.0117	0.0263	0.0226	0.0219	0.0279	0.0298	0.0245	0.0348
432	TEACHER-MUSIC	58	0.0217	0.0214	0.0171	0.0426	0.0341	0.0231	0.0355	0.0326	0.0266	0.0273
433	TEACHER-SPEECH	4	0.0197	0.0030	0.0080	0.0156	0.0151	0.0060	0.0190	0.0152	0.0096	0.0163
440	TEACHER-HANDICAPPED	60	0.0105	0.0055	0.0119	0.0084	0.0108	0.0183	0.0205	0.0296	0.0099	0.0150
441	SPEECH THERAPIST	40	0.0285	0.0240	0.0108	0.0251	0.0285	0.0241	0.0308	0.0315	0.0202	0.0006
450	SCH ADM (EXC COLL)	9	-0.0049	0.0140	0.0058	0.0031	0.0030	0.0083	0.0061	0.0126	0.0035	-0.0009
460	COLL/UNIV TCHR (NEC)	90	0.0407	0.0353	0.0270	0.0405	0.0438	0.0359	0.0505	0.0551	0.0392	0.0416
461	COLL/UNIV TCHR-MATH	8	0.0261	0.0277	0.0114	0.0250	0.0194	0.0117	0.0274	0.0221	0.0189	0.0262
462	COLL/UNIV TCHR-SCI	20	0.0268	0.0272	0.0133	0.0344	0.0357	0.0285	0.0403	0.0385	0.0440	0.0355
463	COLL/UNIV TCHR-SOC SCI	25	0.0319	0.0189	0.0098	0.0309	0.0254	0.0299	0.0398	0.0396	0.0423	0.0389
464	COLL/UNIV TCHR-ENGLISH	49	0.0554	0.0548	0.0294	0.0580	0.0560	0.0496	0.0640	0.0564	0.0409	0.0403
465	COLL/UNIV TCHR-FOR LANG	21	0.0315	0.0248	0.0170	0.0310	0.0345	0.0251	0.0454	0.0327	0.0312	0.0252
470	COLL/UNIV TCHR-ADM	2	-0.0018	0.0066	0.0067	0.0037	0.0097	0.0043	0.0054	0.0046	0.0030	0.0060
511	LIBRARIAN	54	0.0203	0.0407	0.0184	0.0435	0.0308	0.0265	0.0493	0.0443	0.0270	0.0242

TABLE 4.4 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
				ENGLISH TEST								
			DISGUISED WORDS	SPELLING	CAPITALIZATION	PUNCTUATION	USAGE	EFFECT EXPRESS	WORD FN IN SENT	READING COMP	CREATIVITY	MECH REASONING
			R-220	R-231	R-232	R-233	R-234	R-235	R-240	R-250	R-260	R-270
521	CLERGYMAN	9	-0.0007	0.0121	0.0008	0.0045	-0.0061	-0.0057	-0.0055	0.0127	-0.0008	-0.0060
522	MONK, BROTHER, NUN	46	0.0171	0.0274	0.0200	0.0309	0.0285	0.0146	0.0396	0.0337	0.0328	0.0175
523	RELIG WRKR (OTHER)	35	-0.0030	-0.0015	-0.0073	0.0116	0.0009	0.0048	0.0208	0.0128	0.0021	0.0004
531	WRITER (NEC)	31	0.0214	0.0146	0.0112	0.0273	0.0212	0.0189	0.0321	0.0384	0.0242	0.0296
532	FICTION WRITER	3	0.0141	0.0008	0.0039	0.0045	0.0039	0.0091	-0.0042	0.0059	0.0148	0.0170
533	NONFIC WRTR (EXC JRNLST)	5	0.0097	-0.0023	0.0020	0.0003	0.0079	0.0058	0.0053	0.0107	0.0105	0.0150
534	JRNLST/RPRTER	20	0.0246	0.0216	0.0133	0.0215	0.0245	0.0215	0.0291	0.0284	0.0177	0.0087
536	PUBLISHER, ETC.	5	0.0108	0.0132	0.0060	0.0040	0.0104	0.0018	0.0097	0.0115	-0.0010	0.0051
537	EDITOR	6	0.0142	0.0221	0.0092	0.0162	0.0223	0.0228	0.0203	0.0205	0.0174	0.0042
539	TRNSLTR, INTRPRTR, LINGST	9	0.0244	0.0298	0.0116	0.0210	0.0260	0.0188	0.0176	0.0147	0.0214	0.0176
541	FINE ARTS	31	-0.0015	-0.0064	-0.0232	0.0094	0.0143	0.0044	0.0095	0.0108	0.0142	0.0192
545	COMM ARTIST	41	-0.0047	-0.0052	0.0032	0.0091	0.0075	0.0100	-0.0028	0.0051	-0.0054	0.0116
547	DESIGNER (CONS GDS)	5	-0.0032	-0.0065	0.0020	-0.0015	0.0054	0.0018	0.0136	0.0082	0.0143	0.0150
551	MUSICIAN	11	0.0202	0.0212	0.0118	0.0274	0.0194	0.0147	0.0207	0.0216	0.0116	0.0132
552	SINGER	5	0.0103	-0.0079	0.0006	-0.0015	0.0004	0.0118	-0.0107	-0.0032	-0.0000	-0.0079
559	MUSIC-REL (MISC)	9	0.0164	0.0034	0.0048	0.0065	0.0076	0.0113	0.0142	0.0132	0.0185	0.0243
560	DANCER, CHOREOG	14	0.0128	0.0157	0.0098	0.0049	0.0182	-0.0018	0.0039	0.0079	0.0017	0.0029
571	ACTOR	6	0.0111	-0.0028	0.0019	0.0081	0.0123	0.0019	-0.0001	0.0169	0.0096	0.0077
575	THEATRE (OTHER)	14	0.0231	0.0132	0.0058	0.0109	0.0123	0.0042	0.0058	0.0187	0.0040	0.0089
579	MISC PERF ARTS	3	0.0064	0.0044	0.0039	0.0069	0.0071	0.0039	0.0041	0.0021	0.0024	0.0055
581	MODEL	4	0.0016	0.0014	-0.0039	-0.0030	0.0012	-0.0029	-0.0053	0.0000	-0.0043	-0.0048
621	RECREATION DIR	12	0.0035	-0.0048	0.0062	0.0109	0.0069	0.0118	-0.0021	-0.0005	0.0030	0.0103
622	CMPNG, SCTNG, PRK GD	3	0.0002	-0.0029	0.0022	0.0045	0.0007	0.0091	0.0049	0.0122	0.0136	0.0209
639	FARMING (OTHER)	6	0.0052	-0.0053	0.0092	0.0022	-0.0070	-0.0017	-0.0088	-0.0041	-0.0061	0.0050
711A	BANKING & FINANCE, I	30	0.0041	-0.0074	-0.0121	-0.0207	-0.0152	-0.0038	-0.0085	-0.0142	0.0023	-0.0022
711B	BANKING & FINANCE, II	4	0.0088	-0.0017	0.0065	0.0073	0.0068	0.0105	0.0076	0.0051	0.0107	0.0152
712	INVSTMNT, STOCK CONSULT	2	-0.0061	-0.0001	0.0025	0.0023	0.0038	0.0011	-0.0058	0.0033	0.0091	-0.0050
716	CPA	25	0.0069	0.0170	0.0050	0.0160	0.0065	-0.0050	0.0081	0.0063	0.0029	0.0078
717	ACCTANT (EXC CPA)	50	-0.0040	-0.0211	0.0096	-0.0019	-0.0053	-0.0153	-0.0064	-0.0051	-0.0065	-0.0028
721	PURCHASING AGENT	4	-0.0038	0.0030	-0.0054	-0.0154	-0.0182	-0.0073	-0.0046	-0.0156	-0.0107	0.0052
722	RETAIL BUYER	24	-0.0115	-0.0068	0.0130	0.0125	-0.0049	0.0057	0.0110	0.0066	0.0218	0.0087
724	ADVERTISING	32	0.0199	0.0286	0.0095	0.0057	0.0084	0.0092	0.0103	0.0196	0.0090	0.0096
725	PUBLIC RELATIONS	16	0.0071	-0.0035	0.0086	0.0074	0.0011	0.0132	0.0055	0.0173	0.0069	0.0154
726	PERSONNEL ADMIN	25	0.0110	0.0233	0.0194	0.0326	0.0271	0.0227	0.0272	0.0216	0.0166	0.0171
727	APPRAISING, ESTIMATING	13	-0.0019	-0.0077	-0.0006	-0.0066	-0.0122	0.0041	-0.0085	0.0041	0.0017	-0.0040
728	LOAN/CREDIT INVESTIG	11	0.0006	-0.0045	0.0036	-0.0012	-0.0074	0.0053	-0.0012	0.0064	0.0077	0.0011
730	BUS MGMT ADM (NEC)	19	-0.0191	-0.0065	0.0040	-0.0165	-0.0134	-0.0099	-0.0176	-0.0124	-0.0182	-0.0168
732	WHSL/RET TRADE MGMT/MKTG	12	0.0059	-0.0085	-0.0033	0.0031	-0.0043	-0.0024	-0.0054	0.0019	0.0148	0.0167
738	SUPERVISOR IN BUS	8	0.0040	-0.0036	-0.0003	0.0096	-0.0042	0.0038	0.0107	0.0020	0.0083	0.0003
741	SALESCLERK	44	-0.0330	-0.0243	-0.0102	-0.0407	-0.0405	-0.0353	-0.0402	-0.0502	-0.0408	-0.0258
743	STOCKBROKER	4	0.0167	0.0077	0.0006	-0.0020	0.0137	0.0016	0.0033	0.0110	0.0096	0.0052
745	REAL ESTATE SLSMAN	6	0.0135	0.0037	0.0007	0.0005	0.0009	0.0056	0.0093	0.0042	0.0017	-0.0032
746	INSURANCE SLSMAN	5	-0.0043	0.0005	-0.0074	-0.0061	-0.0169	0.0038	-0.0107	-0.0176	-0.0115	-0.0059
748	OTHER SLSMAN (NEC)	13	0.0062	-0.0007	-0.0006	0.0072	0.0070	0.0016	0.0097	0.0049	0.0089	0.0021
749	SALES MGR	2	0.0033	0.0021	-0.0081	-0.0050	-0.0080	0.0011	-0.0047	0.0065	0.0030	-0.0050
751	BOOKKEEPER	131	-0.0199	-0.0263	-0.0099	-0.0193	-0.0276	-0.0191	-0.0274	-0.0284	-0.0174	-0.0263
752	TELLER OR BANK CLRK	37	-0.0098	-0.0013	0.0037	-0.0190	-0.0263	-0.0091	-0.0197	-0.0170	-0.0082	-0.0225
753	CASHIER	17	0.0079	0.0070	-0.0054	-0.0002	-0.0088	-0.0097	-0.0166	-0.0086	-0.0120	-0.0102
755	MISC ACCT RECDG	64	-0.0118	-0.0097	-0.0127	-0.0110	-0.0104	-0.0172	-0.0071	-0.0145	-0.0063	0.0019
756	KEYPUNCH OP	83	-0.0253	-0.0294	-0.0123	-0.0305	-0.0382	-0.0193	-0.0472	-0.0426	-0.0251	-0.0169
757	KEYPUNCH INSTRUC	4	-0.0026	-0.0144	0.0036	-0.0185	-0.0057	-0.0073	-0.0074	-0.0183	-0.0086	-0.0092
758	COMPUTER OP	65	-0.0284	-0.0287	-0.0234	-0.0306	-0.0333	-0.0336	-0.0330	-0.0414	-0.0272	-0.0250
761	SECRETARY (NEC)	997	0.0230	0.0402	0.0098	0.0098	0.0060	0.0191	-0.0236	-0.0206	-0.0206	-0.0418
762	SECRETARY-BOOKKEEPER	23	-0.0089	-0.0080	-0.0374	0.0061	-0.0129	-0.0130	-0.0051	-0.0030	0.0022	0.0031
763	MED/DENT SECRETARY	47	0.0135	0.0062	-0.0177	-0.0007	0.0004	-0.0070	0.0110	0.0028	-0.0016	-0.0088
764	LEGAL SECRETARY	61	0.0100	0.0211	0.0064	0.0089	0.0084	0.0056	-0.0078	-0.0075	0.0018	-0.0024
765	STENO, CRT RPRTR	69	0.0025	-0.0066	-0.0193	-0.0135	-0.0230	-0.0107	-0.0199	-0.0251	-0.0122	-0.0265
766	TYPIST, CLERK TYPIST	103	-0.0333	-0.0194	-0.0069	-0.0324	-0.0194	-0.0326	-0.0483	-0.0512	-0.0338	-0.0331
768	PROOFREADER	2	-0.0044	-0.0001	-0.0102	-0.0123	-0.0001	-0.0052	-0.0017	0.0078	-0.0091	-0.0034
769	CLERK (MISC)	137	-0.0418	-0.0336	-0.0198	-0.0368	-0.0397	-0.0355	-0.0395	-0.0557	-0.0361	-0.0294
771	OFFICE SUPERVISOR	14	0.0119	0.0048	-0.0037	-0.0100	-0.0062	-0.0054	-0.0164	-0.0066	-0.0063	-0.0042
772	OFFICE MGR	5	-0.0048	-0.0051	-0.0020	-0.0144	-0.0070	-0.0102	-0.0024	-0.0020	-0.0000	0.0110
781	PHONE, PBX OP	45	-0.0229	-0.0111	-0.0062	-0.0323	-0.0260	-0.0167	-0.0349	-0.0351	-0.0288	-0.0226
789	OTHER "PUB CONT" OCCS	58	-0.0012	-0.0052	-0.0156	-0.0204	-0.0273	-0.0063	-0.0187	-0.0202	-0.0145	-0.0125
791	RADIO, TELEGR, TTY OP	4	-0.0195	-0.0081	0.0021	-0.0144	-0.0043	-0.0051	-0.0039	-0.0188	-0.0204	-0.0092
797	MISC CLERICAL	12	-0.0316	-0.0212	-0.0224	-0.0201	-0.0275	-0.0166	-0.0257	-0.0270	-0.0229	-0.0109
798	MISC ADMINISTRATIVE	17	0.0100	0.0177	0.0070	0.0078	0.0135	0.0033	0.0128	0.0219	0.0010	0.0114
833	METAL TRADES	2	-0.0044	-0.0068	-0.0038	-0.0036	-0.0040	0.0043	-0.0068	-0.0058	0.0060	0.0045
861	PRINTING TRADES	6	0.0081	-0.0015	0.0056	0.0022	0.0032	0.0038	-0.0024	0.0038	0.0061	0.0077
864	DRAFTSMAN	4	-0.0020	-0.0002	0.0080	0.0135	-0.0071	0.0060	0.0133	0.0055	0.0150	0.0008
865	PHOTOGRAPHY	4	0.0034	-0.0002	0.0065	0.0001	0.0082	0.0083	0.0069	0.0069	0.0117	0.0141
866	INTERIOR DECORATOR	21	-0.0032	-0.0104	0.0019	0.0062	0.0066	-0.0071	0.0083	0.0119	0.0102	0.0174
867	LANDSCAPE ARCHIT	2	0.0050	0.0088	0.0025	0.0052	0.0038	0.0074	0.0104	0.0091	-0.0015	0.0170
868	CLTHNG & FASH TRADES	50	-0.0322	-0.0149	-0.0247	-0.0361	-0.0214	-0.0355	-0.0321	-0.0460	-0.0325	-0.0236
871	DIETITIAN	22	0.0093	0.0064	0.0122	0.0159	0.0132	0.0123	0.0208	0.0169	0.0159	0.0281
872	HOME ECONOMIST	30	0.0010	0.0030	0.0076	0.0201	0.0158	0.0060	0.0176	0.0155	0.0214	0.0149
873	AIRLN STEWRD, STEWRDESS	13	0.0018	-0.0042	0.0085	0.0020	0.0009	-0.0009	-0.0081	0.0051	-0.0048	-0.0090
881	FOOD & BEVERAGE PREP	5	-0.0333	-0.0348	-0.0154	-0.0237	-0.0157	-0.0302	-0.0305	-0.0344	-0.0230	-0.0098
891	MISC PERSONAL SERV	28	-0.0174	-0.0076	-0.0144	-0.0216	-0.0220	-0.0304	-0.0264	-0.0253	-0.0114	-0.0186
893	HAIRDRESSER	196	-0.0677	-0.0601	-0.0376	-0.0768	-0.0577	-0.0511	-0.0760	-0.0829	-0.0483	-0.0271
894	PRACTICAL NURSE	118	-0.0573	-0.0280	-0.0290	-0.0639	-0.0532	-0.0446	-0.0513	-0.0484	-0.0365	-0.0366
895	NURSES' AIDE	23	-0.0046	-0.0053	-0.0012	-0.0063	-0.0169	-0.0139	-0.0096	-0.0120	0.0013	0.0012
896	DOMESTIC SERVICE	4	-0.0098	-0.0128	-0.0009	-0.0061	-0.0127	-0.0073	-0.0139	-0.0018	-0.0054	-0.0137
899	GENERAL LABORER	76	-0.0554	-0.0486	-0.0416	-0.0661	-0.0544	-0.0629	-0.0630	-0.0781	-0.0441	-0.0394

TABLE 4.4 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
						MATH TEST						
			VIS IN 2-DIM	VIS IN 3-DIM	ABSTRACT REAS	ARITH REASONING	INTRO HS MATH	ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION
			R-281	R-282	R-290	R-311	R-312	R-333	F-410	F-420	F-430	F-440
000	NO ANSWER	1639	-0.0713	-0.0833	-0.1163	-0.1309	-0.1302	-0.1032	-0.0937	-0.0346	-0.0494	-0.0532
001	DON'T KNOW	262	-0.0079	0.0016	-0.0165	-0.0056	0.0028	0.0211	-0.0191	-0.0251	-0.0073	-0.0334
010	HOUSEWIFE	4695	-0.0087	-0.0508	-0.0700	-0.1099	-0.1859	-0.1622	-0.0456	0.0293	-0.0099	0.0091
020	NO SPEC INCOME JOB	14	-0.0165	-0.0150	-0.0132	-0.0123	-0.0117	-0.0037	-0.0250	-0.0305	-0.0122	-0.0187
101	EXECUTIVE (NEC)	2	0.0103	-0.0020	0.0005	-0.0004	-0.0093	-0.0008	-0.0007	-0.0055	-0.0083	-0.0044
102	FOREMAN (NEC)	3	0.0026	-0.0032	-0.0115	-0.0066	0.0049	0.0035	-0.0090	0.0009	0.0231	0.0090
111	WORK FOR GOVT (NEC)	30	-0.0020	-0.0062	-0.0228	-0.0063	-0.0007	-0.0036	-0.0071	-0.0169	0.0000	-0.0076
112	IN BUS FOR SELF (NEC)	18	-0.0137	0.0046	0.0035	0.0021	-0.0017	-0.0016	-0.0079	-0.0016	-0.0057	-0.0098
120	IND, BUS, COMM	35	-0.0053	-0.0147	-0.0224	-0.0201	-0.0129	-0.0041	-0.0116	-0.0067	-0.0103	-0.0086
121	RETAIL (NEC)	7	0.0088	-0.0091	0.0020	-0.0003	0.0036	-0.0032	-0.0014	-0.0025	0.0007	-0.0160
122	TRANSPORTATION (NEC)	5	-0.0042	0.0033	-0.0019	-0.0054	0.0065	-0.0033	0.0056	0.0124	-0.0024	0.0047
123	REAL ESTATE (NEC)	2	0.0007	-0.0075	0.0005	-0.0070	-0.0025	-0.0030	-0.0072	0.0050	0.0109	-0.0060
124	INSURANCE (NEC)	13	0.0036	0.0077	-0.0013	-0.0020	-0.0078	0.0044	-0.0113	0.0005	0.0082	0.0089
125	ELECTRONICS (NEC)	3	-0.0199	-0.0107	-0.0098	-0.0147	-0.0026	-0.0054	-0.0004	-0.0040	-0.0107	-0.0067
140	"WRK WTH PEOPLE" (NEC)	8	-0.0001	0.0081	-0.0012	-0.0066	0.0019	0.0050	-0.0072	-0.0054	-0.0160	-0.0012
141	"WRK WITH CHILDR" (NEC)	14	-0.0061	-0.0080	-0.0292	-0.0205	-0.0280	-0.0137	-0.0496	0.0123	-0.0285	-0.0160
150	RESEARCH	6	0.0068	0.0105	0.0069	0.0147	0.0291	0.0252	0.0170	-0.0074	0.0096	0.0035
211	MATH, STAT	8	0.0105	0.0202	0.0200	0.0166	0.0393	0.0522	0.0138	0.0066	0.0137	0.0024
212	OTHER STATISTICS	5	0.0106	0.0221	0.0128	0.0304	0.0410	0.0397	0.0203	-0.0023	0.0012	0.0052
221	SYSTEMS ANALYST	8	0.0233	0.0313	0.0231	0.0308	0.0427	0.0544	0.0187	0.0051	-0.0016	0.0100
222	COMPUTER PROGRAMMER	43	0.0188	0.0265	0.0299	0.0341	0.0526	0.0683	0.0175	-0.0016	0.0018	0.0068
229	COMPUTER SPEC (NEC)	7	0.0071	0.0296	0.0246	0.0281	0.0278	0.0284	0.0104	0.0075	0.0043	0.0184
231	CHEMIST	25	0.0258	0.0353	0.0244	0.0444	0.0756	0.0646	0.0295	0.0080	0.0130	0.0134
234	GEOLOGIST	2	0.0167	0.0147	0.0005	0.0112	0.0123	0.0190	0.0018	0.0140	-0.0052	0.0116
243	CIVIL ENGINEER	2	0.0146	0.0166	0.0131	0.0195	0.0236	0.0299	0.0145	0.0027	0.0048	0.0076
245	CHEM ENGINEER	2	0.0135	0.0184	0.0195	0.0179	0.0202	0.0321	0.0102	-0.0018	0.0112	-0.0068
299	PHYS SCI, LAB TECH	23	0.0129	0.0128	0.0184	0.0210	0.0353	0.0352	-0.0042	0.0022	-0.0074	0.0091
310	BIOLOGIST, ZOOLOGIST	14	0.0188	0.0193	0.0236	0.0291	0.0334	0.0294	0.0120	0.0064	0.0147	0.0150
314	WLDLF/FOREST SPEC	2	0.0167	0.0184	0.0047	0.0179	0.0225	0.0343	0.0040	-0.0018	-0.0012	0.0036
315	PHARMACOLOGIST	2	0.0103	0.0166	0.0026	0.0079	0.0146	0.0102	0.0058	0.0027	0.0102	0.0108
316	MICROBIOLOGIST	15	0.0257	0.0282	0.0267	0.0265	0.0403	0.0455	0.0137	0.0064	-0.0051	0.0105
317	BIOCHEMIST	7	0.0173	0.0186	0.0201	0.0299	0.0418	0.0460	0.0022	0.0015	-0.0063	0.0046
319	OTHER CHEM SCI	8	0.0116	0.0220	0.0157	0.0183	0.0331	0.0379	0.0109	-0.0028	-0.0051	0.0060
329	MD-OTHER	19	0.0226	0.0274	0.0330	0.0406	0.0578	0.0677	0.0239	-0.0067	0.0199	0.0148
333	VETERINARIAN	4	0.0123	0.0156	0.0111	0.0112	0.0142	0.0097	0.0016	-0.0089	-0.0105	-0.0068
335	PHARMACIST	16	0.0130	0.0187	0.0140	0.0253	0.0412	0.0350	0.0175	0.0027	-0.0071	0.0022
337	RN	703	0.0262	0.0526	0.0626	0.0816	0.1121	0.0719	0.0557	0.0030	0.0172	0.0266
341	DENTAL HYGIENIST	28	0.0108	0.0070	0.0176	0.0150	0.0129	0.0100	-0.0037	0.0016	0.0010	0.0165
343	PHYS THERAPIST	16	0.0100	0.0187	0.0305	0.0095	0.0247	0.0249	0.0139	0.0022	0.0018	0.0068
344	OCCUP THERAPIST	13	0.0152	0.0121	0.0095	0.0137	0.0224	0.0217	0.0190	0.0179	0.0025	0.0152
346	SPEC THERAPIST (MISC)	19	0.0040	-0.0052	0.0103	0.0061	0.0176	0.0100	0.0087	0.0006	-0.0032	-0.0085
347	MED/DENT TECHNOL	101	0.0179	0.0270	0.0319	0.0458	0.0695	0.0509	0.0230	0.0047	0.0098	0.0176
348	MED/DENT TECHNICIAN	134	0.0033	-0.0044	-0.0074	-0.0106	-0.0097	-0.0040	-0.0112	-0.0087	-0.0149	0.0069
360	PSYCHOLOGIST	37	0.0114	0.0107	0.0320	0.0310	0.0497	0.0515	0.0179	0.0132	0.0164	0.0170
369	PSYCH RES ASST	2	0.0156	0.0092	0.0110	0.0079	0.0009	0.0036	0.0120	0.0072	-0.0079	0.0092
370	SOCIAL WORKER	190	0.0190	0.0087	0.0272	0.0462	0.0552	0.0383	0.0067	-0.0021	-0.0028	0.0032
371	PSYCHIATRIC SOC WRKR	18	0.0079	0.0046	0.0169	0.0187	0.0263	0.0276	0.0010	-0.0006	0.0029	0.0071
372	COUNSELING/GUIDANCE	16	0.0051	0.0023	0.0095	0.0224	0.0283	0.0242	0.0066	0.0011	0.0175	0.0130
373	VOC/ED GUIDANCE	32	0.0152	0.0121	0.0198	0.0246	0.0393	0.0364	0.0203	0.0000	0.0063	0.0046
382	ECONOMIST	4	0.0101	0.0103	0.0096	0.0171	0.0214	0.0222	0.0182	0.0023	0.0064	0.0051
383	SOCIOLOGIST	2	0.0018	-0.0057	0.0068	0.0112	0.0112	0.0168	0.0018	0.0140	-0.0221	0.0044
384	ANTHROPOLOGIST	5	0.0019	0.0163	0.0141	0.0136	0.0201	0.0161	0.0141	-0.0033	-0.0001	0.0057
389	SOCIAL SCI (MISC)	7	0.0099	0.0028	0.0144	0.0050	0.0096	0.0073	0.0131	0.0007	0.0185	-0.0031
391	POLITICIAN	2	-0.0205	-0.0057	0.0110	0.0112	-0.0036	0.0058	0.0098	0.0042	-0.0012	0.0060
392	DIPLOMAT	8	0.0153	0.0193	0.0094	0.0158	0.0206	0.0193	0.0053	-0.0028	0.0036	-0.0008
393	LAWYER	13	0.0102	0.0077	0.0194	0.0260	0.0220	0.0131	0.0064	-0.0007	0.0116	0.0089
397	PUBLIC ADM (NEC)	2	0.0029	-0.0001	-0.0017	0.0096	0.0100	0.0124	0.0127	0.0050	0.0116	0.0044
400	TEACHER (NEC)	1194	0.0247	0.0473	0.0871	0.1099	0.1618	0.1229	0.0718	0.0281	0.0301	0.0359
410	TCHNG YNG CHILDR	7	0.0071	0.0008	0.0031	0.0148	0.0266	0.0155	0.0098	0.0019	0.0011	-0.0014
411	TCHNG PRESCH CHILDR	37	0.0017	0.0116	0.0094	0.0140	0.0252	0.0244	0.0092	-0.0041	-0.0077	0.0062
412	TEACHER-ELEM	752	0.0073	0.0287	0.0568	0.0622	0.0894	0.0766	0.0437	-0.0095	0.0094	0.0120
420	TEACHER-HS (NEC)	89	-0.0008	0.0143	0.0269	0.0432	0.0583	0.0520	0.0273	-0.0002	0.0046	-0.0129
421	TEACHER-HS MATH	62	0.0435	0.0598	0.0543	0.0689	0.1135	0.1184	0.0533	0.0039	0.0081	0.0275
422	TEACHER-HS SCI	41	0.0076	0.0163	0.0170	0.0248	0.0389	0.0413	0.0156	0.0101	0.0125	0.0069
423	TEACHER-HS SOC ST	68	-0.0055	0.0012	0.0154	0.0237	0.0312	0.0274	0.0165	-0.0124	-0.0019	-0.0129
424	TEACHER-ENGLISH	150	0.0148	0.0221	0.0403	0.0576	0.0661	0.0611	0.0268	-0.0061	0.0128	0.0150
425	TEACHER-FOREIGN LANG	58	0.0058	0.0287	0.0347	0.0442	0.0659	0.0541	0.0301	0.0117	0.0151	0.0025
426	TEACHER-COMM ED	50	0.0031	0.0002	0.0120	0.0263	0.0140	0.0057	0.0073	0.0041	0.0107	-0.0037
427	TEACHER-HS HOME EC	63	0.0105	0.0381	0.0135	0.0163	0.0187	0.0138	0.0114	-0.0000	-0.0018	-0.0064
428	TEACHER-TRADES	2	0.0103	0.0055	0.0047	-0.0021	-0.0059	0.0014	-0.0022	-0.0003	0.0045	0.0004
429	TEACHER-PHYS ED	44	0.0171	0.0205	0.0148	-0.0008	0.0081	-0.0009	0.0129	-0.0086	0.0061	0.0008
431	TEACHER-ART	51	0.0105	0.0399	0.0229	0.0166	0.0257	0.0271	0.0115	0.0018	0.0085	0.0219
432	TEACHER-MUSIC	58	0.0129	0.0325	0.0387	0.0337	0.0340	0.0264	0.0150	-0.0068	0.0177	0.0088
433	TEACHER-SPEECH	4	0.0063	0.0077	0.0036	0.0206	0.0118	0.0159	0.0028	0.0001	0.0078	0.0045
440	TEACHER-HANDICAPPED	60	-0.0066	0.0167	0.0149	0.0185	0.0263	0.0282	0.0057	-0.0003	0.0057	-0.0057
441	SPEECH THERAPIST	40	0.0019	-0.0072	0.0234	0.0228	0.0291	0.0289	0.0069	-0.0005	0.0027	-0.0047
450	SCH ADM (EXC COLL)	9	-0.0034	-0.0046	-0.0010	0.0105	0.0132	0.0082	0.0080	-0.0009	-0.0053	-0.0033
460	COLL/UNIV TCHR (NEC)	90	0.0106	0.0328	0.0379	0.0552	0.0657	0.0475	0.0144	-0.0027	0.0171	0.0136
461	COLL/UNIV TCHR-MATH	8	0.0243	0.0304	0.0242	0.0308	0.0444	0.0467	0.0200	0.0148	0.0166	0.0229
462	COLL/UNIV TCHR-SCI	20	0.0158	0.0337	0.0302	0.0382	0.0615	0.0572	0.0170	-0.0037	-0.0001	0.0086
463	COLL/UNIV TCHR-SOC SCI	25	0.0213	0.0248	0.0286	0.0407	0.0560	0.0602	0.0236	-0.0075	0.0044	0.0096
464	COLL/UNIV TCHR-ENGLISH	49	0.0177	0.0284	0.0391	0.0510	0.0696	0.0700	0.0233	0.0043	0.0166	0.0024
465	COLL/UNIV TCHR-FOR LANG	21	0.0060	0.0220	0.0230	0.0426	0.0472	0.0452	0.0230	-0.0002	0.0020	0.0030
470	COLL/UNIV TCHR-ADM	2	0.0050	0.0073	0.0110	0.0129	0.0112	0.0014	0.0083	0.0110	-0.0059	0.0052
511	LIBRARIAN	54	0.0178	0.0194	0.0366	0.0399	0.0510	0.0420	0.0341	0.0024	0.0042	-0.0015

TABLE 4.4 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
						MATH TEST						
			VIS IN 2-DIM	VIS IN 3-DIM	ABSTRACT REAS	ARITH REASONING	INTRO HS MATH	ADVANCED MATH	ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION
			R-281	R-282	R-290	R-311	R-312	R-333	F-410	F-420	F-430	F-440
521	CLERGYMAN	8	0.0073	-0.0039	-0.0128	-0.0025	-0.0015	0.0083	0.0007	-0.0002	-0.0068	-0.0057
522	MONK, BROTHER, NUN	46	0.0233	0.0119	0.0234	0.0328	0.0403	0.0374	0.0250	0.0007	0.0217	0.0082
523	RELIG WRKR (OTHER)	36	0.0102	0.0105	0.0099	0.0026	0.0056	-0.0002	-0.0070	-0.0038	-0.0001	-0.0090
531	WRITER (NEC)	31	0.0046	0.0165	0.0158	0.0252	0.0277	0.0156	0.0005	-0.0163	0.0053	0.0011
532	FICTION WRITER	3	0.0113	0.0029	0.0126	0.0110	0.0141	0.0286	0.0028	-0.0009	0.0058	0.0116
533	NONFIC WRTR (EXC JRNLST)	5	-0.0035	-0.0002	-0.0006	0.0010	0.0151	0.0189	0.0054	-0.0142	0.0005	-0.0050
534	JRNLST/RPRTER	20	0.0037	0.0043	0.0115	0.0182	0.0188	0.0121	0.0038	-0.0023	0.0127	0.0028
536	PUBLISHER, ETC.	5	0.0113	-0.0061	0.0168	0.0062	0.0173	0.0092	0.0010	0.0171	0.0086	0.0159
537	EDITOR	8	0.0047	0.0035	0.0104	0.0150	0.0229	0.0335	0.0163	0.0025	0.0045	0.0048
539	TRNSLTR, INTRPRTR, LINGST	9	0.0196	0.0164	0.0199	0.0160	0.0293	0.0247	0.0162	0.0072	0.0119	-0.0037
541	FINE ARTS	31	0.0216	0.0316	0.0158	0.0003	0.0115	0.0145	-0.0075	-0.0045	-0.0086	0.0181
545	COMM ARTIST	41	0.0048	0.0110	0.0227	-0.0152	-0.0110	0.0054	-0.0117	-0.0112	-0.0093	0.0087
547	DESIGNER (CONS GDS)	5	0.0119	0.0268	0.0101	0.0136	0.0123	0.0119	-0.0095	-0.0071	-0.0059	0.0108
551	MUSICIAN	11	-0.0037	0.0045	0.0128	0.0207	0.0153	0.0070	0.0029	0.0112	-0.0150	-0.0018
552	SINGER	5	0.0066	-0.0061	-0.0100	-0.0138	-0.0007	-0.0047	-0.0019	-0.0066	0.0173	0.0011
559	MUSIC-REL (MISC)	9	0.0006	0.0173	0.0209	0.0105	0.0084	0.0061	0.0076	0.0051	0.0051	0.0141
560	DANCER, CHOREOG	14	0.0024	0.0004	0.0084	0.0059	0.0072	0.0120	0.0091	0.0115	0.0086	0.0053
571	ACTOR	6	0.0025	-0.0023	0.0069	-0.0016	-0.0036	-0.0026	-0.0048	-0.0122	-0.0081	0.0114
575	THEATRE ((OTHER)	14	-0.0028	-0.0003	0.0140	0.0052	0.0115	0.0170	0.0036	0.0027	0.0095	0.0108
579	MISC PERF ARTS	3	-0.0052	0.0044	-0.0081	0.0002	0.0030	0.0053	0.0037	-0.0016	0.0028	0.0011
581	MODEL	4	0.0108	-0.0041	-0.0038	0.0065	-0.0019	-0.0073	0.0033	0.0203	0.0030	0.0170
621	RECREATION DIR	12	0.0057	0.0012	0.0063	0.0065	0.0097	0.0026	0.0040	-0.0043	-0.0091	0.0019
622	CMPNG, SCTNG, PRK GD	3	-0.0034	0.0059	0.0075	-0.0039	0.0076	0.0035	-0.0007	-0.0034	-0.0030	-0.0002
639	FARMING (OTHER)	6	-0.0091	-0.0013	0.0069	-0.0026	-0.0069	-0.0102	-0.0004	-0.0061	-0.0027	0.0025
711A	BANKING & FINANCE, I	30	-0.0084	-0.0072	-0.0042	0.0010	-0.0125	-0.0218	-0.0029	-0.0040	-0.0036	0.0003
711B	BANKING & FINANCE, II	4	0.0116	0.0143	0.0096	0.0065	0.0086	0.0128	0.0064	-0.0009	-0.0017	0.0045
712	INVSTMNT, STOCK CONSULT	2	0.0007	-0.0020	-0.0080	-0.0021	-0.0025	0.0014	0.0047	-0.0048	-0.0002	-0.0044
716	CPA	25	0.0123	0.0112	0.0190	0.0280	0.0220	0.0137	0.0054	-0.0146	0.0079	0.0052
717	ACCTANT (EXC CPA)	50	0.0050	0.0031	0.0057	0.0057	-0.0076	-0.0083	-0.0040	-0.0095	0.0096	-0.0147
721	PURCHASING AGENT	4	-0.0042	0.0090	0.0007	-0.0170	-0.0155	-0.0104	-0.0136	0.0070	-0.0003	0.0068
722	RETAIL BUYER	24	-0.0014	0.0066	0.0089	0.0063	0.0138	0.0087	0.0080	-0.0012	0.0096	0.0020
724	ADVERTISING	32	-0.0010	0.0084	0.0114	0.0184	0.0058	-0.0070	0.0021	-0.0077	0.0032	0.0056
725	PUBLIC RELATIONS	16	-0.0001	0.0049	0.0065	0.0136	0.0019	0.0125	-0.0101	-0.0002	-0.0010	-0.0066
726	PERSONNEL ADMIN	25	0.0192	0.0238	0.0106	0.0308	0.0351	0.0354	0.0203	0.0031	0.0032	0.0055
727	APPRAISING, ESTIMATING	13	-0.0043	-0.0098	-0.0046	0.0039	-0.0069	-0.0024	-0.0002	0.0005	-0.0026	-0.0056
728	LOAN/CREDIT INVESTIG	11	0.0099	-0.0003	0.0065	0.0037	-0.0094	-0.0135	0.0001	0.0058	0.0100	0.0085
730	BUS MGMT ADM (NEC)	19	-0.0087	-0.0100	-0.0102	-0.0198	-0.0059	-0.0006	-0.0103	-0.0042	0.0032	0.0054
732	WHSL/RET TRADE MGMT/MKTG	12	0.0144	0.0156	0.0080	0.0112	0.0102	0.0124	0.0099	0.0122	0.0024	0.0032
738	SUPERVISOR IN BUS	8	0.0020	0.0063	0.0020	0.0009	0.0030	0.0050	0.0076	-0.0020	0.0018	0.0080
741	SALESCLERK	34	-0.0346	-0.0311	-0.0397	-0.0391	-0.0421	-0.0256	-0.0173	-0.0131	-0.0165	-0.0226
743	STOCKBROKER	4	0.0132	-0.0041	0.0096	0.0100	0.0246	0.0159	0.0095	0.0224	0.0178	0.0222
745	REAL ESTATE SLSMAN	6	0.0050	-0.0002	0.0081	0.0099	0.0023	0.0050	-0.0033	-0.0052	-0.0040	-0.0100
746	INSURANCE SLSMAN	5	-0.0008	0.0010	-0.0033	0.0083	-0.0057	-0.0061	-0.0035	-0.0047	0.0067	-0.0050
748	OTHER SLSMAN (NEC)	13	0.0198	0.0063	0.0086	-0.0000	0.0037	-0.0007	0.0179	-0.0039	0.0073	0.0111
749	SALES MGR	2	-0.0099	-0.0057	-0.0207	0.0029	-0.0059	0.0058	0.0058	0.0035	0.0085	0.0028
751	BOOKKEEPER	131	-0.0041	-0.0141	-0.0170	-0.0074	-0.0284	-0.0332	0.0014	0.0017	0.0004	-0.0072
752	TELLER OR BANK CLRK	37	-0.0168	-0.0186	-0.0152	-0.0174	-0.0181	-0.0154	-0.0040	0.0072	0.0114	0.0011
753	CASHIER	17	-0.0077	-0.0086	-0.0204	-0.0163	-0.0187	-0.0125	0.0032	-0.0005	-0.0084	-0.0088
755	MISC ACCT RECDG	64	0.0110	0.0056	0.0007	-0.0087	-0.0087	0.0002	0.0019	0.0071	0.0023	0.0098
756	KEYPUNCH OP	83	-0.0028	-0.0265	-0.0240	-0.0420	-0.0430	-0.0425	-0.0288	-0.0086	-0.0150	-0.0068
757	KEYPUNCH INSTRUC	4	0.0011	-0.0107	0.0007	-0.0158	-0.0099	0.0004	-0.0095	0.0261	0.0083	-0.0091
758	COMPUTER OP	65	-0.0168	-0.0170	-0.0357	-0.0371	-0.0253	-0.0109	-0.0296	0.0098	-0.0069	-0.0077
761	SECRETARY (NEC)	997	-0.0140	-0.0413	-0.0201	-0.0287	-0.0887	-0.0930	0.0151	-0.0004	0.0074	-0.0234
762	SECRETARY-BOOKKEEPEP	23	-0.0059	0.0078	-0.0022	0.0033	-0.0075	-0.0166	0.0122	0.0033	0.0100	-0.0136
763	MED/DENT SECRETARY	47	-0.0111	-0.0032	0.0027	-0.0059	-0.0118	-0.0154	0.0005	0.0040	0.0049	0.0168
764	LEGAL SECRETARY	61	0.0070	-0.0155	-0.0047	0.0082	-0.0170	-0.0149	0.0065	0.0093	0.0042	0.0008
765	STENO, CRT RPRTR	69	-0.0184	-0.0114	-0.0153	-0.0223	-0.0347	-0.0310	-0.0144	-0.0045	-0.0004	0.0119
766	TYPIST, CLERK TYPIST	103	-0.0191	-0.0278	-0.0339	-0.0436	-0.0389	-0.0368	-0.0092	0.0007	0.0044	-0.0161
768	PROOFREADER	2	0.0082	-0.0001	0.0005	-0.0021	-0.0081	0.0014	0.0004	0.0155	0.0042	-0.0133
769	CLERK (MISC)	137	-0.0191	-0.0251	-0.0447	-0.0362	-0.0504	-0.0389	-0.0241	0.0031	-0.0078	-0.0123
771	OFFICE SUPERVISOR	14	-0.0113	-0.0003	-0.0036	0.0059	-0.0220	-0.0203	-0.0081	0.0067	0.0077	0.0050
772	OFFICE MGR	5	0.0072	0.0069	0.0061	0.0020	0.0001	-0.0089	0.0031	-0.0033	-0.0080	-0.0035
781	PHONE, PBX OP	45	-0.0171	-0.0197	-0.0264	-0.0364	-0.0317	-0.0211	-0.0369	0.0150	-0.0088	-0.0131
789	OTHER "PUB CONT" OCCS	58	-0.0080	-0.0196	-0.0199	-0.0173	-0.0259	-0.0279	-0.0279	-0.0020	-0.0113	-0.0168
791	RADIO, TELEGR, TTY OP	4	0.0011	-0.0054	0.0051	-0.0064	-0.0091	-0.0089	0.0008	-0.0014	-0.0022	-0.0057
797	MISC CLERICAL	12	-0.0216	-0.0139	-0.0248	-0.0308	-0.0222	-0.0163	-0.0173	-0.0114	-0.0072	-0.0096
798	MISC ADMINISTRATIVE	17	-0.0011	0.0079	0.0224	0.0157	0.0109	0.0101	0.0119	0.0002	0.0148	0.0053
833	METAL TRADES	2	0.0124	0.0017	-0.0122	0.0013	-0.0081	-0.0074	0.0033	0.0110	-0.0026	0.0044
861	PRINTING TRADES	6	0.0087	0.0234	0.0008	-0.0026	0.0003	-0.0052	0.0115	-0.0035	0.0113	0.0095
864	DRAFTSMAN	4	0.0048	0.0169	0.0111	0.0077	0.0094	0.0082	0.0087	0.0012	-0.0046	-0.0023
865	PHOTOGRAPHY	4	0.0078	0.0012	0.0021	-0.0017	0.0037	0.0035	-0.0005	-0.0036	-0.0005	0.0108
866	INTERIOR DECORATOR	21	-0.0035	0.0191	0.0178	-0.0021	-0.0004	0.0005	0.0024	-0.0025	0.0045	0.0119
867	LANDSCAPE ARCHIT	2	0.0124	0.0203	0.0131	0.0096	0.0100	0.0124	0.0065	0.0012	0.0005	0.0084
868	CLTHNG & FASH TRADES	50	-0.0097	-0.0032	-0.0282	-0.0359	-0.0255	-0.0255	-0.0268	-0.0086	-0.0034	-0.0101
871	DIETITIAN	22	0.0121	0.0321	0.0226	0.0197	0.0261	0.0206	0.0139	0.0018	0.0053	0.0013
872	HOME ECONOMIST	30	0.0062	0.0216	0.0247	0.0255	0.0271	0.0225	0.0061	-0.0014	0.0010	-0.0037
873	AIRLN STEWRD, STEWRDESS	13	-0.0135	-0.0017	-0.0030	-0.0157	-0.0110	-0.0067	0.0022	-0.0010	0.0056	-0.0044
881	FOOD & BEVERAGE PREP	5	-0.0069	-0.0154	-0.0260	-0.0169	-0.0186	-0.0186	-0.0118	-0.0052	-0.0190	-0.0096
891	MISC PERSONAL SERV	28	-0.0157	-0.0133	-0.0209	-0.0210	-0.0302	-0.0159	-0.0192	-0.0125	-0.0184	-0.0149
893	HAIRDRESSER	196	-0.0083	-0.0304	-0.0479	-0.0639	-0.0771	-0.0574	-0.0511	-0.0077	-0.0106	-0.0074
894	PRACTICAL NURSE	118	-0.0292	-0.0314	-0.0501	-0.0436	-0.0472	-0.0376	-0.0468	-0.0223	-0.0307	-0.0358
895	NURSES' AIDE	23	0.0044	-0.0004	-0.0103	-0.0119	-0.0035	-0.0075	-0.0091	-0.0091	-0.0144	-0.0001
896	DOMESTIC SERVICE	4	-0.0110	-0.0080	-0.0083	-0.0100	-0.0067	-0.0011	-0.0066	-0.0067	-0.0117	-0.0034
899	GENERAL LABORER	76	-0.0343	-0.0475	-0.0814	-0.0716	-0.0484	-0.0352	-0.0668	-0.0097	-0.0265	-0.0255

TABLE 4.4 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
								INTEREST INVENTORY				
			ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH	BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE
			A-410	A-420	A-430	A-440	A-500	P-701	P-702	P-703	P-704	P-705
000	NO ANSWER	1639	-0.0946	-0.0237	-0.0189	-0.0418	-0.0012	-0.0396	-0.0275	-0.0147	-0.0478	-0.0226
001	DON'T KNOW	262	-0.0111	-0.0090	-0.0007	-0.0249	-0.0153	-0.0013	-0.0146	0.0064	0.0081	-0.0498
010	HOUSEWIFE	4695	-0.0622	-0.0056	-0.0174	0.0126	0.0150	-0.1730	-0.1887	-0.1240	-0.1694	-0.0994
020	NO SPEC INCOME JOB	14	-0.0132	0.0090	0.0024	-0.0040	0.0083	-0.0104	-0.0161	0.0030	-0.0054	-0.0088
101	EXECUTIVE (NEC)	2	-0.0049	0.0008	-0.0028	-0.0036	-0.0076	0.0072	0.0030	-0.0073	-0.0005	0.0002
102	FOREMAN (NEC)	3	-0.0068	0.0007	0.0282	0.0104	0.0015	0.0068	0.0111	-0.0136	-0.0124	-0.0014
111	WORK FOR GOVT (NEC)	30	-0.0032	-0.0024	-0.0041	-0.0006	-0.0004	0.0095	-0.0035	0.0109	0.0075	-0.0008
112	IN BUS FOR SELF (NEC)	18	0.0044	-0.0030	-0.0092	-0.0135	-0.0105	0.0126	0.0030	0.0010	0.0115	-0.0127
120	IND, BUS, COMM	35	-0.0136	-0.0007	0.0114	-0.0062	-0.0087	-0.0000	-0.0048	0.0029	-0.0106	0.0137
121	RETAIL (NEC)	7	-0.0047	-0.0038	-0.0020	-0.0082	0.0008	-0.0111	-0.0036	0.0039	0.0162	-0.0096
122	TRANSPORTATION (NEC)	5	0.0047	0.0106	-0.0061	-0.0002	0.0077	0.0014	-0.0035	-0.0002	-0.0014	-0.0055
123	REAL ESTATE (NEC)	2	-0.0087	0.0008	0.0063	-0.0002	0.0242	0.0128	0.0035	0.0055	-0.0011	0.0002
124	INSURANCE (NEC)	13	-0.0068	-0.0030	0.0006	0.0074	0.0099	0.0066	-0.0038	-0.0001	-0.0024	-0.0115
125	ELECTRONICS (NEC)	5	-0.0083	-0.0078	-0.0141	-0.0066	-0.0041	0.0028	0.0045	0.0082	0.0060	0.0104
140	"WRK WTH PEOPLE" (NEC)	8	-0.0123	-0.0099	-0.0215	-0.0033	-0.0055	-0.0021	-0.0024	0.0054	0.0090	0.0041
141	"WRK WITH CHILDR" (NEC)	14	-0.0139	0.0133	0.0248	0.0042	-0.0010	0.0081	0.0071	0.0057	0.0065	0.0160
150	RESEARCH	6	0.0229	0.0010	0.0059	0.0057	0.0067	0.0285	0.0173	-0.0029	-0.0061	-0.0010
211	MATH, STAT	8	0.0139	0.0066	0.0144	0.0040	-0.0122	0.0360	0.0210	0.0039	0.0052	-0.0067
212	OTHER STATISTICS	5	0.0236	0.0082	-0.0014	0.0014	0.0061	0.0319	0.0057	0.0138	0.0088	-0.0004
221	SYSTEMS ANALYST	8	0.0261	0.0118	0.0050	0.0079	-0.0170	0.0398	0.0086	0.0000	-0.0023	-0.0083
222	COMPUTER PROGRAMMER	43	0.0271	0.0063	0.0034	0.0038	-0.0045	0.0578	0.0080	0.0187	0.0027	-0.0132
229	COMPUTER SPEC (NEC)	7	0.0103	0.0062	-0.0039	0.0141	0.0025	0.0296	0.0165	0.0080	0.0027	0.0011
231	CHEMIST	25	0.0382	0.0103	0.0023	0.0120	0.0011	0.0774	0.0364	0.0202	0.0172	-0.0133
234	GEOLOGIST	2	0.0020	0.0128	-0.0024	0.0120	-0.0025	0.0197	0.0105	0.0163	0.0157	-0.0014
241	CIVIL ENGINEER	2	0.0163	0.0046	0.0037	0.0059	0.0032	0.0211	0.0035	0.0102	0.0066	-0.0102
245	CHEM ENGINEER	2	0.0113	-0.0014	0.0050	-0.0080	0.0083	0.0330	0.0196	0.0132	0.0086	0.0026
299	PHYS SCI, LAB TECH	23	0.0138	0.0023	0.0022	0.0135	-0.0113	0.0456	0.0353	0.0052	0.0038	-0.0119
310	BIOLOGIST, ZOOLOGIST	14	0.0052	0.0045	0.0123	0.0114	0.0026	0.0327	0.0481	-0.0124	0.0039	-0.0115
314	WLDLF/FOREST SPEC	2	0.0007	-0.0059	-0.0024	0.0016	-0.0070	0.0155	0.0159	-0.0063	0.0027	-0.0054
315	PHARMACOLOGIST	2	0.0063	0.0091	0.0037	0.0094	0.0273	0.0232	0.0121	0.0112	0.0105	-0.0038
316	MICROBIOLOGIST	15	0.0104	0.0126	0.0042	0.0103	-0.0012	0.0585	0.0396	0.0274	0.0148	-0.0092
317	BIOCHEMIST	7	0.0057	-0.0006	0.0029	0.0002	-0.0019	0.0446	0.0237	0.0031	0.0124	-0.0135
319	OTHER CHEM SCI	8	0.0139	0.0002	0.0039	0.0045	0.0015	0.0318	0.0293	0.0159	0.0029	-0.0035
329	MD-OTHER	19	0.0245	-0.0024	0.0071	0.0141	0.0016	0.0481	0.0575	0.0210	0.0189	0.0040
333	VETERINARIAN	4	-0.0008	-0.0105	-0.0037	-0.0082	-0.0119	0.0200	0.0232	-0.0045	0.0107	-0.0082
335	PHARMACIST	16	0.0179	0.0021	-0.0097	-0.0053	-0.0050	0.0395	0.0394	0.0098	0.0048	0.0023
337	RN	703	0.0496	0.0006	-0.0101	0.0155	-0.0107	0.1161	0.2581	0.0140	0.0184	0.0715
341	DENTAL HYGIENIST	28	0.0205	0.0010	-0.0042	0.0184	-0.0002	0.0104	0.0416	0.0105	-0.0018	0.0081
343	PHYS THERAPIST	16	0.0100	0.0027	-0.0025	0.0137	-0.0110	0.0077	0.0301	-0.0036	-0.0082	-0.0008
344	OCCUP THERAPIST	13	0.0170	0.0173	0.0097	0.0176	-0.0020	0.0211	0.0338	0.0079	0.0176	0.0196
346	SPEC THERAPIST (MISC)	19	0.0121	0.0078	0.0031	0.0043	-0.0004	0.0238	0.0275	0.0081	0.0252	0.0133
347	MED/DENT TECHNOL	101	0.0354	0.0019	0.0086	0.0174	0.0005	0.0773	0.0890	0.0209	0.0238	0.0023
348	MED/DENT TECHNICIAN	134	-0.0112	-0.0129	-0.0001	0.0057	0.0071	0.0284	0.0623	0.0005	-0.0078	0.0050
360	PSYCHOLOGIST	37	0.0129	0.0135	0.0097	0.0126	-0.0083	0.0238	0.0278	0.0154	0.0360	-0.0088
369	PSYCH RES ASST	2	0.0169	0.0076	0.0115	0.0076	0.0001	0.0086	-0.0035	-0.0037	0.0079	0.0074
370	SOCIAL WORKER	190	0.0090	0.0070	0.0158	0.0009	-0.0055	0.0255	0.0266	0.0392	0.0535	0.0250
371	PSYCHIATRIC SOC WRKR	18	0.0007	-0.0030	-0.0005	0.0076	-0.0038	0.0057	0.0206	0.0157	0.0184	-0.0049
372	COUNSELING/GUIDANCE	16	0.0142	0.0011	0.0197	0.0094	0.0045	0.0067	0.0080	0.0126	0.0219	0.0046
373	VOC/ED GUIDANCE	32	0.0227	0.0079	0.0092	0.0091	-0.0015	0.0194	0.0182	0.0183	0.0252	0.0139
382	ECONOMIST	4	0.0209	-0.0004	0.0095	0.0108	-0.0085	0.0235	0.0073	0.0093	0.0107	-0.0217
383	SOCIOLOGIST	2	0.0020	0.0158	-0.0050	0.0007	0.0046	-0.0026	-0.0024	0.0040	0.0137	-0.0038
384	ANTHROPOLOGIST	5	0.0092	-0.0060	-0.0053	0.0009	0.0046	0.0239	0.0285	0.0131	0.0117	-0.0100
389	SOCIAL SCI (MISC)	7	0.0137	0.0026	0.0163	-0.0008	0.0099	0.0035	0.0056	0.0322	0.0324	0.0113
391	POLITICIAN	2	0.0082	0.0031	-0.0059	0.0042	-0.0013	0.0002	0.0094	0.0040	0.0034	0.0010
392	DIPLOMAT	8	0.0042	-0.0021	0.0039	0.0075	-0.0052	0.0192	0.0140	0.0126	0.0145	-0.0344
393	LAWYER	13	0.0030	0.0011	0.0071	0.0061	-0.0081	0.0072	-0.0070	0.0110	0.0179	-0.0112
397	PUBLIC ADM (NEC)	2	0.0132	0.0053	0.0072	0.0024	-0.0005	0.0051	-0.0051	0.0122	0.0092	0.0010
400	TEACHER (NEC)	1134	0.1000	0.0293	0.0177	0.0248	-0.0123	0.0693	0.0586	0.0918	0.1183	0.1178
410	TCHNG YNG CHILDR	7	-0.0000	0.0030	0.0059	0.0011	-0.0004	0.0069	0.0143	0.0011	0.0062	0.0118
411	TCHNG PRESCH CHILDR	37	-0.0049	-0.0069	-0.0064	0.0042	0.0178	0.0046	0.0093	0.0009	0.0061	0.0098
412	TEACHER-ELEM	752	0.0379	0.0007	0.0089	0.0075	-0.0173	0.0272	0.0362	0.0421	0.0835	0.1192
420	TEACHER-HS (NEC)	89	0.0417	0.0016	0.0039	-0.0195	-0.0065	0.0360	0.0122	0.0321	0.0421	0.0158
421	TEACHER-HS MATH	62	0.0560	0.0111	-0.0051	0.0258	-0.0010	0.0867	0.0209	0.0217	0.0103	0.0278
422	TEACHER-HS SCI	41	0.0192	0.0162	0.0096	0.0064	-0.0031	0.0668	0.0664	0.0177	0.0339	0.0264
423	TEACHER-HS SOC ST	68	0.0185	-0.0090	-0.0007	-0.0051	-0.0044	0.0147	0.0141	0.0407	0.0543	0.0176
424	TEACHER-ENGLISH	152	0.0217	-0.0071	-0.0007	0.0065	-0.0049	0.0227	0.0181	0.0418	0.0879	0.0435
425	TEACHER-FOREIGN LANG	58	0.0283	0.0131	0.0067	-0.0055	-0.0179	0.0280	0.0211	0.0247	0.0489	0.0178
426	TEACHER-COMM ED	50	0.0257	0.0092	0.0021	-0.0062	0.0121	0.0013	-0.0179	-0.0043	0.0029	0.0088
427	TEACHER-HS HOME EC	63	0.0028	-0.0059	-0.0158	-0.0037	0.0001	0.0049	-0.0093	-0.0052	0.0052	0.0057
428	TEACHER-TRADES	2	-0.0049	-0.0029	0.0102	0.0016	0.0072	-0.0089	-0.0003	0.0004	-0.0069	-0.0054
429	TEACHER-PHYS ED	44	0.0071	0.0033	0.0036	-0.0015	0.0040	0.0156	0.0146	-0.0038	0.0001	0.0202
431	TEACHER-ART	51	-0.0020	-0.0019	0.0005	0.0159	-0.0134	-0.0075	-0.0031	-0.0128	0.0312	0.0016
432	TEACHER-MUSIC	59	0.0153	0.0005	0.0010	-0.0000	-0.0123	0.0071	0.0141	0.0059	0.0288	0.0312
433	TEACHER-SPEECH	4	0.0032	-0.0036	0.0040	0.0041	0.0200	-0.0091	-0.0102	0.0045	0.0130	-0.0031
440	TEACHER-HANDICAPPED	60	0.0193	0.0092	0.0022	-0.0073	-0.0040	0.0163	0.0318	0.0200	0.0307	0.0412
441	SPEECH THERAPIST	40	0.0011	-0.0003	-0.0002	-0.0046	-0.0062	0.0144	0.0240	0.0168	0.0334	0.0209
450	SCH ADM (EXC COLL)	9	0.0077	0.0016	0.0062	0.0001	0.0258	0.0203	0.0205	0.0201	0.0134	0.0165
460	COLL/UNIV TCHR (NEC)	90	0.0315	0.0083	0.0192	0.0139	0.0076	0.0658	0.0615	0.0423	0.0616	0.0157
461	COLL/UNIV TCHR-MATH	8	0.0308	0.0111	0.0128	0.0235	-0.0008	0.0259	-0.0010	0.0051	0.0100	0.0057
462	COLL/UNIV TCHR-SCI	20	0.0216	0.0003	-0.0044	0.0031	-0.0034	0.0607	0.0412	0.0068	0.0291	-0.0208
463	COLL/UNIV TCHR-SOC SCI	25	0.0265	0.0033	0.0075	0.0048	-0.0021	0.0361	0.0382	0.0396	0.0494	-0.0025
464	COLL/UNIV TCHR-ENGLISH	49	0.0333	0.0175	0.0087	0.0047	-0.0065	0.0303	0.0262	0.0367	0.0673	0.0119
465	COLL/UNIV TCHR-FOR LANG	21	0.0274	0.0026	-0.0051	0.0008	-0.0081	0.0287	0.0168	0.0047	0.0374	0.0028
470	COLL/UNIV TCHR-ADM	2	0.0057	0.0038	-0.0050	0.0033	-0.0067	-0.0012	0.0030	0.0060	0.0034	0.0050
511	LIBRARIAN	54	0.0275	-0.0079	-0.0059	-0.0056	-0.0061	0.0256	0.0044	0.0213	0.0494	0.0064

TABLE 4.4 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
								INTEREST INVENTORY				
			ARITH COMPUT	TABLE READING	CLERICAL CHECKING	OBJECT INSPECTION	PREFERENCES	PHYS SCI, ENG, MATH	BIOL SCI & MED	PUBLIC SERVICE	LITERARY-LING	SOCIAL SERVICE
			A-410	A-420	A-430	A-440	A-500	P-701	P-702	P-703	P-704	P-705
521	CLERGYMAN	8	-0.0061	-0.0009	0.0026	-0.0064	-0.0065	-0.0101	-0.0134	-0.0080	0.0129	0.0093
522	MONK, BROTHER, NUN	46	0.0227	0.0053	0.0074	0.0014	0.0059	0.0383	0.0186	0.0164	0.0279	0.0491
523	RELIG WRKR (OTHER)	36	-0.0113	-0.0062	-0.0098	-0.0129	-0.0096	0.0032	0.0063	-0.0111	0.0050	0.0123
531	WRITER (NEC)	31	-0.0026	-0.0082	-0.0033	-0.0033	-0.0162	0.0169	-0.0011	0.0238	0.0427	-0.0071
532	FICTION WRITER	3	0.0055	0.0124	0.0143	0.0104	0.0075	0.0188	0.0181	0.0011	0.0155	0.0052
533	NONFIC WRTR (EXC JRNLST)	5	0.0059	-0.0112	-0.0103	-0.0052	0.0028	0.0288	0.0200	0.0076	0.0215	0.0143
534	JRNLST/RPRTER	20	0.0013	-0.0045	0.0083	-0.0021	0.0114	-0.0034	-0.0083	0.0072	0.0350	-0.0135
536	PUBLISHER, ETC.	5	0.0031	0.0125	0.0170	0.0118	-0.0083	0.0155	0.0057	0.0089	0.0080	0.0001
537	EDITOR	8	0.0120	0.0039	-0.0002	0.0014	0.0057	0.0175	0.0097	0.0075	0.0262	0.0005
539	TRNSLTR, INTRPRTR, LINGST	9	0.0124	0.0027	0.0043	-0.0069	0.0027	0.0312	0.0111	0.0184	0.0265	0.0018
541	FINE ARTS	31	0.0034	0.0055	-0.0031	0.0199	-0.0003	0.0079	0.0075	0.0050	0.0218	-0.0431
545	COMM ARTIST	41	-0.0249	-0.0200	-0.0071	0.0029	-0.0106	-0.0005	0.0089	-0.0023	0.0053	-0.0252
547	DESIGNER (CONS GDS)	5	-0.0151	-0.0089	-0.0033	0.0107	-0.0067	0.0071	0.0125	-0.0025	0.0101	-0.0070
551	MUSICIAN	11	0.0001	0.0079	-0.0083	-0.0033	-0.0108	-0.0066	-0.0134	-0.0115	0.0131	-0.0136
552	SINGER	5	0.0027	-0.0103	0.0250	0.0091	0.0046	0.0001	0.0033	0.0125	0.0060	0.0158
559	MUSIC-REL (MISC)	9	0.0095	0.0034	0.0012	0.0132	-0.0010	0.0177	0.0119	0.0022	0.0171	0.0112
560	DANCER, CHOREOG	14	0.0040	0.0085	0.0017	0.0016	0.0066	-0.0011	-0.0019	0.0032	0.0019	0.0024
571	ACTOR	6	-0.0103	-0.0063	0.0011	0.0092	0.0136	-0.0138	-0.0026	-0.0053	0.0066	-0.0338
575	THEATRE ((OTHER)	14	-0.0026	-0.0009	0.0029	0.0120	0.0100	-0.0098	0.0026	0.0032	0.0239	-0.0251
579	MISC PERF ARTS	3	-0.0012	-0.0029	-0.0052	-0.0009	0.0034	-0.0052	-0.0038	0.0045	0.0123	0.0026
581	MODEL	4	-0.0065	0.0155	-0.0022	0.0212	-0.0051	0.0037	-0.0042	0.0045	0.0075	-0.0200
621	RECREATION DIR	12	0.0010	-0.0047	-0.0132	-0.0014	0.0143	0.0030	0.0194	0.0007	0.0022	0.0078
622	CMPNG, SCTNG, PRK GD	3	-0.0007	-0.0060	-0.0113	0.0033	0.0020	0.0022	0.0111	-0.0027	0.0055	-0.0027
639	FARMING (OTHER)	5	-0.0085	-0.0063	-0.0019	0.0007	-0.0010	-0.0017	-0.0063	0.0016	0.0029	-0.0125
711A	BANKING & FINANCE, I	30	-0.0024	-0.0066	-0.0029	-0.0037	0.0023	-0.0026	-0.0110	-0.0067	-0.0184	-0.0018
711B	BANKING & FINANCE, II	9	0.0041	0.0007	-0.0046	0.0004	-0.0001	0.0101	0.0019	0.0111	0.0030	-0.0036
712	INVSTMNT, STOCK CONSULT	2	0.0020	-0.0044	-0.0081	-0.0088	0.0065	-0.0026	0.0003	0.0066	-0.0005	-0.0174
716	CPA	25	0.0249	0.0095	0.0065	0.0026	0.0071	0.0138	-0.0082	0.0163	0.0037	-0.0043
717	ACCTANT (EXC CPA)	50	-0.0023	-0.0100	0.0034	-0.0166	-0.0097	-0.0027	-0.0171	-0.0067	-0.0280	-0.0293
721	PURCHASING AGENT	4	-0.0109	0.0001	-0.0015	0.0077	-0.0019	-0.0032	-0.0042	-0.0100	-0.0107	-0.0053
722	RETAIL BUYER	24	0.0046	-0.0029	0.0030	0.0017	0.0075	0.0032	-0.0034	0.0122	0.0009	-0.0145
724	ADVERTISING	32	-0.0048	-0.0096	0.0009	0.0002	-0.0032	-0.0014	0.0014	0.0238	0.0310	-0.0087
725	PUBLIC RELATIONS	16	-0.0172	-0.0088	-0.0049	-0.0099	-0.0089	0.0106	0.0050	0.0246	0.0231	-0.0002
726	PERSONNEL ADMIN	25	0.0230	0.0067	-0.0030	0.0044	-0.0035	0.0171	0.0121	0.0125	0.0263	0.0005
727	APPRAISING, ESTIMATING	13	-0.0004	-0.0012	-0.0038	-0.0075	-0.0013	-0.0120	-0.0093	-0.0009	-0.0044	-0.0055
728	LOAN/CREDIT INVESTIG	11	0.0059	0.0121	0.0084	0.0159	0.0036	0.0104	0.0148	0.0015	0.0048	0.0024
730	BUS MGMT ADM (NEC)	19	-0.0067	0.0030	0.0041	0.0046	-0.0028	0.0052	-0.0037	0.0113	0.0093	0.0047
732	WHSL/RET TRADE MGMT/MKTG	12	0.0081	0.0272	0.0110	0.0134	0.0076	0.0113	0.0088	0.0102	0.0028	-0.0086
738	SUPERVISOR IN BUS	8	0.0058	0.0032	0.0111	0.0110	0.0059	0.0161	0.0129	0.0103	0.0026	0.0037
741	SALESCLERK	34	-0.0183	-0.0127	-0.0197	-0.0166	-0.0035	-0.0194	-0.0193	-0.0136	-0.0258	-0.0051
743	STOCKBROKER	4	0.0235	0.0261	0.0157	0.0243	0.0100	0.0047	0.0179	-0.0002	0.0048	0.0094
745	REAL ESTATE SLSMAN	6	-0.0006	-0.0011	0.0124	0.0062	0.0002	0.0124	0.0076	0.0200	0.0189	-0.0075
746	INSURANCE SLSMAN	5	-0.0032	-0.0046	0.0013	-0.0063	-0.0004	-0.0066	-0.0150	-0.0132	-0.0063	-0.0176
748	OTHER SLSMAN (NEC)	13	0.0150	0.0008	0.0104	0.0044	-0.0033	-0.0071	-0.0133	-0.0038	-0.0062	-0.0024
749	SALES MGR	2	0.0038	-0.0037	0.0085	0.0007	0.0004	-0.0033	0.0132	0.0138	-0.0031	-0.0062
751	BOOKKEEPER	131	-0.0079	0.0029	-0.0005	-0.0049	0.0120	-0.0159	-0.0446	-0.0138	-0.0412	-0.0334
752	TELLER OR BANK CLRK	37	-0.0055	0.0055	0.0078	0.0044	0.0056	-0.0213	-0.0216	-0.0082	-0.0145	-0.0026
753	CASHIER	17	-0.0048	-0.0064	-0.0017	-0.0135	0.0023	-0.0051	-0.0074	0.0032	-0.0048	0.0093
755	MISC ACCT RECDG	54	-0.0078	0.0012	-0.0011	0.0165	-0.0017	0.0040	-0.0121	-0.0047	-0.0137	-0.0124
756	KEYPUNCH OP	83	-0.0379	-0.0118	-0.0029	-0.0032	-0.0039	-0.0289	-0.0333	-0.0145	-0.0285	-0.0184
757	KEYPUNCH INSTRUC	4	-0.0144	0.0160	0.0071	-0.0119	-0.0027	-0.0086	-0.0053	-0.0002	-0.0135	-0.0036
758	COMPUTER OP	65	-0.0156	0.0054	-0.0043	0.0043	0.0070	-0.0199	-0.0213	-0.0105	-0.0208	-0.0086
761	SECRETARY (NEC)	997	-0.0052	-0.0081	0.0066	-0.0188	0.0158	-0.0733	-0.0817	-0.0280	-0.0380	-0.0304
762	SECRETARY-BOOKKEEPER	23	0.0059	0.0012	0.0002	-0.0161	-0.0044	-0.0170	-0.0299	-0.0117	-0.0240	-0.0064
763	MED/DENT SECRETARY	47	-0.0022	0.0084	-0.0015	0.0186	0.0046	-0.0058	0.0124	-0.0069	-0.0095	-0.0091
764	LEGAL SECRETARY	61	0.0005	0.0095	0.0039	-0.0026	0.0043	-0.0030	-0.0066	0.0211	0.0168	0.0146
765	STENO, CRT RPRTR	69	-0.0057	0.0036	0.0081	0.0088	0.0157	-0.0145	-0.0127	-0.0122	-0.0054	-0.0057
766	TYPIST, CLERK TYPIST	103	-0.0233	-0.0018	0.0040	-0.0113	0.0054	-0.0260	-0.0300	-0.0241	-0.0336	-0.0312
768	PROOFREADER	2	-0.0055	0.0098	0.0028	-0.0132	-0.0056	0.0016	-0.0003	0.0122	0.0002	-0.0014
769	CLERK (MISC)	137	-0.0237	0.0053	-0.0031	-0.0153	0.0050	-0.0316	-0.0457	-0.0259	-0.0307	-0.0287
771	OFFICE SUPERVISOR	14	0.0019	0.0048	0.0098	0.0058	-0.0130	-0.0112	-0.0171	0.0071	0.0021	0.0042
772	OFFICE MGR	5	-0.0028	-0.0070	-0.0023	-0.0068	0.0032	-0.0013	0.0013	-0.0035	-0.0059	-0.0130
781	PHONE, PBX OP	45	-0.0344	0.0210	-0.0004	-0.0172	-0.0013	-0.0090	-0.0116	-0.0121	-0.0179	-0.0150
789	OTHER "PUB CONT" OCCS	58	-0.0196	-0.0012	-0.0097	-0.0121	0.0013	-0.0132	-0.0101	-0.0001	-0.0055	-0.0131
791	RADIO, TELEGR, TTY OP	4	-0.0039	-0.0030	-0.0052	-0.0082	-0.0097	0.0047	-0.0026	-0.0082	-0.0148	-0.0070
797	MISC CLERICAL	12	-0.0276	-0.0129	0.0078	-0.0103	-0.0068	-0.0081	-0.0144	-0.0066	-0.0096	-0.0148
798	MISC ADMINISTRATIVE	17	0.0085	-0.0015	0.0176	-0.0002	-0.0088	0.0078	-0.0004	0.0162	0.0120	-0.0206
833	METAL TRADES	2	0.0045	0.0068	0.0081	0.0024	-0.0036	-0.0019	-0.0148	-0.0063	-0.0095	0.0010
861	PRINTING TRADES	6	0.0092	-0.0003	0.0052	0.0042	-0.0026	-0.0049	-0.0160	-0.0121	-0.0049	-0.0116
864	DRAFTSMAN	4	0.0045	0.0028	-0.0071	-0.0045	-0.0021	0.0086	0.0042	-0.0024	0.0071	-0.0155
865	PHOTOGRAPHY	4	-0.0025	-0.0052	-0.0105	0.0120	0.0011	-0.0017	-0.0102	-0.0038	-0.0089	-0.0167
866	INTERIOR DECORATOR	21	0.0089	-0.0011	-0.0014	0.0073	-0.0041	0.0205	0.0048	0.0218	0.0171	-0.0142
867	LANDSCAPE ARCHIT	2	0.0051	0.0001	-0.0002	0.0085	-0.0027	0.0148	0.0030	-0.0032	-0.0031	-0.0182
868	CLTHNG & FASH TRADES	50	-0.0236	-0.0043	0.0001	-0.0037	0.0041	-0.0100	-0.0220	-0.0145	-0.0166	-0.0248
871	DIETITIAN	22	0.0118	-0.0020	0.0010	0.0000	-0.0034	0.0261	0.0303	0.0180	0.0093	0.0111
872	HOME ECONOMIST	30	0.0105	-0.0012	0.0035	-0.0062	-0.0098	0.0112	0.0085	0.0036	0.0046	0.0143
873	AIRLN STEWRD, STEWRDESS	13	-0.0060	-0.0051	-0.0007	-0.0062	-0.0125	-0.0115	-0.0139	-0.0001	-0.0006	-0.0033
881	FOOD & BEVERAGE PREP	5	-0.0222	-0.0108	-0.0287	-0.0112	-0.0007	-0.0044	-0.0058	-0.0152	-0.0197	-0.0166
891	MISC PERSONAL SERV	28	-0.0195	-0.0171	-0.0148	-0.0177	0.0013	-0.0208	-0.0206	-0.0197	-0.0246	-0.0270
893	HAIRDRESSER	196	-0.0465	-0.0077	-0.0028	-0.0051	0.0043	-0.0466	-0.0392	-0.0345	-0.0577	-0.0435
894	PRACTICAL NURSE	118	-0.0444	-0.0132	-0.0185	-0.0303	0.0107	0.0125	0.0442	-0.0199	-0.0170	0.0153
895	NURSES' AIDE	23	-0.0005	-0.0094	-0.0057	0.0010	0.0097	0.0094	0.0220	-0.0073	0.0015	-0.0000
896	DOMESTIC SERVICE	4	-0.0096	-0.0041	-0.0065	-0.0033	0.0066	-0.0052	-0.0015	-0.0075	-0.0125	-0.0019
899	GENERAL LABORER	76	-0.0370	0.0006	0.0062	-0.0131	0.0306	-0.0128	-0.0201	-0.0121	-0.0297	-0.0079

TABLE 4.4 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INTEREST INVENTORY (CONTD.)									
			ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION	OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES
			P-706	P-707	P-708	P-709	P-710	P-711	P-712	P-713	P-714	P-715
000	NO ANSWER	1639	-0.0397	-0.0547	-0.0233	-0.0077	-0.0151	0.0055	0.0019	0.0392	0.0060	0.0279
001	DON'T KNOW	262	0.0058	0.0053	-0.0205	-0.0057	-0.0179	-0.0120	-0.0208	-0.0295	0.0042	-0.0028
010	HOUSEWIFE	4695	-0.0956	-0.1355	-0.0738	-0.0400	-0.0476	0.0035	0.0479	0.1745	-0.0533	0.0047
020	NO SPEC INCOME JOB	14	-0.0185	-0.0090	-0.0156	-0.0064	-0.0032	0.0087	-0.0038	0.0088	0.0009	0.0077
101	EXECUTIVE (NEC)	2	-0.0017	-0.0045	0.0047	0.0093	0.0068	0.0004	0.0088	0.0132	-0.0002	0.0033
102	FOREMAN (NEC)	3	-0.0100	-0.0088	0.0105	0.0152	-0.0191	-0.0054	-0.0172	-0.0248	0.0101	0.0071
111	WORK FOR GOVT (NEC)	30	-0.0053	0.0180	-0.0002	0.0063	0.0119	0.0032	0.0080	0.0037	0.0064	-0.0000
112	IN BUS FOR SELF (NEC)	18	0.0194	0.0048	-0.0063	0.0068	0.0079	0.0081	-0.0008	-0.0015	0.0049	0.0006
120	IND, BUS, COMM	35	-0.0046	-0.0040	0.0037	-0.0009	0.0127	0.0004	0.0110	0.0205	0.0017	0.0084
121	RETAIL (NEC)	7	0.0224	0.0116	-0.0020	-0.0101	0.0083	0.0122	-0.0232	-0.0180	-0.0114	-0.0086
122	TRANSPORTATION (NEC)	5	-0.0063	-0.0129	0.0084	0.0000	-0.0063	-0.0039	0.0096	-0.0043	0.0106	0.0123
123	REAL ESTATE (NEC)	2	-0.0017	-0.0035	0.0047	-0.0046	0.0012	-0.0035	0.0100	-0.0005	0.0053	-0.0103
124	INSURANCE (NEC)	13	0.0060	0.0084	-0.0112	0.0023	0.0090	-0.0003	0.0124	0.0116	0.0003	-0.0044
125	ELECTRONICS (NEC)	3	0.0071	-0.0005	-0.0061	-0.0004	0.0058	0.0138	0.0113	0.0137	0.0057	0.0011
140	"WRK WTH PEOPLE" (NEC)	8	0.0041	-0.0011	-0.0064	0.0093	0.0047	0.0076	-0.0080	-0.0090	0.0006	0.0109
141	"WRK WITH CHILDR" (NEC)	14	-0.0007	0.0004	-0.0007	0.0061	0.0060	0.0131	0.0063	0.0067	0.0245	0.0307
150	RESEARCH	6	0.0040	-0.0107	0.0070	0.0098	-0.0001	-0.0091	-0.0049	-0.0177	0.0174	0.0034
211	MATH, STAT	8	0.0053	0.0039	0.0121	0.0160	0.0001	-0.0077	0.0082	-0.0046	0.0119	-0.0048
212	OTHER STATISTICS	5	0.0089	0.0204	-0.0068	-0.0175	0.0159	0.0093	0.0226	-0.0119	0.0043	0.0003
221	SYSTEMS ANALYST	8	-0.0009	0.0082	-0.0011	-0.0113	-0.0033	0.0057	0.0135	-0.0150	0.0091	-0.0085
222	COMPUTER PROGRAMMER	45	0.0020	0.0109	0.0095	0.0015	0.0198	0.0021	0.0409	-0.0043	0.0166	-0.0043
229	COMPUTER SPEC (NEC)	7	0.0019	-0.0008	0.0056	0.0105	0.0079	-0.0028	0.0015	-0.0203	0.0176	0.0021
231	CHEMIST	25	0.0185	-0.0001	0.0056	0.0082	0.0023	-0.0129	0.0149	-0.0363	0.0237	-0.0174
234	GEOLOGIST	2	0.0198	0.0137	0.0077	0.0124	0.0142	0.0232	-0.0049	-0.0153	0.0080	-0.0071
241	CIVIL ENGINEER	2	0.0064	0.0036	0.0041	0.0057	0.0119	-0.0009	0.0094	-0.0071	0.0170	0.0086
245	CHEM ENGINEER	2	0.0047	0.0026	0.0010	0.0077	0.0096	-0.0061	0.0107	-0.0148	0.0179	-0.0061
299	PHYS SCI, LAB TECH	23	0.0077	0.0009	-0.0010	0.0017	-0.0014	-0.0051	0.0105	-0.0306	0.0250	-0.0083
310	BIOLOGIST, ZOOLOGIST	14	0.0022	0.0122	-0.0063	0.0098	-0.0332	-0.0284	-0.0276	-0.0487	0.0095	-0.0102
314	WLDLF/FOREST SPEC	2	0.0076	0.0006	-0.0058	0.0026	-0.0163	-0.0094	-0.0124	-0.0131	0.0251	0.0065
315	PHARMACOLOGIST	2	0.0134	0.0168	0.0139	0.0216	-0.0110	-0.0179	-0.0037	-0.0109	0.0206	-0.0019
316	MICROBIOLOGIST	15	0.0132	0.0204	0.0174	0.0108	0.0100	0.0065	0.0100	-0.0215	0.0348	0.0140
317	BIOCHEMIST	7	0.0097	0.0143	0.0099	0.0188	-0.0088	-0.0101	0.0098	-0.0200	0.0122	-0.0136
319	OTHER CHEM SCI	8	0.0003	0.0065	0.0019	0.0013	-0.0087	-0.0097	-0.0024	-0.0260	0.0236	0.0025
329	MD-OTHER	19	0.0112	0.0190	0.0021	0.0146	-0.0003	-0.0170	-0.0206	-0.0460	0.0130	-0.0167
333	VETERINARIAN	4	0.0082	0.0058	0.0083	0.0157	-0.0086	-0.0096	-0.0109	-0.0260	0.0183	0.0055
335	PHARMACIST	16	0.0039	0.0052	0.0004	0.0066	-0.0066	-0.0063	0.0075	-0.0257	0.0030	-0.0105
337	RN	703	-0.0075	0.0326	0.0513	0.0419	-0.0387	-0.0597	-0.0634	-0.1214	0.0467	0.0097
341	DENTAL HYGIENIST	28	0.0114	0.0054	0.0081	0.0166	0.0085	0.0020	-0.0224	-0.0178	0.0006	-0.0076
343	PHYS THERAPIST	16	0.0025	0.0095	0.0223	0.0146	-0.0101	-0.0079	-0.0159	-0.0220	-0.0027	-0.0113
344	OCCUP THERAPIST	13	0.0265	0.0189	0.0065	0.0025	0.0012	0.0099	-0.0096	-0.0134	0.0251	0.0223
346	SPEC THERAPIST (MISC)	19	0.0225	0.0202	0.0137	0.0029	0.0170	0.0050	-0.0061	-0.0221	-0.0005	-0.0065
347	MED/DENT TECHNOL	101	0.0222	0.0150	0.0039	0.0070	-0.0031	-0.0160	0.0004	-0.0365	0.0400	-0.0011
348	MED/DENT TECHNICIAN	134	-0.0038	-0.0071	0.0035	0.0073	-0.0080	0.0008	-0.0011	-0.0197	0.0142	-0.0033
360	PSYCHOLOGIST	37	0.0273	0.0173	-0.0128	0.0029	-0.0037	-0.0078	-0.0286	-0.0540	-0.0100	-0.0264
369	PSYCH RES ASST	2	0.0087	0.0087	0.0071	0.0026	0.0020	-0.0048	-0.0124	-0.0109	0.0080	0.0075
370	SOCIAL WORKER	190	0.0272	0.0293	0.0142	0.0070	0.0097	0.0023	-0.0293	-0.0619	0.0011	-0.0136
371	PSYCHIATRIC SOC WRKR	18	0.0099	0.0140	0.0050	0.0131	-0.0015	-0.0097	-0.0229	-0.0352	-0.0089	-0.0179
372	COUNSELING/GUIDANCE	16	0.0142	0.0127	0.0014	0.0039	0.0204	0.0043	-0.0091	-0.0242	0.0002	0.0002
373	VOC/ED GUIDANCE	32	0.0123	0.0207	0.0090	0.0105	0.0179	0.0135	-0.0008	-0.0214	-0.0013	-0.0123
382	ECONOMIST	4	0.0066	0.0026	-0.0043	-0.0058	0.0119	-0.0064	0.0063	-0.0132	0.0132	-0.0027
383	SOCIOLOGIST	2	0.0058	0.0066	-0.0138	0.0005	0.0042	-0.0042	-0.0155	-0.0164	-0.0110	-0.0113
384	ANTHROPOLOGIST	5	0.0184	0.0147	-0.0092	0.0186	-0.0107	-0.0188	-0.0176	-0.0272	0.0032	-0.0162
389	SOCIAL SCI (MISC)	7	0.0162	0.0268	-0.0023	0.0050	0.0169	0.0185	-0.0115	-0.0259	-0.0114	-0.0153
391	POLITICIAN	2	0.0052	-0.0015	0.0090	-0.0031	-0.0049	0.0023	-0.0118	-0.0115	-0.0047	-0.0019
392	DIPLOMAT	8	0.0105	0.0077	0.0059	0.0204	-0.0018	0.0011	-0.0127	-0.0255	0.0064	-0.0038
393	LAWYER	13	0.0112	0.0108	0.0026	-0.0109	-0.0029	-0.0057	-0.0057	-0.0317	-0.0128	-0.0221
397	PUBLIC ADM (NEC)	2	0.0023	0.0006	0.0071	-0.0010	0.0088	0.0050	0.0051	-0.0093	-0.0038	-0.0113
400	TEACHER (NEC)	1194	0.0554	0.0753	0.0626	0.0271	0.0513	0.0196	-0.0264	-0.1060	0.0022	-0.0107
410	TCHNG YNG CHILDR	7	-0.0016	0.0116	0.0079	-0.0052	-0.0055	-0.0017	0.0038	-0.0212	-0.0066	-0.0181
411	TCHNG PRESCH CHILDR	37	0.0054	0.0094	0.0071	0.0069	-0.0105	-0.0114	-0.0221	-0.0361	-0.0049	-0.0099
412	TEACHER-ELEM	752	0.0610	0.0704	0.0343	0.0159	0.0380	0.0352	-0.0194	-0.0568	-0.0077	0.0011
420	TEACHER-HS (NEC)	89	0.0142	0.0301	0.0137	0.0119	0.0136	-0.0014	-0.0083	-0.0247	0.0135	-0.0059
421	TEACHER-HS MATH	62	0.0105	0.0094	0.0228	0.0017	-0.0021	-0.0017	0.0558	-0.0098	0.0321	-0.0009
422	TEACHER-HS SCI	41	0.0182	0.0301	0.0192	0.0207	0.0012	0.0042	0.0013	-0.0292	0.0352	0.0002
423	TEACHER-HS SOC ST	68	0.0299	0.0291	0.0199	0.0032	0.0234	0.0120	-0.0351	-0.0477	-0.0055	-0.0154
424	TEACHER-ENGLISH	150	0.0362	0.0533	0.0183	0.0066	0.0277	0.0022	-0.0360	-0.0569	-0.0076	-0.0193
425	TEACHER-FOREIGN LANG	58	0.0353	0.0360	0.0070	0.0136	0.0059	0.0094	-0.0100	-0.0317	0.0072	0.0044
426	TEACHER-COMM ED	50	-0.0095	0.0029	0.0123	0.0018	0.0180	0.0150	0.0463	0.0432	0.0028	0.0069
427	TEACHER-HS HOME EC	63	0.0093	0.0154	-0.0072	-0.0060	0.0004	-0.0008	0.0113	-0.0017	0.0024	0.0193
428	TEACHER-TRADES	2	0.0041	-0.0156	-0.0009	0.0041	-0.0019	-0.0029	0.0013	0.0094	-0.0002	0.0054
429	TEACHER-PHYS ED	44	-0.0045	0.0007	0.0726	0.0282	-0.0092	-0.0081	-0.0097	-0.0268	0.0100	0.0070
431	TEACHER-ART	51	0.0772	0.0276	0.0072	0.0179	-0.0145	-0.0013	-0.0380	-0.0538	-0.0121	0.0056
432	TEACHER-MUSIC	58	0.0291	0.0885	0.0145	0.0093	-0.0053	-0.0044	-0.0206	-0.0152	-0.0053	0.0009
433	TEACHER-SPEECH	4	0.0012	0.0087	0.0062	0.0069	-0.0080	-0.0078	-0.0123	-0.0178	-0.0002	-0.0034
440	TEACHER-HANDICAPPED	60	0.0186	0.0221	0.0151	0.0143	0.0043	-0.0027	-0.0035	-0.0244	0.0047	0.0027
441	SPEECH THERAPIST	40	0.0231	0.0309	0.0070	0.0014	0.0135	0.0007	-0.0247	-0.0353	-0.0086	-0.0162
450	SCH ADM (EXC COLL)	9	0.0041	0.0062	0.0188	0.0122	0.0065	-0.0020	0.0010	-0.0148	0.0056	-0.0045
460	COLL/UNIV TCHR (NEC)	90	0.0507	0.0564	0.0284	0.0249	0.0215	0.0081	-0.0168	-0.0498	0.0322	0.0050
461	COLL/UNIV TCHR-MATH	8	0.0079	0.0100	-0.0178	-0.0195	-0.0075	-0.0205	0.0148	-0.0153	-0.0058	-0.0185
462	COLL/UNIV TCHR-SCI	20	0.0137	0.0313	0.0023	0.0032	-0.0105	-0.0153	-0.0124	-0.0407	0.0183	-0.0153
463	COLL/UNIV TCHR-SOC SCI	25	0.0289	0.0302	0.0124	0.0039	0.0044	-0.0134	-0.0213	-0.0363	0.0002	-0.0183
464	COLL/UNIV TCHR-ENGLISH	49	0.0461	0.0426	0.0044	0.0010	-0.0006	-0.0236	-0.0305	-0.0574	0.0003	-0.0219
465	COLL/UNIV TCHR-FOR LANG	21	0.0221	0.0295	0.0012	-0.0025	-0.0084	-0.0127	-0.0135	-0.0388	0.0056	0.0036
470	COLL/UNIV TCHR-ADM	2	0.0023	0.0046	0.0041	-0.0026	0.0103	-0.0042	0.0032	-0.0077	-0.0074	-0.0029
511	LIBRARIAN	54	0.0234	0.0270	-0.0055	-0.0042	0.0091	0.0025	-0.0027	-0.0262	0.0148	0.0079

TABLE 4.4 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INTEREST INVENTORY (CONTD.)									
			ARTISTIC	MUSICAL	SPORTS	HUNTING & FISHING	BUSINESS MGMT	SALES	COMPUTATION	OFFICE WORK	MECHANICAL-TECH	SKILLED TRADES
			P-706	P-707	P-708	P-709	P-710	P-711	P-712	P-713	P-714	P-715
521	CLERGYMAN	8	-0.0111	0.0044	0.0069	0.0034	-0.0071	0.0011	-0.0042	0.0001	-0.0021	0.0051
522	MONK, BROTHER, NUN	46	0.0020	0.0154	0.0233	0.0009	0.0083	-0.0020	-0.0028	-0.0347	0.0218	0.0034
523	RELIG WRKR (OTHER)	35	0.0061	0.0138	0.0015	0.0071	-0.0138	-0.0204	-0.0127	-0.0167	-0.0018	0.0093
531	WRITER (NEC)	31	0.0403	0.0257	0.0033	0.0134	-0.0048	-0.0015	-0.0173	-0.0272	0.0058	0.0144
532	FICTION WRITER	3	0.0081	0.0110	0.0009	0.0135	-0.0060	0.0021	-0.0091	-0.0195	0.0249	0.0208
533	NONFIC WRTR (EXC JRNLST)	5	0.0148	0.0108	0.0154	0.0062	0.0019	0.0085	-0.0042	-0.0199	0.0106	-0.0050
534	JRNLST/RPRTER	20	0.0122	0.0081	-0.0024	-0.0099	0.0103	0.0016	-0.0108	-0.0140	-0.0120	-0.0146
536	PUBLISHER, ETC.	5	0.0044	0.0025	0.0126	0.0065	-0.0039	-0.0056	-0.0042	-0.0154	0.0026	-0.0017
537	EDITOR	8	0.0090	0.0194	0.0118	-0.0082	0.0047	0.0014	-0.0114	-0.0216	0.0091	-0.0101
539	TRNSLTR, INTRPRTR, LINGST	9	0.0206	0.0172	0.0037	-0.0038	0.0032	-0.0029	-0.0019	-0.0148	0.0167	0.0024
541	FINE ARTS	31	0.0554	0.0360	-0.0055	0.0171	-0.0151	-0.0091	-0.0253	-0.0432	0.0039	-0.0037
545	COMM ARTIST	41	0.0633	0.0182	-0.0044	0.0312	-0.0072	-0.0039	-0.0351	-0.0289	0.0056	0.0144
547	DESIGNER (CONS GDS)	5	0.0265	0.0102	-0.0111	0.0056	-0.0034	0.0018	-0.0109	-0.0147	0.0157	0.0149
551	MUSICIAN	11	0.0189	0.0400	-0.0013	0.0077	-0.0070	-0.0130	-0.0217	-0.0162	-0.0096	-0.0102
552	SINGER	5	0.0048	0.0172	0.0084	0.0033	0.0082	0.0027	-0.0066	-0.0025	-0.0054	-0.0103
559	MUSIC-REL (MISC)	[illegible]	0.0201	0.0391	0.0037	0.0088	-0.0061	-0.0130	-0.0151	-0.0223	0.0145	-0.0109
560	DANCER, CHOREOG	14	0.0148	0.0285	0.0005	0.0043	-0.0006	-0.0096	-0.0088	-0.0001	-0.0069	-0.0078
571	ACTOR	6	0.0114	0.0103	-0.0072	0.0084	-0.0142	-0.0129	-0.0255	-0.0174	-0.0107	-0.0081
575	THEATRE ((OTHER)	14	0.0247	0.0254	0.0119	0.0209	-0.0052	-0.0098	-0.0380	-0.0402	-0.0134	-0.0153
579	MISC PERF ARTS	3	0.0114	0.0160	0.0035	0.0034	0.0021	-0.0027	-0.0162	-0.0118	-0.0032	-0.0057
[illegible]81	MODEL	4	0.0099	0.0080	0.0044	0.0008	0.0071	0.0112	0.0089	-0.0034	-0.0085	-0.0042
621	RECREATION DIR	12	0.0057	0.0035	0.0240	0.0108	-0.0105	-0.0209	-0.0210	-0.0264	0.0066	-0.0021
622	CMPNG, SCTNG, PRK GD	3	-0.0033	0.0094	-0.0011	0.0097	-0.0029	-0.0038	-0.0152	-0.0248	-0.0068	-0.0083
639	FARMING (OTHER)	6	0.0094	-0.0013	0.0170	0.0286	0.0060	0.0188	-0.0064	-0.0082	0.0211	0.0221
711A	BANKING & FINANCE, I	30	-0.0108	-0.0251	-0.0063	-0.0054	0.0074	0.0050	0.0291	0.0301	0.0094	0.0076
711B	BANKING & FINANCE, II	4	0.0049	0.0058	0.0144	0.0106	0.0179	0.0116	0.0213	-0.0003	0.0042	0.0033
712	INVSTMNT, STOCK CONSULT	2	0.0041	-0.0004	0.0028	-0.0010	0.0004	-0.0029	0.0100	0.0000	-0.0101	-0.0092
716	CPA	25	-0.0040	-0.0021	0.0089	0.0028	0.0206	0.0076	0.0532	0.0215	0.0055	-0.0055
717	ACCTANT (EXC CPA)	50	-0.0245	-0.0099	-0.0080	-0.0045	0.0025	-0.0020	0.0422	0.0099	-0.0090	-0.0183
721	PURCHASING AGENT	4	0.0012	-0.0035	0.0057	-0.0102	-0.0059	0.0015	-0.0026	-0.0007	-0.0028	-0.0056
722	RETAIL BUYER	24	0.0113	-0.0099	-0.0052	-0.0151	0.0140	0.0202	0.0040	-0.0040	-0.0058	-0.0084
724	ADVERTISING	32	0.0376	0.0158	0.0054	0.0077	0.0160	0.0254	-0.0130	-0.0221	-0.0045	-0.0065
725	PUBLIC RELATIONS	16	0.0169	0.0168	0.0206	0.0088	0.0120	0.0011	-0.0124	-0.0104	0.0034	-0.0054
726	PERSONNEL ADMIN	25	0.0154	0.0108	0.0171	0.0024	0.0180	0.0045	0.0048	-0.0116	0.0035	-0.0132
727	APPRAISING, ESTIMATING	13	-0.0091	-0.0071	0.0004	-0.0026	-0.0008	0.0048	0.0043	0.0006	-0.0217	-0.0188
728	LOAN/CREDIT INVESTIG	11	0.0045	-0.0032	-0.0005	0.0088	0.0106	0.0106	0.0068	0.0021	0.0250	0.0193
730	BUS MGMT ADM (NEC)	19	0.0040	-0.0046	0.0015	-0.0069	0.0166	0.0133	0.0051	0.0077	-0.0040	0.0078
732	WHSL/RET TRADE MGMT/MKTG	12	0.0140	0.0018	-0.0067	0.0087	0.0063	0.0004	-0.0049	-0.0125	0.0110	0.0086
738	SUPERVISOR IN BUS	8	0.0067	0.0123	-0.0021	0.0145	0.0142	0.0044	0.0198	0.0061	0.0060	-0.0017
741	SALESCLERK	34	-0.0299	-0.0170	-0.0196	-0.0218	-0.0054	-0.0068	-0.0021	0.0184	-0.0143	0.0026
743	STOCKBROKER	4	0.0054	0.0151	-0.0134	0.0008	-0.0048	-0.0078	-0.0131	-0.0236	-0.0111	-0.0145
745	REAL ESTATE SLSMAN	6	0.0138	0.0092	-0.0015	0.0045	0.0140	0.0056	0.0048	-0.0088	-0.0045	-0.0021
746	INSURANCE SLSMAN	5	0.0015	0.0057	0.0006	0.0052	-0.0107	-0.0159	0.0009	-0.0046	-0.0054	-0.0076
748	OTHER SLSMAN (NEC)	13	0.0062	-0.0015	0.0045	-0.0010	0.0063	0.0138	0.0041	0.0034	-0.0057	-0.0028
749	SALES MGR	2	-0.0012	-0.0075	-0.0175	-0.0031	0.0088	0.0082	-0.0093	-0.0159	-0.0047	-0.0092
751	BOOKKEEPER	131	-0.0282	-0.0129	-0.0160	-0.0150	0.0005	0.0086	0.0612	0.0463	-0.0035	-0.0019
752	TELLER OR BANK CLRK	37	-0.0121	-0.0147	0.0002	-0.0061	0.0011	0.0003	0.0113	0.0219	-0.0060	0.0001
753	CASHIER	17	-0.0022	-0.0018	-0.0095	-0.0061	0.0090	0.0128	0.0167	0.0249	-0.0023	0.0056
755	MISC ACCT RECDG	64	0.0014	-0.0046	-0.0000	0.0030	0.0059	0.0137	0.0235	0.0257	0.0018	0.0004
756	KEYPUNCH OP	83	-0.0190	-0.0306	-0.0112	-0.0108	-0.0020	0.0016	0.0237	0.0394	-0.0178	-0.0018
757	KEYPUNCH INSTRUC	4	-0.0082	0.0001	-0.0147	-0.0062	-0.0059	-0.0027	0.0151	0.0148	-0.0053	-0.0012
758	COMPUTER OP	65	-0.0231	-0.0166	-0.0049	-0.0145	-0.0038	0.0071	0.0102	0.0161	-0.0208	-0.0080
761	SECRETARY (NEC)	997	-0.0463	-0.0330	-0.0252	-0.0439	0.0223	-0.0064	0.0451	0.1390	-0.0285	-0.0157
762	SECRETARY-BOOKKEEPER	23	-0.0198	-0.0073	-0.0130	-0.0136	0.0013	-0.0060	0.0258	0.0263	-0.0136	-0.0179
763	MED/DENT SECRETARY	47	-0.0126	-0.0048	0.0002	-0.0027	-0.0161	-0.0019	0.0057	0.0171	0.0040	-0.0033
764	LEGAL SECRETARY	61	0.0109	-0.0119	0.0111	0.0004	0.0189	0.0149	0.0186	0.0355	0.0058	0.0032
765	STENO, CRT RPRTR	69	-0.0124	-0.0148	-0.0068	-0.0072	0.0057	0.0033	0.0131	0.0447	-0.0053	0.0019
766	TYPIST, CLERK TYPIST	103	-0.0228	-0.0276	-0.0146	-0.0262	0.0002	0.0000	0.0109	0.0411	-0.0052	-0.0029
768	PROOFREADER	2	-0.0058	-0.0065	-0.0046	-0.0010	0.0073	0.0102	0.0075	0.0099	0.0107	0.0054
769	CLERK (MISC)	137	-0.0285	-0.0247	-0.0257	-0.0194	0.0016	0.0037	0.0382	0.0561	-0.0025	0.0116
771	OFFICE SUPERVISOR	14	-0.0073	0.0002	-0.0095	-0.0032	0.0092	0.0099	0.0072	0.0138	-0.0062	0.0005
772	OFFICE MGR	5	0.0100	-0.0113	-0.0076	0.0049	-0.0025	0.0118	0.0033	0.0075	-0.0054	-0.0030
781	PHONE, PBX OP	45	-0.0299	-0.0131	-0.0161	-0.0162	-0.0174	-0.0087	-0.0015	0.0165	-0.0021	0.0058
789	OTHER "PUB CONT" OCCS	58	-0.0096	-0.0055	-0.0011	-0.0055	-0.0021	-0.0041	-0.0100	0.0044	-0.0033	-0.0014
791	RADIO, TELEGR, TTY OP	4	-0.0078	-0.0056	-0.0056	0.0069	-0.0086	-0.0124	-0.0012	0.0063	0.0004	0.0084
797	MISC CLERICAL	12	-0.0055	-0.0056	0.0031	-0.0052	-0.0014	0.0020	-0.0016	0.0109	0.0022	0.0069
798	MISC ADMINISTRATIVE	17	0.0092	-0.0011	0.0065	-0.0040	0.0119	0.0007	0.0015	0.0013	0.0017	-0.0080
833	METAL TRADES	2	-0.0035	-0.0055	0.0034	-0.0046	0.0088	-0.0048	0.0094	0.0077	-0.0029	0.0065
861	PRINTING TRADES	6	-0.0054	0.0039	0.0006	-0.0038	-0.0006	0.0041	0.0077	0.0045	-0.0045	-0.0051
864	DRAFTSMAN	4	0.0272	-0.0063	-0.0082	-0.0003	-0.0102	-0.0059	-0.0140	-0.0151	0.0042	-0.0086
865	PHOTOGRAPHY	4	-0.0012	-0.0010	0.0170	0.0168	-0.0172	-0.0156	-0.0096	-0.0170	0.0055	-0.0056
866	INTERIOR DECORATOR	21	0.0452	0.0194	0.0095	0.0330	0.0107	0.0087	-0.0111	-0.0196	0.0084	0.0052
867	LANDSCAPE ARCHIT	2	0.0087	0.0188	0.0090	0.0005	-0.0186	-0.0146	0.0057	-0.0170	0.0296	0.0138
868	CLTHNG & FASH TRADES	50	0.0134	-0.0086	-0.0168	-0.0047	-0.0075	0.0141	-0.0029	0.0034	0.0033	0.0174
871	DIETITIAN	22	0.0143	0.0172	-0.0009	-0.0007	0.0159	0.0111	-0.0034	-0.0251	-0.0052	-0.0050
872	HOME ECONOMIST	30	0.0047	0.0018	0.0035	-0.0055	0.0121	0.0200	-0.0022	-0.0124	0.0073	0.0089
873	AIRLN STEWRD, STEWRDESS	13	0.0053	0.0092	0.0055	0.0045	-0.0089	-0.0000	-0.0155	-0.0160	-0.0107	-0.0024
881	FOOD & BEVERAGE PREP	5	-0.0136	-0.0084	-0.0025	-0.0078	-0.0213	-0.0209	-0.0180	-0.0189	0.0020	0.0136
891	MISC PERSONAL SERV	28	-0.0288	-0.0257	-0.0108	-0.0078	-0.0192	-0.0220	-0.0026	0.0001	-0.0103	-0.0096
893	HAIRDRESSER	196	-0.0225	-0.0256	-0.0131	-0.0114	-0.0264	-0.0109	-0.0177	0.0025	-0.0102	0.0236
894	PRACTICAL NURSE	118	-0.0084	-0.0101	-0.0050	0.0060	-0.0212	-0.0054	-0.0185	-0.0199	0.0194	0.0160
895	NURSES' AIDE	23	-0.0074	0.0084	0.0092	0.0054	-0.0117	-0.0047	0.0022	-0.0092	0.0109	0.0032
896	DOMESTIC SERVICE	4	-0.0148	-0.0106	0.0014	0.0084	-0.0069	0.0033	-0.0092	-0.0015	-0.0053	0.0003
899	GENERAL LABORER	76	-0.0279	-0.0176	-0.0098	-0.0174	0.0075	0.0121	0.0101	0.0319	0.0150	0.0335

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TABLE 4.4 (continued)

			POINT BISERIAL CORRELATIONS									
			INT. INV. (CONTD)		STUDENT ACTIVITIES INVENTORY							
#	GROUP	N	FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS	CULTURE	LEADERSHIP
			P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606	R-607	R-608
000	NO ANSWER	1639	-0.0092	0.0282	-0.0147	-0.0317	0.0034	-0.0310	-0.0381	-0.0199	-0.0520	-0.0293
001	DON'T KNOW	262	-0.0023	-0.0033	-0.0416	-0.0308	0.0160	-0.0307	-0.0341	-0.0250	-0.0264	-0.0140
010	HOUSEWIFE	4695	0.0369	0.0299	0.0274	-0.0303	-0.0251	-0.0418	-0.0446	0.0037	-0.0843	-0.1004
020	NO SPEC INCOME JOB	14	-0.0059	0.0124	0.0006	-0.0062	0.0008	-0.0048	0.0093	-0.0011	-0.0016	0.0035
101	EXECUTIVE (NEC)	2	-0.0030	0.0026	0.0011	0.0014	-0.0040	0.0061	-0.0006	0.0053	-0.0021	0.0074
102	FOREMAN (NEC)	3	0.0238	0.0120	-0.0044	-0.0111	0.0129	0.0032	0.0010	-0.0158	-0.0217	-0.0051
111	WORK FOR GOVT (NEC)	30	-0.0026	0.0059	-0.0163	-0.0216	0.0061	-0.0043	-0.0001	-0.0007	-0.0081	0.0067
112	IN BUS FOR SELF (NEC)	18	0.0049	0.0014	0.0092	0.0189	0.0103	0.0095	0.0085	0.0018	0.0119	0.0184
120	IND, BUS, COMM	35	0.0037	0.0051	0.0043	-0.0154	-0.0004	-0.0104	-0.0187	0.0040	-0.0088	-0.0046
121	RETAIL (NEC)	7	-0.0051	-0.0089	-0.0102	-0.0155	0.0041	-0.0055	-0.0072	-0.0115	0.0030	-0.0016
122	TRANSPORTATION (NEC)	5	0.0039	-0.0034	0.0036	0.0104	0.0011	0.0096	0.0103	0.0137	0.0066	0.0007
123	REAL ESTATE (NEC)	2	-0.0109	-0.0152	0.0090	0.0092	0.0027	0.0061	0.0083	-0.0010	0.0031	0.0035
124	INSURANCE (NEC)	13	0.0001	-0.0124	-0.0085	-0.0016	0.0036	-0.0082	-0.0121	0.0003	0.0130	-0.0122
125	ELECTRONICS (NEC)	3	-0.0010	-0.0009	0.0038	0.0038	-0.0008	0.0053	0.0029	-0.0004	0.0059	-0.0083
140	"WRK WTH PEOPLE" (NEC)	8	0.0110	0.0125	-0.0028	0.0054	0.0071	-0.0088	-0.0046	-0.0136	-0.0055	-0.0142
141	"WRK WITH CHILDR" (NEC)	14	0.0189	0.0382	-0.0107	-0.0062	-0.0068	-0.0147	-0.0076	-0.0178	-0.0095	-0.0053
150	RESEARCH	6	0.0092	-0.0070	0.0030	0.0039	-0.0011	0.0060	-0.0011	-0.0006	-0.0066	0.0084
211	MATH, STAT	8	0.0061	-0.0042	-0.0147	-0.0064	-0.0047	-0.0023	0.0010	-0.0147	-0.0055	0.0013
212	OTHER STATISTICS	5	-0.0080	-0.0041	-0.0165	0.0055	-0.0053	-0.0103	-0.0010	0.0057	0.0115	-0.0042
221	SYSTEMS ANALYST	8	-0.0066	-0.0102	0.0051	0.0067	-0.0013	0.0069	0.0043	-0.0010	0.0127	0.0168
222	COMPUTER PROGRAMMER	45	-0.0003	-0.0132	-0.0026	0.0016	0.0004	0.0056	0.0276	0.0029	0.0027	0.0062
229	COMPUTER SPEC (NEC)	7	0.0030	-0.0026	-0.0059	-0.0114	0.0041	0.0015	0.0048	-0.0092	-0.0039	0.0046
231	CHEMIST	25	-0.0021	-0.0130	-0.0291	-0.0025	0.0033	-0.0127	0.0192	0.0056	0.0117	0.0060
234	GEOLOGIST	2	0.0104	0.0134	0.0150	-0.0064	0.0328	0.0034	-0.0073	-0.0157	-0.0047	0.0074
241	CIVIL ENGINEER	2	0.0018	0.0065	-0.0049	0.0066	-0.0007	-0.0097	-0.0029	0.0074	0.0031	-0.0003
245	CHEM ENGINEER	2	0.0079	-0.0093	-0.0128	-0.0090	0.0127	-0.0044	-0.0051	-0.0094	-0.0021	-0.0003
299	PHYS SCI, LAB TECH	23	-0.0096	-0.0024	-0.0154	-0.0199	0.0086	-0.0104	-0.0028	-0.0149	0.0006	-0.0005
310	BIOLOGIST, ZOOLOGIST	14	0.0049	-0.0074	-0.0084	-0.0141	0.0096	-0.0038	-0.0008	-0.0178	0.0023	0.0079
314	WLDLF/FOREST SPEC	2	0.0134	0.0016	-0.0168	-0.0117	0.0094	-0.0149	-0.0029	-0.0199	-0.0099	-0.0081
315	PHARMACOLOGIST	2	0.0122	0.0075	-0.0049	-0.0012	-0.0040	0.0113	0.0061	0.0053	0.0031	0.0190
316	MICROBIOLOGIST	15	0.0096	0.0103	-0.0177	-0.0096	-0.0030	0.0023	0.0097	0.0137	0.0095	0.0097
317	BIOCHEMIST	7	0.0056	-0.0073	-0.0166	0.0040	0.0023	0.0086	0.0024	-0.0160	0.0072	0.0087
319	OTHER CHEM SCI	8	0.0134	0.0116	-0.0048	0.0080	0.0037	-0.0062	0.0144	0.0063	-0.0016	0.0110
329	MD-OTHER	19	0.0160	-0.0120	-0.0086	0.0178	0.0023	0.0230	0.0263	0.0047	0.0096	0.0311
333	VETERINARIAN	4	0.0314	0.0078	-0.0167	-0.0036	0.0014	0.0123	0.0023	-0.0089	0.0026	-0.0005
335	PHARMACIST	16	-0.0027	-0.0200	-0.0012	0.0002	-0.0090	-0.0042	0.0093	0.0090	-0.0013	0.0059
337	RN	703	0.0404	0.0127	0.0156	0.0246	-0.0120	0.0543	0.0445	0.0172	0.0195	0.0118
341	DENTAL HYGIENIST	28	-0.0001	-0.0081	0.0078	0.0079	0.0056	0.0073	0.0096	0.0136	0.0179	0.0122
343	PHYS THERAPIST	16	0.0054	-0.0011	0.0094	0.0076	0.0041	0.0255	0.0148	0.0082	0.0125	0.0114
344	OCCUP THERAPIST	13	0.0060	0.0038	0.0024	-0.0077	0.0115	0.0011	0.0089	-0.0030	0.0059	0.0045
346	SPEC THERAPIST (MISC)	19	0.0026	-0.0132	0.0172	-0.0034	0.0230	0.0162	0.0060	0.0054	0.0147	0.0260
347	MED/DENT TECHNOL	101	0.0025	-0.0131	-0.0076	0.0109	0.0029	0.0052	0.0116	0.0237	0.0090	-0.0015
348	MED/DENT TECHNICIAN	134	0.0095	-0.0120	-0.0101	0.0087	-0.0128	-0.0029	0.0006	0.0034	0.0016	-0.0074
360	PSYCHOLOGIST	37	-0.0072	-0.0237	-0.0131	0.0174	0.0096	-0.0068	0.0061	-0.0003	0.0164	0.0243
369	PSYCH RES ASST	2	0.0110	-0.0004	0.0130	0.0092	0.0060	0.0113	0.0105	-0.0010	0.0135	0.0074
370	SOCIAL WORKER	190	0.0025	-0.0187	-0.0073	0.0175	0.0039	0.0032	0.0185	-0.0073	0.0434	0.0344
371	PSYCHIATRIC SOC WRKR	18	0.0108	-0.0163	0.0032	0.0232	0.0047	0.0025	0.0070	-0.0017	0.0093	0.0016
372	COUNSELING/GUIDANCE	16	0.0048	-0.0106	-0.0061	0.0020	0.0064	0.0107	-0.0002	-0.0036	0.0125	0.0018
373	VOC/ED GUIDANCE	32	0.0074	-0.0033	0.0073	0.0120	0.0082	0.0007	0.0120	-0.0088	0.0131	0.0200
382	ECONOMIST	4	-0.0055	-0.0117	-0.0083	0.0001	0.0251	0.0012	0.0086	-0.0074	0.0081	0.0078
383	SOCIOLOGIST	2	-0.0067	-0.0083	-0.0069	0.0118	0.0161	-0.0070	0.0105	0.0053	0.0187	0.0113
384	ANTHROPOLOGIST	5	0.0223	-0.0153	-0.0090	0.0005	0.0074	0.0096	0.0061	-0.0076	0.0099	0.0203
389	SOCIAL SCI (MISC)	7	-0.0097	-0.0105	-0.0038	-0.0058	0.0167	-0.0027	-0.0048	-0.0070	0.0114	0.0128
391	POLITICIAN	2	-0.0054	-0.0034	0.0170	-0.0038	-0.0074	0.0034	-0.0006	-0.0073	0.0057	-0.0042
392	DIPLOMAT	8	0.0110	0.0032	-0.0078	0.0028	0.0138	0.0108	0.0043	-0.0210	0.0036	0.0090
393	LAWYER	13	-0.0004	-0.0179	0.0039	0.0107	0.0023	0.0114	0.0080	-0.0022	0.0202	0.0182
397	PUBLIC ADM (NEC)	2	-0.0079	-0.0063	0.0150	0.0014	0.0060	0.0061	0.0083	-0.0073	-0.0021	0.0035
400	TEACHER (NEC)	1194	0.0293	-0.0155	0.0098	0.0264	0.0193	0.0407	0.0384	0.0159	0.0700	0.0798
410	TCHNG YNG CHILDR	7	-0.0081	-0.0131	0.0047	0.0095	0.0077	-0.0013	0.0036	-0.0025	0.0030	0.0025
411	TCHNG PRESCH CHILDR	37	0.0107	-0.0083	-0.0021	0.0017	0.0018	0.0042	0.0040	-0.0008	0.0001	0.0072
412	TEACHER-ELEM	752	0.0200	0.0061	0.0113	0.0236	-0.0208	0.0212	0.0291	0.0152	0.0586	0.0443
420	TEACHER-HS (NEC)	89	0.0172	-0.0032	0.0008	0.0104	0.0107	-0.0024	0.0112	-0.0080	0.0216	0.0179
421	TEACHER-HS MATH	62	0.0006	-0.0056	-0.0022	-0.0031	0.0005	0.0169	0.0125	0.0132	0.0103	0.0191
422	TEACHER-HS SCI	41	0.0197	-0.0111	-0.0002	0.0028	-0.0045	0.0037	0.0045	-0.0123	0.0032	0.0144
423	TEACHER-HS SOC ST	68	0.0044	-0.0077	0.0066	0.0255	0.0422	0.0224	0.0163	-0.0201	0.0392	0.0267
424	TEACHER-ENGLISH	150	0.0010	-0.0119	-0.0116	0.0159	0.0323	0.0133	-0.0094	-0.0318	0.0180	0.0471
425	TEACHER-FOREIGN LANG	58	0.0080	0.0032	-0.0027	0.0094	0.0014	0.0010	0.0236	0.0089	0.0357	0.0220
426	TEACHER-COMM ED	50	-0.0051	-0.0020	0.0114	0.0006	-0.0140	0.0041	-0.0090	0.0045	0.0119	0.0209
427	TEACHER-HS HOME EC	63	0.0063	0.0098	0.0002	-0.0039	-0.0055	0.0253	0.0212	0.0098	0.0119	0.0151
428	TEACHER-TRADES	2	0.0061	-0.0103	-0.0029	-0.0038	-0.0074	0.0113	-0.0006	-0.0052	0.0031	0.0035
429	TEACHER-PHYS ED	44	0.0176	0.0036	0.0203	0.0020	0.0026	0.0492	0.0023	-0.0071	-0.0065	0.0200
431	TEACHER-ART	51	0.0072	-0.0168	-0.0105	0.0002	0.0006	0.0021	0.0101	0.0029	0.0374	0.0218
432	TEACHER-MUSIC	58	0.0018	0.0008	0.0128	0.0079	0.0014	0.0211	0.0107	0.0074	0.0439	0.0328
433	TEACHER-SPEECH	4	0.0069	-0.0082	0.0128	0.0056	0.0180	0.0197	0.0007	-0.0118	-0.0030	0.0132
440	TEACHER-HANDICAPPED	60	0.0096	0.0025	-0.0093	0.0099	0.0031	0.0012	0.0112	-0.0018	0.0099	0.0117
441	SPEECH THERAPIST	40	-0.0187	-0.0139	0.0204	0.0149	0.0030	0.0084	0.0002	-0.0022	0.0273	0.0176
450	SCH ADM (EXC COLL)	9	0.0064	-0.0071	-0.0001	0.0005	-0.0061	0.0178	0.0050	-0.0047	0.0140	0.0331
460	COLL/UNIV TCHR (NEC)	90	0.0129	-0.0027	-0.0109	0.0135	0.0146	0.0099	0.0184	-0.0135	0.0349	0.0291
461	COLL/UNIV TCHR-MATH	8	-0.0060	-0.0176	-0.0227	-0.0051	-0.0063	-0.0010	-0.0013	-0.0105	-0.0003	0.0071
462	COLL/UNIV TCHR-SCI	20	0.0005	-0.0156	-0.0293	-0.0146	0.0011	-0.0007	-0.0041	-0.0072	-0.0017	0.0051
463	COLL/UNIV TCHR-SOC SCI	25	0.0099	-0.0175	-0.0234	0.0056	0.0033	-0.0038	0.0167	-0.0170	0.0184	0.0158
464	COLL/UNIV TCHR-ENGLISH	49	-0.0058	-0.0276	-0.0226	0.0184	0.0218	-0.0102	0.0122	-0.0359	0.0307	0.0262
465	COLL/UNIV TCHR-FOR LANG	21	0.0066	-0.0005	-0.0085	0.0133	0.0092	0.0075	-0.0055	-0.0134	0.0133	0.0247
470	COLL/UNIV TCHR-ADM	2	-0.0042	-0.0043	-0.0049	-0.0012	-0.0107	-0.0018	-0.0051	0.0011	0.0005	0.0074
511	LIBRARIAN	54	0.0025	0.0023	-0.0181	0.0072	-0.0047	0.0018	0.0027	0.0113	0.0237	-0.0069

TABLE 4.4 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			INT. INV. (CONTD)		STUDENT ACTIVITIES INVENTORY							
			FARMING	LABOR	SOCIABILITY	SOCIAL SENSITIV	IMPULSIVENESS	VIGOR	CALMNESS	TIDINESS	CULTURE	LEADERSHIP
			P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606	R-607	R-608
521	CLERGYMAN	8	0.0004	0.0135	0.0051	0.0028	-0.0063	-0.0036	0.0121	-0.0052	-0.0003	0.0110
522	MONK, BROTHER, NUN	46	0.0109	0.0014	-0.0126	0.0077	-0.0158	0.0073	0.0105	-0.0027	0.0035	0.0065
523	RELIG WRKR (OTHER)	36	0.0265	0.0221	-0.0165	0.0015	-0.0012	0.0066	-0.0001	-0.0202	-0.0027	0.0068
531	WRITER (NEC)	31	0.0129	0.0134	-0.0248	0.0014	0.0136	-0.0101	-0.0008	-0.0182	0.0063	0.0061
532	FICTION WRITER	3	0.0139	0.0048	-0.0108	-0.0047	0.0019	0.0117	-0.0026	-0.0210	-0.0068	0.0138
533	NONFIC WRTR (EXC JRNLST)	5	0.0050	0.0009	0.0099	0.0154	0.0011	0.0046	0.0103	0.0070	0.0164	0.0007
534	JRNLST/RPRTER	20	-0.0103	-0.0122	-0.0054	0.0126	0.0170	0.0109	0.0185	0.0021	0.0205	0.0137
536	PUBLISHER, ETC.	5	0.0035	-0.0034	0.0111	0.0088	0.0286	0.0146	-0.0052	0.0030	0.0066	0.0081
537	EDITOR	6	-0.0048	-0.0141	-0.0028	0.0093	0.0255	0.0017	-0.0124	-0.0031	-0.0016	-0.0007
539	TRNSLTR, INTRPRTR, LINGST	4	-0.0005	-0.0011	-0.0141	-0.0131	-0.0140	-0.0119	0.0018	0.0013	0.0078	0.0075
541	FINE ARTS	31	0.0140	-0.0105	-0.0091	0.0061	0.0195	0.0039	-0.0002	-0.0048	0.0248	0.0209
545	COMM ARTIST	41	0.0338	-0.0032	-0.0116	-0.0001	0.0052	0.0032	-0.0068	-0.0151	0.0101	-0.0036
547	DESIGNER (CONS GDS)	5	0.0020	0.0078	-0.0165	-0.0044	0.0074	-0.0053	-0.0010	-0.0129	0.0164	0.0032
551	MUSICIAN	11	0.0104	-0.0108	-0.0123	-0.0034	-0.0044	-0.0003	-0.0072	-0.0109	-0.0016	-0.0032
552	SINGER	5	-0.0103	-0.0122	0.0061	0.0038	-0.0116	0.0129	0.0018	0.0123	0.0131	0.0228
559	MUSIC-REL (MISC)	4	0.0095	-0.0067	-0.0019	-0.0045	-0.0014	0.0018	0.0018	-0.0136	0.0066	-0.0071
560	DANCER, CHOREOG	14	-0.0015	-0.0044	-0.0017	-0.0013	-0.0030	0.0220	-0.0017	0.0013	0.0132	0.0035
571	ACTOR	6	-0.0003	-0.0013	0.0007	0.0054	-0.0011	0.0120	0.0092	-0.0091	0.0024	0.0106
575	THEATRE (OTHER)	14	0.0134	-0.0167	-0.0197	0.0096	0.0236	0.0220	0.0186	0.0124	0.0191	0.0094
579	MISC PERF ARTS	3	0.0055	-0.0098	0.0021	0.0059	0.0101	0.0117	0.0047	0.0047	0.0144	0.0265
581	MODEL	4	-0.0111	0.0064	-0.0069	0.0075	-0.0057	0.0123	0.0086	0.0089	0.0118	0.0105
621	RECREATION DIR	12	0.0154	-0.0090	0.0043	-0.0115	0.0121	0.0138	0.0057	-0.0077	0.0055	0.0008
622	CMPNG, SCTNG, PRK GD	3	0.0010	-0.0090	-0.0060	0.0081	-0.0008	0.0139	0.0010	-0.0090	0.0038	-0.0020
639	FARMING (OTHER)	6	0.0302	0.0176	0.0053	-0.0066	0.0221	0.0181	-0.0011	0.0055	-0.0021	-0.0050
711A	BANKING & FINANCE, I	30	0.0031	0.0031	0.0016	0.0053	-0.0173	-0.0083	-0.0042	-0.0040	-0.0121	-0.0083
711B	BANKING & FINANCE, II	4	0.0026	-0.0048	0.0015	0.0001	0.0109	-0.0025	-0.0025	0.0089	0.0099	-0.0059
712	INVSTMNT, STOCK CONSULT	2	-0.0036	-0.0122	0.0050	0.0040	-0.0040	0.0008	-0.0051	0.0116	0.0083	-0.0003
716	CPA	25	-0.0044	-0.0069	0.0058	0.0071	0.0062	0.0141	0.0098	-0.0093	0.0022	0.0147
717	ACCTANT (EXC CPA)	50	-0.0080	-0.0164	-0.0097	-0.0072	-0.0174	-0.0058	-0.0161	-0.0030	-0.0178	-0.0063
721	PURCHASING AGENT	4	0.0095	-0.0096	-0.0013	-0.0036	-0.0104	0.0086	-0.0104	0.0015	-0.0030	-0.0005
722	RETAIL BUYER	24	-0.0164	-0.0045	-0.0031	-0.0073	-0.0023	0.0013	0.0043	0.0195	0.0018	0.0022
724	ADVERTISING	32	0.0051	-0.0147	0.0038	0.0022	0.0133	0.0000	0.0103	0.0001	0.0196	0.0297
725	PUBLIC RELATIONS	16	0.0031	-0.0095	0.0059	0.0085	0.0195	0.0190	0.0140	0.0112	0.0116	0.0087
726	PERSONNEL ADMIN	25	-0.0032	-0.0144	-0.0038	0.0108	0.0024	0.0089	0.0079	-0.0033	0.0088	0.0213
727	APPRAISING, ESTIMATING	13	-0.0071	-0.0128	0.0055	0.0025	0.0023	-0.0154	-0.0121	0.0044	-0.0094	-0.0168
728	LOAN/CREDIT INVESTIG	11	0.0045	0.0081	-0.0089	-0.0057	0.0070	-0.0093	-0.0091	-0.0046	-0.0049	-0.0099
730	BUS MGMT ADM (NEC)	19	-0.0056	-0.0033	0.0030	0.0042	0.0099	-0.0026	-0.0027	0.0019	0.0011	0.0034
732	WHSL/RET TRADE MGMT/MKTG	12	-0.0056	-0.0014	-0.0055	-0.0009	0.0134	0.0042	0.0121	-0.0042	0.0002	0.0039
738	SUPERVISOR IN BUS	8	0.0116	-0.0008	-0.0038	-0.0051	-0.0013	-0.0023	0.0121	0.01[illegible]5	0.0153	0.0148
741	SALESCLERK	34	-0.0216	0.0053	-0.0023	-0.0089	-0.0027	-0.0042	-0.0145	-0.0012	-0.0105	-0.0051
743	STOCKBROKER	4	-0.0133	-0.0068	0.0071	-0.0036	0.0038	0.0012	0.0070	0.0000	0.0026	-0.0005
745	REAL ESTATE SLSMAN	6	0.0141	0.0039	-0.0016	0.0234	0.0124	-0.0001	0.0105	-0.0006	0.0159	0.0106
746	INSURANCE SLSMAN	5	-0.0019	-0.0116	0.0036	0.0104	0.0074	-0.0004	0.0046	0.0070	-0.0017	-0.0042
748	OTHER SLSMAN (NEC)	13	-0.0126	-0.0008	0.0172	0.0004	-0.0043	0.0114	0.0019	0.0069	0.0110	0.0030
749	SALES MGR	2	-0.0042	-0.0034	0.0050	0.0014	0.0027	0.0061	0.0038	-0.0010	0.0057	-0.0119
751	BOOKKEEPER	131	-0.0126	-0.0029	-0.0022	-0.0082	-0.0108	-0.0066	0.0010	-0.0098	-0.0125	-0.0178
752	TELLER OR BANK CLRK	37	-0.0070	-0.0046	0.0072	-0.0135	-0.0036	0.0048	-0.0126	-0.0012	-0.0072	-0.0019
753	CASHIER	17	0.0022	0.0010	0.0021	0.0004	-0.0100	-0.0075	-0.0072	0.0067	-0.0007	-0.0096
755	MISC ACCT RECDG	64	0.0092	0.0063	0.0114	0.0004	0.0105	0.0000	-0.0024	0.0102	-0.0100	-0.0238
756	KEYPUNCH OP	83	-0.0066	0.0043	-0.0074	-0.0163	-0.0001	-0.0114	-0.0229	-0.0068	-0.0281	-0.0217
757	KEYPUNCH INSTRUC	4	-0.0094	0.0043	-0.0055	-0.0073	-0.0057	-0.0063	0.0086	0.0030	-0.0030	-0.0059
758	COMPUTER OP	65	-0.0136	-0.0036	-0.0003	-0.0096	-0.0097	-0.0087	-0.0095	0.0047	-0.0156	-0.0206
761	SECRETARY (NEC)	997	-0.0344	-0.0226	0.0237	0.0070	-0.0049	-0.0114	-0.0038	0.0446	-0.0190	-0.0194
76[illegible]	SECRETARY-BOOKKEEPER	23	-0.0178	-0.0082	-0.0013	0.0039	0.0096	-0.0034	0.0064	0.0080	-0.0025	0.0063
763	MED/DENT SECRETARY	47	-0.0068	0.0039	0.0075	0.0078	-0.0101	-0.0057	-0.0012	0.0078	-0.0016	0.0052
764	LEGAL SECRETARY	61	-0.0107	-0.0050	0.0155	0.0128	-0.0073	0.0022	0.0091	0.0158	0.0082	0.0028
765	STENO, CRT RPRTR	69	-0.0002	-0.0039	0.0079	0.0054	0.0018	-0.0054	0.0039	-0.0023	-0.0150	0.0024
766	TYPIST, CLERK TYPIST	103	-0.0335	-0.0011	-0.0076	-0.0131	-0.0071	-0.0157	-0.0111	0.0004	-0.0231	-0.0183
768	PROOFREADER	2	0.0012	0.0065	-0.0148	-0.0117	-0.0040	-0.0175	-0.0096	-0.0010	-0.0177	-0.0003
769	CLERK (MISC)	137	-0.0120	0.0076	-0.0083	-0.0148	-0.0083	-0.0272	-0.0080	-0.0064	-0.0262	-0.0387
771	OFFICE SUPERVISOR	14	-0.0027	-0.0029	0.0014	0.0017	-0.0030	-0.0038	0.0059	0.0013	0.0023	0.0006
772	OFFICE MGR	5	-0.0046	-0.0041	-0.0065	-0.0127	-0.0032	-0.0136	0.0046	0.0017	0.0033	-0.0066
781	PHONE, PBX OP	45	-0.0118	0.0059	0.0045	-0.0067	-0.0074	-0.0055	-0.0124	-0.0078	-0.0193	-0.0191
789	OTHER "PUB CONT" C[illegible]S	58	0.0019	0.0017	-0.0030	0.0118	-0.0023	-0.0038	-0.0018	0.0038	-0.0103	-0.0097
791	RADIO, TELEGR, TTY OP	4	0.0138	0.0036	-0.0041	-0.0054	-0.0080	-0.0063	-0.0056	-0.0178	-0.0122	-0.0032
797	MISC CLERICAL	12	-0.0039	0.0043	-0.0022	-0.0062	0.0011	-0.0076	0.0021	-0.0051	-0.0019	-0.0087
798	MISC ADMINISTRATIVE	17	-0.0014	-0.0132	0.0014	0.0103	0.0027	0.0051	0.0119	-0.0041	0.0064	0.0103
833	METAL TRADES	2	-0.0060	0.0036	-0.0069	-0.0064	-0.0107	-0.0044	-0.0051	0.0032	-0.0073	-0.0003
861	PRINTING TRADES	6	-0.0119	-0.0092	0.0122	0.0009	0.0066	0.0120	0.0092	0.0140	0.0099	0.0084
864	DRAFTSMAN	4	-0.0073	-0.0068	0.0015	0.0001	0.0204	0.0012	-0.0088	-0.0089	0.0007	0.0050
865	PHOTOGRAPHY	4	0.0207	-0.0054	-0.0069	-0.0036	0.0109	0.0067	-0.0025	-0.0118	-0.0140	0.0078
866	INTERIOR DECORATOR	21	0.0125	-0.0063	0.0130	0.0061	0.0154	0.0165	-0.0007	-0.0011	0.0197	0.0115
867	LANDSCAPE ARCHIT	2	0.0006	-0.0014	-0.0148	-0.0064	-0.0007	0.0139	-0.0051	0.0074	0.0135	-0.0081
868	CLTHNG & FASH TRADES	50	0.0002	0.0138	-0.0193	-0.0161	-0.0100	-0.0169	-0.0179	-0.0115	-0.0084	-0.0156
871	DIETITIAN	22	0.0105	-0.0085	0.0066	0.0124	-0.0052	0.0099	0.0087	0.0251	0.0260	0.0059
872	HOME ECONOMIST	30	0.0152	-0.0015	0.0165	0.0168	-0.0026	0.0161	0.0143	0.0107	0.0255	0.0178
873	AIRLN STEWRD, STEWRDESS	13	0.0036	-0.0109	0.0148	0.0127	-0.0030	0.0021	0.0019	0.0077	0.0120	0.0121
881	FOOD & BEVERAGE PREP	5	-0.0034	0.0116	-0.0203	-0.0143	-0.0074	0.0030	-0.0024	-0.0116	-0.0181	-0.0091
891	MISC PERSONAL SERV	28	-0.0067	-0.0012	-0.0172	0.0010	0.0074	-0.0187	-0.0227	-0.0134	-0.0176	-0.0261
893	HAIRDRESSER	196	-0.0169	0.0090	0.0136	-0.0101	-0.0216	-0.0062	-0.0097	-0.0034	-0.0113	-0.0147
894	PRACTICAL NURSE	118	0.0071	0.0158	-0.0052	-0.0119	-0.0016	-0.0077	-0.0151	-0.0173	-0.0199	-0.0101
895	NURSES' AIDE	23	0.0230	0.0084	-0.0084	0.0031	-0.0003	-0.0011	0.0018	-0.0063	-0.0010	0.0029
896	DOMESTIC SERVICE	4	0.0091	0.0043	-0.0041	0.0093	-0.0009	-0.0025	-0.0025	-0.0133	-0.0066	0.0050
899	GENERAL LABORER	76	-0.0067	0.0372	-0.0176	-0.0250	-0.0112	-0.0188	-0.0242	-0.0098	-0.0260	-0.0197

TABLE 4.4 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			S.A.I. (CONTD)		STUDENT INFORMATION BLANK SCALES							
			SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS	SELF-PERCEP OF RDNG SKILLS
			R-609	R-610	D-802	F-803	P-820	F-822	F-823	P-827	P-828	P-829
000	NO ANSWER	1639.	-0.0198	-0.0566	-0.1096	-0.1168	-0.0797	-0.0280	-0.0674	-0.0733	-0.0426	-0.0244
001	DON'T KNOW	262	-0.0251	-0.0308	0.0024	0.0069	-0.0137	-0.0161	-0.0388	-0.0342	0.0018	-0.0077
010	HOUSEWIFE	4695	-0.0597	-0.0940	-0.2410	-0.2291	-0.1498	-0.1018	-0.0612	-0.1236	-0.1332	-0.1093
020	NO SPEC INCOME JOB	14	0.0072	0.0033	-0.0210	-0.0084	0.0006	-0.0121	-0.0098	-0.0078	-0.0134	-0.0007
101	EXECUTIVE (NEC)	2	0.0147	0.0034	-0.0112	-0.0129	0.0067	-0.0050	-0.0036	0.0143	0.0136	0.0055
102	FOREMAN (NEC)	3	-0.0013	-0.0029	0.0052	0.0016	0.0053	-0.0068	-0.0024	0.0042	-0.0181	0.0019
111	WORK FOR GOVT (NEC)	30	0.0064	0.0018	-0.0105	-0.0088	-0.0003	-0.0041	-0.0098	-0.0043	-0.0000	0.0133
112	IN BUS FOR SELF (NEC)	18	0.0233	0.0157	0.0012	-0.0023	0.0113	-0.0023	0.0082	-0.0007	0.0025	0.0048
120	IND, BUS, COMM	35	-0.0001	-0.0193	-0.0193	-0.0233	-0.0158	-0.0110	-0.0156	-0.0180	-0.0134	-0.0174
121	RETAIL (NEC)	7	-0.0127	-0.0150	0.0163	0.0089	-0.0050	0.0196	0.0004	-0.0043	0.0093	0.0052
122	TRANSPORTATION (NEC)	5	0.0029	0.0047	0.0116	0.0086	-0.0090	0.0057	0.0107	0.0030	-0.0021	-0.0020
123	REAL ESTATE (NEC)	2	0.0125	0.0056	-0.0112	-0.0015	-0.0091	-0.0016	-0.0075	0.0030	-0.0124	-0.0041
124	INSURANCE (NEC)	13	-0.0004	-0.0019	-0.0104	-0.0034	-0.0062	0.0053	-0.0070	-0.0014	-0.0068	0.0127
125	ELECTRONICS (NEC)	3	-0.0048	-0.0020	-0.0043	-0.0160	-0.0017	-0.0043	0.0032	0.0023	-0.0022	0.0013
140	"WRK WTH PEOPLE" (NEC)	8	-0.0039	-0.0078	0.0008	0.0067	-0.0124	0.0069	0.0085	0.0055	0.0054	0.0015
141	"WRK WITH CHILDR" (NEC)	14	-0.0033	-0.0102	-0.0210	-0.0185	-0.0050	-0.0026	-0.0073	-0.0039	-0.0208	-0.0005
150	RESEARCH	6	-0.0093	0.0134	0.0141	0.0240	0.0074	0.0064	0.0006	0.0170	0.0007	0.0079
211	MATH, STAT	8	-0.0060	0.0058	0.0182	0.0330	0.0226	0.0007	0.0090	0.0072	0.0113	0.0003
212	OTHER STATISTICS	5	-0.0162	0.0102	0.0190	0.0344	0.0191	0.0135	0.0082	0.0187	-0.0001	0.0102
221	SYSTEMS ANALYST	8	0.0229	0.0193	0.0240	0.0367	0.0320	0.0191	0.0143	0.0287	0.0152	0.0155
222	COMPUTER PROGRAMMER	45	0.0154	0.0216	0.0252	0.0399	0.0421	0.0117	0.0029	0.0348	0.0046	0.0115
229	COMPUTER SPEC (NEC)	7	0.0057	0.0099	0.0163	0.0266	0.0253	0.0010	0.0035	0.0042	0.0114	0.0040
231	CHEMIST	25	-0.0015	0.0281	0.0359	0.0461	0.0471	0.0226	-0.0012	0.0416	0.0157	0.0391
234	GEOLOGIST	2	0.0061	-0.0074	0.0120	0.0120	-0.0012	0.0012	0.0003	0.0064	0.0117	0.0107
241	CIVIL ENGINEER	2	0.0040	-0.0052	0.0120	0.0077	0.0116	-0.0026	0.0042	0.0042	0.0084	0.0070
245	CHEM ENGINEER	2	-0.0132	-0.0074	0.0120	0.0240	0.0153	0.0046	-0.0065	0.0188	0.0169	0.0093
299	PHYS SCI, LAB TECH	23	0.0017	0.0014	0.0236	0.0289	0.0155	0.0018	0.0119	0.0068	0.0064	0.0101
310	BIOLOGIST, ZOOLOGIST	14	-0.0017	-0.0024	0.0274	0.0303	0.0162	0.0017	0.0086	0.0042	0.0147	0.0158
314	WLDLF/FOREST SPEC	2	-0.0111	-0.0106	0.0120	0.0148	-0.0030	-0.0112	-0.0173	-0.0252	0.0182	0.0181
315	PHARMACOLOGIST	2	0.0018	0.0099	0.0120	0.0130	0.0207	-0.0095	-0.0006	0.0109	0.0149	0.0107
316	MICROBIOLOGIST	15	0.0112	0.0138	0.0202	0.0395	0.0238	0.0090	-0.0018	0.0172	0.0244	0.0268
317	BIOCHEMIST	7	0.0045	0.0047	0.0225	0.0338	0.0350	-0.0045	0.0004	0.0162	0.0086	0.0211
319	OTHER CHEM SCI	8	-0.0018	-0.0007	0.0240	0.0324	0.0171	0.0043	0.0163	0.0015	0.0094	-0.0037
329	MD-OTHER	19	0.0216	0.0355	0.0371	0.0470	0.0423	-0.0004	0.0037	0.0334	0.0128	0.0262
333	VETERINARIAN	4	-0.0020	0.0072	0.0088	0.0209	0.0074	-0.0007	-0.0009	0.0107	0.0050	0.0126
335	PHARMACIST	16	0.0089	0.0239	0.0258	0.0335	0.0294	0.0067	0.0027	0.0273	0.0022	0.0104
337	RN	703	0.0393	0.0475	0.1533	0.1533	0.0508	0.0439	0.0803	0.0614	0.0325	0.0358
341	DENTAL HYGIENIST	28	-0.0013	0.0076	0.0294	0.0268	0.0054	0.0148	0.0117	0.0047	-0.0010	-0.0036
343	PHYS THERAPIST	16	-0.0010	0.0185	0.0340	0.0355	0.0074	0.0254	0.0199	0.0122	0.0061	0.0028
344	OCCUP THERAPIST	13	-0.0063	-0.0057	0.0306	0.0227	0.0134	0.0103	0.0156	0.0066	0.0150	0.0028
346	SPEC THERAPIST (MISC)	19	0.0237	0.0229	0.0257	0.0226	0.0168	0.0097	0.0227	0.0224	0.0274	0.0181
347	MED/DENT TECHNOL	101	0.0023	0.0272	0.0594	0.0630	0.0388	0.0081	0.0066	0.0336	0.0046	0.0155
348	MED/DENT TECHNICIAN	134	-0.0107	-0.0066	0.0203	0.0165	-0.0138	0.0094	0.0005	-0.0098	-0.0155	-0.0129
360	PSYCHOLOGIST	37	0.0083	0.0198	0.0409	0.0472	0.0323	0.0073	-0.0067	0.0200	0.0257	0.0289
369	PSYCH RES ASST	2	0.0104	0.0153	0.0120	0.0120	0.0226	-0.0064	0.0111	0.0098	0.0104	0.0100
370	SOCIAL WORKER	190	0.0040	0.0305	0.0674	0.0661	0.0328	0.0199	0.0187	0.0287	0.0460	0.0353
371	PSYCHIATRIC SOC WRKR	18	0.0076	0.0099	0.0322	0.0349	0.0090	-0.0055	0.0082	0.0155	0.0122	0.0258
372	COUNSELING/GUIDANCE	16	0.0036	0.0089	0.0299	0.0258	0.0201	0.0104	-0.0084	0.0206	0.0257	0.0209
373	VOC/ED GUIDANCE	32	0.0121	0.0070	0.0365	0.0370	0.0142	0.0030	0.0104	0.0116	0.0194	0.0239
382	ECONOMIST	4	0.0117	0.0049	0.0170	0.0305	0.0177	0.0202	0.0108	0.0099	0.0073	0.0094
383	SOCIOLOGIST	2	0.0040	-0.0052	0.0120	0.0095	0.0140	-0.0102	0.0003	0.0053	0.0149	0.0093
384	ANTHROPOLOGIST	5	0.0124	0.0123	0.0043	0.0162	0.0195	-0.0054	0.0014	0.0130	0.0098	0.0149
389	SOCIAL SCI (MISC)	7	0.0080	0.0076	0.0225	0.0224	0.0201	0.0123	0.0124	0.0199	0.0232	0.0270
391	POLITICIAN	2	-0.0003	0.0067	0.0120	0.0091	0.0025	0.0039	-0.0036	0.0019	0.0019	0.0033
392	DIPLOMAT	8	0.0025	0.0058	0.0240	0.0206	0.0010	0.0057	-0.0052	-0.0069	0.0185	0.0244
393	LAWYER	13	0.0265	0.0117	0.0261	0.0241	0.0012	0.0004	0.0102	0.0009	0.0086	0.0170
397	PUBLIC ADM (NEC)	2	0.0018	0.0056	0.0120	0.0127	0.0037	-0.0064	0.0033	-0.0026	0.0019	0.0026
400	TEACHER (NEC)	1194	0.0347	0.0696	0.2134	0.1813	0.1261	0.0524	0.0583	0.1016	0.0745	0.0572
410	TCHNG YNG CHILDR	7	0.0011	0.0058	0.0100	0.0292	0.0071	0.0055	0.0118	0.0029	0.0065	0.0096
411	TCHNG PRESCH CHILDR	37	0.0113	-0.0001	0.0355	0.0364	-0.0012	0.0054	0.0134	0.0058	0.0100	0.0209
412	TEACHER-ELEM	752	0.0156	0.0444	0.1505	0.1241	0.0529	0.0482	0.0547	0.0612	0.0459	0.0290
420	TEACHER-HS (NEC)	89	0.0166	0.0184	0.0542	0.0481	0.0575	0.0212	0.0180	0.0266	0.0347	0.0295
421	TEACHER-HS MATH	62	0.0035	0.0347	0.0628	0.0693	0.0636	0.0252	0.0279	0.0342	0.0159	-0.0084
422	TEACHER-HS SCI	41	0.0186	0.0151	0.0365	0.0474	0.0301	0.0173	0.0137	0.0301	0.0194	0.0287
423	TEACHER-HS SOC ST	68	0.0168	0.0176	0.0422	0.0486	0.0295	0.0152	0.0191	0.0280	0.0292	0.0328
424	TEACHER-ENGLISH	150	0.0309	0.0236	0.0722	0.0683	0.0590	0.0277	0.0265	0.0351	0.0714	0.0545
425	TEACHER-FOREIGN LANG	58	0.0305	0.0377	0.0583	0.0663	0.0404	0.0270	0.0260	0.0460	0.0387	0.0236
426	TEACHER-COMM ED	50	-0.0056	0.0189	-0.0004	-0.0075	0.0358	0.0232	0.0175	0.0165	0.0096	-0.0053
427	TEACHER-HS HOME EC	63	0.0010	0.0170	0.0281	0.0067	0.0244	0.0136	0.0246	0.0107	-0.0048	-0.0043
428	TEACHER-TRADES	2	-0.0025	0.0045	-0.0112	-0.0047	0.0055	-0.0002	0.0013	-0.0004	-0.0046	0.0011
429	TEACHER-PHYS ED	44	0.0154	0.0041	0.0266	0.0189	-0.0049	0.0152	-0.0024	0.0111	-0.0111	-0.0062
431	TEACHER-ART	51	0.0062	0.0169	0.0377	0.0350	0.0194	0.0216	0.0151	0.0154	0.0265	0.0053
432	TEACHER-MUSIC	58	0.0305	0.0209	0.0367	0.0330	0.0306	0.0182	0.0107	0.0157	0.0313	0.0088
433	TEACHER-SPEECH	4	0.0208	0.0049	0.0088	0.0069	0.0143	-0.0039	-0.0009	0.0051	0.0059	0.0136
440	TEACHER-HANDICAPPED	60	0.0076	0.0131	0.0447	0.0405	0.0073	0.0239	0.0231	0.0210	0.0156	0.0247
441	SPEECH THERAPIST	40	0.0148	0.0117	0.0460	0.0530	0.0105	0.0244	0.0290	0.0050	0.0268	0.0119
450	SCH ADM (EXC COLL)	9	0.0291	0.0114	0.0145	0.0195	0.0217	0.0255	0.0148	0.0184	0.0150	0.0167
460	COLL/UNIV TCHR (NEC)	90	0.0314	0.0349	0.0617	0.0651	0.0497	0.0240	0.0161	0.0356	0.0548	0.0423
461	COLL/UNIV TCHR-MATH	8	0.0015	0.0150	0.0240	0.0277	0.0366	-0.0019	0.0080	0.0151	0.0074	0.0167
462	COLL/UNIV TCHR-SCI	20	0.0003	0.0122	0.0343	0.0494	0.0535	-0.0042	0.0066	0.0325	0.0232	0.0215
463	COLL/UNIV TCHR-SOC SCI	25	0.0222	0.0305	0.0425	0.0457	0.0605	0.0084	0.0113	0.0390	0.0380	0.0427
464	COLL/UNIV TCHR-ENGLISH	49	0.0185	0.0319	0.0525	0.0620	0.0690	0.0076	0.0073	0.0458	0.0670	0.0432
465	COLL/UNIV TCHR-FOR LANG	21	0.0231	0.0125	0.0282	0.0438	0.0382	0.0163	0.0109	0.0274	0.0401	0.0230
470	COLL/UNIV TCHR-ADM	2	-0.0003	0.0013	0.0004	0.0098	0.0116	0.0095	0.0072	0.0132	0.0032	0.0093
511	LIBRARIAN	54	-0.0022	0.0218	0.0446	0.0511	0.0407	0.0105	0.0168	0.0338	0.0333	0.0339

TABLE 4.4 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS									
			S.A.I. (CONTD)		STUDENT INFORMATION BLANK SCALES							
			SELF-CONFIDENCE	MATURE PERSONALITY	HS CURRICULUM-ACAD VS OTHER	HS COURSES (ACAD ORIENT)	HS GRADES	GUIDANCE RECD IN HS	GUIDANCE RECD ELSEWHERE	STUDY HABITS & ATTITUDES	SELF-PERCEP OF WRTG SKILLS	SELF-PERCEP OF RDNG SKILLS
			R-609	R-610	D-802	F-803	P-820	F-822	F-823	P-827	P-828	P-829
521	CLERGYMAN	8	0.0143	0.0063	0.0008	0.0044	0.0107	-0.0073	0.0212	0.0134	0.0048	0.0078
522	MONK, BROTHER, NUN	46	0.0064	0.0212	0.0431	0.0566	0.0231	0.0226	0.0165	0.0181	0.0164	0.0091
523	RELIG WRKR (OTHER)	36	0.0056	0.0067	0.0126	0.0142	0.0094	0.0152	0.0051	0.0049	0.0066	0.0113
531	WRITER (NEC)	31	0.0055	0.0058	0.0296	0.0346	0.0231	0.0092	0.0158	0.0078	0.0374	0.0266
532	FICTION WRITER	3	-0.0030	0.0024	0.0052	0.0170	0.0157	0.0022	0.0096	0.0097	0.0095	0.0007
533	NONFIC WRTR (EXC JRNLST)	5	0.0083	0.0102	0.0116	0.0171	0.0118	0.0074	0.0157	0.0051	-0.0038	-0.0034
534	JRNLST/RPRTER	20	0.0098	0.0016	0.0159	0.0207	0.0167	0.0053	0.0075	0.0167	0.0401	0.0333
536	PUBLISHER, ETC.	5	-0.0039	-0.0042	0.0043	0.0057	0.0018	-0.0030	-0.0035	-0.0056	0.0181	0.0074
537	EDITOR	8	0.0015	0.0112	0.0240	0.0344	0.0159	0.0110	0.0119	-0.0024	0.0208	0.0078
539	TRNSLTR, INTRPRTR, LINGST	9	0.0079	-0.0029	0.0145	0.0194	0.0278	0.0042	-0.0087	0.0120	0.0137	-0.0012
541	FINE ARTS	31	0.0180	0.0086	0.0148	0.0094	-0.0044	0.0160	-0.0050	-0.0054	0.0164	0.0064
545	COMM ARTIST	41	0.0044	-0.0065	0.0133	0.0031	-0.0014	0.0088	-0.0124	-0.0104	0.0066	0.0015
547	DESIGNER (CONS GDS)	5	0.0001	-0.0028	0.0116	0.0091	-0.0067	-0.0087	-0.0084	-0.0070	0.0123	-0.0015
551	MUSICIAN	11	0.0161	-0.0007	0.0133	0.0178	0.0057	0.0083	0.0001	0.0160	0.0188	0.0095
552	SINGER	5	0.0015	0.0054	0.0043	0.0003	0.0010	0.0055	0.0002	0.0051	0.0028	-0.0128
559	MUSIC-REL (MISC)	9	0.0160	0.0119	0.0090	0.0120	0.0028	0.0164	0.0129	0.0072	0.0082	0.0128
560	DANCER, CHOREOG	14	0.0015	0.0095	0.0010	0.0023	0.0047	-0.0099	-0.0013	0.0055	-0.0028	0.0029
571	ACTOR	6	0.0093	-0.0041	0.0141	0.0076	-0.0041	-0.0007	-0.0102	-0.0137	0.0086	0.0126
575	THEATRE ((OTHER)	14	0.0218	0.0332	0.0274	0.0258	-0.0050	0.0019	0.0027	0.0119	0.0285	0.0194
579	MISC PERF ARTS	3	0.0110	0.0095	0.0052	0.0019	-0.0067	0.0044	0.0088	0.0060	0.0085	0.0104
581	MODEL	4	0.0041	0.0033	0.0005	-0.0026	-0.0094	0.0017	-0.0009	-0.0021	0.0050	-0.0085
621	RECREATION DIR	12	0.0027	-0.0097	0.0152	0.0160	0.0076	0.0063	-0.0020	0.0065	0.0097	0.0133
622	CMPNG, SCTNG, PRK GD	3	0.0022	0.0122	0.0147	0.0115	-0.0047	0.0022	0.0008	0.0032	0.0069	0.0044
639	FARMING (OTHER)	6	0.0081	0.0009	-0.0128	-0.0149	0.0029	-0.0089	0.0034	-0.0124	-0.0091	-0.0186
711A	BANKING & FINANCE, I	30	-0.0080	-0.0038	-0.0316	-0.0166	0.0068	0.0164	0.0167	0.0050	-0.0029	0.0048
711B	BANKING & FINANCE, II	4	0.0041	-0.0066	0.0088	0.0109	-0.0060	-0.0034	-0.0030	0.0019	-0.0056	0.0052
712	INVSTMNT, STOCK CONSULT	2	-0.0068	0.0067	0.0004	-0.0015	-0.0054	-0.0026	0.0062	0.0008	-0.0079	-0.0078
716	CPA	25	0.0088	0.0137	0.0030	0.0068	0.0083	-0.0008	0.0077	0.0035	-0.0003	0.0043
717	ACCTANT (EXC CPA)	50	-0.0051	-0.0015	-0.0120	-0.0077	-0.0019	0.0032	0.0015	0.0000	-0.0177	-0.0013
721	PURCHASING AGENT	4	-0.0020	-0.0020	-0.0159	-0.0182	-0.0159	-0.0100	-0.0203	0.0027	-0.0134	-0.0042
722	RETAIL BUYER	24	0.0007	0.0025	0.0215	0.0099	-0.0030	0.0006	0.0026	0.0102	0.0029	-0.0009
724	ADVERTISING	32	0.0169	0.0080	0.0248	0.0294	0.0032	0.0104	-0.0038	0.0059	0.0246	0.0050
725	PUBLIC RELATIONS	16	0.0150	0.0147	0.0134	0.0055	0.0016	-0.0082	-0.0077	-0.0034	0.0049	0.0118
726	PERSONNEL ADMIN	25	0.0046	0.0097	0.0261	0.0417	0.0180	0.0159	0.0013	0.0083	0.0092	0.0041
727	APPRAISING, ESTIMATING	13	-0.0072	-0.0070	-0.0150	-0.0051	-0.0019	0.0041	-0.0001	-0.0022	-0.0042	-0.0080
728	LOAN/CREDIT INVESTIG	11	-0.0150	-0.0035	-0.0165	-0.0081	0.0013	-0.0005	-0.0044	-0.0042	-0.0037	-0.0139
730	BUS MGMT ADM (NEC)	19	-0.0000	-0.0063	0.0031	-0.0027	-0.0071	0.0023	-0.0121	-0.0103	0.0016	-0.0041
732	WHSL/RET TRADE MGMT/MKTG	12	0.0062	0.0004	0.0104	0.0163	-0.0046	0.0011	0.0116	0.0005	-0.0025	0.0069
738	SUPERVISOR IN BUS	8	0.0133	0.0047	0.0124	0.0083	0.0031	0.0070	-0.0111	0.0072	0.0025	0.0122
741	SALESCLERK	34	-0.0129	-0.0100	-0.0436	-0.0402	-0.0275	-0.0084	-0.0055	-0.0155	-0.0165	-0.0169
743	STOCKBROKER	4	0.0193	0.0026	0.0170	0.0239	0.0078	0.0005	0.0032	0.0195	0.0064	0.0031
745	REAL ESTATE SLSMAN	6	0.0130	0.0091	0.0007	0.0041	0.0089	0.0160	0.0169	0.0046	0.0105	-0.0079
746	INSURANCE SLSMAN	5	-0.0107	0.0068	-0.0104	-0.0053	-0.0036	0.0053	0.0045	-0.0013	-0.0075	-0.0156
748	OTHER SLSMAN (NEC)	13	0.0054	0.0049	-0.0059	0.0010	-0.0038	0.0208	0.0006	0.0022	0.0063	-0.0120
749	SALES MGR	2	0.0125	-0.0052	0.0120	0.0070	-0.0182	0.0029	0.0013	-0.0162	0.0032	0.0070
751	BOOKKEEPER	131	-0.0218	-0.0045	-0.0568	-0.0477	-0.0228	-0.0087	-0.0163	-0.0039	-0.0342	-0.0214
752	TELLER OR BANK CLRK	37	0.0058	-0.0150	-0.0268	-0.0205	-0.0073	-0.0015	-0.0001	-0.0039	-0.0006	0.0028
753	CASHIER	17	-0.0080	-0.0034	-0.0049	-0.0127	-0.0152	0.0041	-0.0059	-0.0042	-0.0008	0.0004
755	MISC ACCT RECDG	64	-0.0008	-0.0095	-0.0225	-0.0170	-0.0062	-0.0101	0.0095	-0.0032	-0.0150	-0.0001
756	KEYPUNCH OP	83	-0.0147	-0.0299	-0.0437	-0.0417	-0.0454	-0.0126	-0.0186	-0.0401	-0.0302	-0.0314
757	KEYPUNCH INSTRUC	4	-0.0066	0.0064	-0.0077	-0.0046	-0.0051	-0.0027	0.0088	-0.0069	-0.0042	-0.0037
758	COMPUTER OP	65	-0.0097	-0.0164	-0.0295	-0.0340	-0.0258	-0.0169	-0.0267	-0.0239	-0.0154	-0.0148
761	SECRETARY (NEC)	997	-0.0186	-0.0012	-0.1192	-0.1138	-0.0031	-0.0054	-0.0226	0.0111	0.0074	-0.0037
762	SECRETARY-BOOKKEEPER	23	0.0023	-0.0034	-0.0244	-0.0206	-0.0048	-0.0021	0.0128	-0.0086	-0.0023	-0.0002
763	MED/DENT SECRETARY	47	-0.0068	-0.0066	-0.0137	-0.0073	-0.0089	0.0161	0.0191	-0.0052	-0.0004	-0.0008
764	LEGAL SECRETARY	61	0.0073	0.0158	-0.0200	-0.0211	0.0086	0.0015	-0.0043	0.0097	0.0151	0.0108
765	STENO, CRT RPRTR	69	-0.0070	-0.0095	-0.0424	-0.0357	-0.0015	-0.0157	-0.0082	-0.0108	-0.0036	0.0060
766	TYPIST, CLERK TYPIST	103	-0.0158	-0.0218	-0.0533	-0.0511	-0.0364	-0.0262	-0.0239	-0.0362	-0.0219	-0.0089
768	PROOFREADER	2	-0.0175	0.0002	-0.0112	-0.0107	-0.0030	-0.0016	-0.0182	-0.0004	-0.0027	-0.0152
769	CLERK (MISC)	137	-0.0249	-0.0290	-0.0610	-0.0593	-0.0346	-0.0168	-0.0258	-0.0278	-0.0239	-0.0357
771	OFFICE SUPERVISOR	14	-0.0025	0.0042	-0.0166	-0.0152	-0.0013	0.0030	-0.0132	-0.0014	0.0058	0.0094
772	OFFICE MGR	5	0.0015	-0.0021	-0.0178	-0.0149	-0.0055	0.0000	-0.0035	0.0001	-0.0182	-0.0034
781	PHONE, PBX OP	45	-0.0059	-0.0175	-0.0338	-0.0315	-0.0325	-0.0168	-0.0064	-0.0139	-0.0167	-0.0197
789	OTHER "PUB CONT" OCCS	58	0.0014	-0.0173	-0.0131	-0.0125	-0.0122	-0.0200	-0.0208	-0.0082	-0.0069	-0.0153
791	RADIO, TELEGR, TTY OP	4	-0.0126	-0.0128	-0.0077	-0.0001	-0.0055	-0.0080	-0.0009	-0.0133	-0.0217	-0.0157
797	MISC CLERICAL	12	-0.0017	-0.0137	-0.0228	-0.0264	-0.0230	-0.0132	-0.0120	-0.0216	-0.0256	-0.0179
798	MISC ADMINISTRATIVE	17	0.0207	0.0152	0.0111	0.0151	0.0042	0.0046	0.0088	0.0059	0.0086	0.0167
833	METAL TRADES	2	-0.0025	0.0056	-0.0112	-0.0175	0.0019	-0.0036	-0.0124	-0.0004	-0.0013	-0.0137
861	PRINTING TRADES	6	0.0180	0.0178	-0.0060	-0.0069	-0.0034	0.0021	0.0017	0.0007	-0.0053	0.0023
864	DRAFTSMAN	4	0.0117	-0.0074	0.0088	0.0099	0.0001	0.0058	0.0032	0.0051	0.0078	0.0089
865	PHOTOGRAPHY	4	-0.0020	0.0003	0.0005	0.0079	-0.0163	0.0175	0.0101	-0.0181	-0.0079	-0.0189
866	INTERIOR DECORATOR	21	0.0065	0.0051	0.0138	0.0042	0.0045	0.0082	-0.0006	0.0083	0.0200	0.0070
867	LANDSCAPE ARCHIT	2	-0.0111	0.0056	0.0120	0.0091	0.0055	0.0060	-0.0016	0.0053	-0.0098	0.0004
868	CLTHNG & FASH TRADES	50	-0.0030	-0.0158	-0.0120	-0.0216	-0.0192	-0.0093	-0.0052	-0.0208	-0.0216	-0.0042
871	DIETITIAN	22	0.0073	0.0218	0.0293	0.0379	0.0216	0.0126	0.0173	0.0288	0.0044	0.0081
872	HOME ECONOMIST	30	0.0037	0.0248	0.0285	0.0117	0.0148	0.0202	0.0134	0.0103	0.0057	0.0048
873	AIRLN STEWRD, STEWRDESS	13	0.0046	-0.0006	0.0033	-0.0015	-0.0120	-0.0008	0.0098	0.0057	-0.0004	-0.0045
881	FOOD & BEVERAGE PREP	5	-0.0012	-0.0090	-0.0178	-0.0156	-0.0109	0.0003	-0.0047	-0.0156	0.0024	-0.0123
891	MISC PERSONAL SERV	28	-0.0128	-0.0196	-0.0421	-0.0358	-0.0318	-0.0125	-0.0092	-0.0285	-0.0185	-0.0139
893	HAIRDRESSER	196	-0.0056	-0.0342	-0.0718	-0.0750	-0.0576	-0.0340	-0.0202	-0.0556	-0.0389	-0.0548
894	PRACTICAL NURSE	118	-0.0226	-0.0225	-0.0198	-0.0259	-0.0403	0.0039	-0.0093	-0.0291	-0.0276	-0.0209
895	NURSES' AIDE	23	0.0099	0.0040	-0.0038	-0.0116	-0.0116	0.0147	0.0062	-0.0059	-0.0048	-0.0017
896	DOMESTIC SERVICE	4	-0.0111	0.0026	-0.0077	-0.0097	-0.0159	-0.0034	0.0032	-0.0069	-0.0148	0.0016
899	GENERAL LABORER	76	-0.0203	-0.0189	-0.0487	-0.0645	-0.0293	-0.0243	-0.0482	-0.0285	-0.0339	-0.0226

TABLE 4.4 (continued)

			POINT BISERIAL CORRELATIONS								
			STUDENT INFORMATION BLANK SCALES (CONTD.)								
#	GROUP	N	AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
000	NO ANSWER	1639	-0.0206	-0.0106	-0.0313	-0.0145	-0.0117	-0.0362	-0.0374	-0.0159	-0.0049
001	DON'T KNOW	262	0.0074	-0.0184	-0.0237	0.0002	-0.0101	-0.0023	-0.0358	-0.0224	-0.0099
010	HOUSEWIFE	4695	-0.1172	-0.0977	-0.1188	-0.0609	-0.0537	-0.0228	-0.0748	0.1294	0.0545
020	NO SPEC INCOME JOB	14	-0.0118	0.0000	-0.0027	-0.0140	-0.0115	-0.0179	-0.0111	-0.0011	-0.0261
101	EXECUTIVE (NEC)	2	-0.0080	0.0002	0.0025	0.0053	0.0089	-0.0031	0.0078	-0.0051	-0.0020
102	FOREMAN (NEC)	3	0.0126	0.0043	0.0016	0.0219	0.0119	0.0084	0.0025	-0.0113	0.0068
111	WORK FOR GOVT (NEC)	30	0.0118	0.0008	0.0000	-0.0071	0.0039	-0.0050	0.0121	-0.0152	-0.0122
112	IN BUS FOR SELF (NEC)	18	0.0062	0.0072	0.0125	0.0083	0.0137	0.0010	0.0161	0.0034	0.0100
120	IND, BUS, COMM	35	-0.0193	-0.0146	-0.0153	-0.0127	-0.0078	0.0154	-0.0019	0.0025	0.0034
121	RETAIL (NEC)	7	0.0143	0.0013	0.0075	0.0031	0.0001	-0.0040	-0.0020	-0.0006	-0.0097
122	TRANSPORTATION (NEC)	5	-0.0142	-0.0003	-0.0017	0.0073	0.0117	0.0126	0.0091	0.0123	-0.0007
123	REAL ESTATE (NEC)	2	0.0034	0.0101	0.0075	0.0031	0.0095	0.0142	-0.0034	-0.0037	0.0114
124	INSURANCE (NEC)	13	0.0042	0.0061	0.0020	-0.0001	-0.0001	0.0015	-0.0004	-0.0019	-0.0032
125	ELECTRONICS (NEC)	3	0.0157	-0.0173	-0.0158	0.0015	0.0008	-0.0038	-0.0109	-0.0097	0.0054
140	"WRK WTH PEOPLE" (NEC)	8	0.0193	0.0054	0.0049	0.0168	0.0240	0.0117	0.0011	0.0009	-0.0035
141	"WRK WITH CHILDR" (NEC)	14	0.0034	0.0115	-0.0067	0.0037	0.0060	-0.0109	0.0047	-0.0147	-0.0024
150	RESEARCH	6	-0.0026	-0.0035	-0.0014	-0.0076	-0.0071	0.0086	0.0093	-0.0078	0.0033
211	MATH, STAT	8	0.0183	-0.0045	-0.0003	-0.0030	-0.0041	-0.0034	0.0152	-0.0143	-0.0006
212	OTHER STATISTICS	5	0.0166	0.0160	0.0178	0.0064	0.0051	-0.0123	-0.0074	-0.0209	-0.0103
221	SYSTEMS ANALYST	6	0.0123	0.0044	0.0063	0.0095	0.0126	0.0099	0.0126	-0.0073	0.0090
222	COMPUTER PROGRAMMER	45	0.0231	0.0080	0.0131	0.0018	-0.0031	0.0039	0.0028	-0.0096	-0.0043
229	COMPUTER SPEC (NEC)	7	0.0114	0.0030	0.0026	0.0068	-0.0005	0.0213	0.0019	0.0061	-0.0012
231	CHEMIST	25	0.0229	0.0028	0.0038	0.0075	-0.0014	-0.0117	0.0029	-0.0099	-0.0088
234	GEOLOGIST	2	0.0072	0.0002	0.0038	0.0130	0.0151	0.0015	-0.0099	-0.0005	0.0030
241	CIVIL ENGINEER	2	-0.0016	0.0035	0.0055	-0.0017	-0.0035	0.0027	-0.0043	0.0014	0.0005
245	CHEM ENGINEER	2	0.0224	0.0002	0.0017	-0.0042	-0.0072	0.0050	0.0035	-0.0131	0.0014
299	PHYS SCI, LAB TECH	23	0.0058	0.0031	0.0033	0.0128	-0.0043	0.0058	0.0032	-0.0041	-0.0090
310	BIOLOGIST, ZOOLOGIST	14	0.0310	0.0105	0.0061	0.0068	0.0021	0.0013	0.0001	-0.0117	-0,0087
314	WLDLF/FOREST SPEC	2	0.0017	-0.0097	-0.0166	0.0053	-0.0041	-0.0054	-0.0138	-0.0230	-0.0187
315	PHARMACOLOGIST	2	0.0031	-0.0031	-0.0054	0.0056	0.0064	0.0188	0.0048	-0.0023	-0.0087
316	MICROBIOLOGIST	15	0.0132	0.0156	0.0212	0.0180	0.0224	0.0163	0.0004	-0.0086	-0.0025
317	BIOCHEMIST	7	0.0222	-0.0005	0.0040	0.0029	0.0025	0.0152	0.0033	-0.0061	-0.0070
319	OTHER CHEM SCI	8	0.0221	0.0054	0.0059	0.0150	0.0132	0.0157	-0.0004	-0.0082	-0.0115
329	MD-OTHER	19	0.0278	0.0111	0.0055	0.0281	0.0222	0.0136	0.0085	-0.0197	-0.0003
333	VETERINARIAN	4	0.0141	0.0050	0.0018	0.0095	0.0117	0.0021	-0.0064	-0.0245	-0.0040
335	PHARMACIST	16	0.0112	0.0010	0.0088	0.0039	0.0016	-0.0068	0.0128	-0.0127	-0.0053
337	RN	703	0.0343	0.0271	0.0421	0.0245	0.0228	0.0384	0.0291	-0.0261	0.0206
341	DENTAL HYGIENIST	28	-0.0026	0.0078	0.0072	-0.0063	-0.0037	0.0115	0.0061	0.0074	-0.0154
343	PHYS THERAPIST	16	0.0089	0.0122	0.0167	0.0116	0.0066	0.0292	0.0111	0.0144	0.0104
344	OCCUP THERAPIST	13	0.0144	-0.0043	-0.0047	0.0102	0.0159	0.0006	0.0054	-0.0093	-0.0006
346	SPEC THERAPIST (MISC)	19	0.0124	0.0204	0.0264	0.0107	0.0134	0.0072	0.0171	0.0030	0.0049
347	MED/DENT TECHNOL	101	0.0162	0.0115	0.0168	0.0126	0.0100	-0.0111	-0.0032	-0.0059	0.0051
348	MED/DENT TECHNICIAN	134	0.0119	0.0033	0.0077	0.0208	0.0128	0.0056	0.0033	-0.0142	0.0092
360	PSYCHOLOGIST	37	0.0397	0.0215	0.0155	0.0010	0.0008	-0.0014	0.0093	0.0105	-0.0113
369	PSYCH RES ASST	2	0.0166	0.0134	0.0113	0.0250	0.0200	-0.0008	0.0113	-0.0098	0.0039
370	SOCIAL WORKER	190	0.0322	0.0420	0.0455	0.0129	0.0048	0.0010	0.0332	-0.0173	-0.0321
371	PSYCHIATRIC SOC WRKR	18	0.0350	0.0098	0.0134	0.0013	0.0047	0.0134	0.0118	0.0106	-0.0129
372	COUNSELING/GUIDANCE	16	0.0170	0.0169	0.0148	0.0012	-0.0061	0.0108	0.0007	-0.0094	-0.0177
373	VOC/ED GUIDANCE	32	0.0051	0.0035	0.0081	-0.0167	-0.0070	0.0040	0.0055	0.0061	-0.0069
382	ECONOMIST	4	0.0177	-0.0037	-0.0029	0.0077	-0.0014	0.0021	0.0004	0.0020	-0.0016
383	SOCIOLOGIST	2	0.0114	0.0002	0.0013	-0.0042	-0.0065	-0.0054	0.0031	-0.0084	-0.0095
384	ANTHROPOLOGIST	5	0.0068	0.0076	0.0115	0.0136	0.0113	0.0038	0.0102	-0.0096	-0.0097
389	SOCIAL SCI (MISC)	7	0.0302	0.0154	0.0135	-0.0031	-0.0005	-0.0009	0.0079	-0.0081	-0.0151
391	POLITICIAN	2	0.0058	0.0002	-0.0012	-0.0020	-0.0065	0.0015	0.0139	-0.0014	-0.0036
392	DIPLOMAT	8	0.0250	0.0169	0.0169	0.0091	0.0092	0.0059	-0.0090	0.0052	0.0090
393	LAWYER	13	0.0254	0.0154	0.0159	0.0078	0.0082	0.0034	0.0059	0.0032	-0.0167
397	PUBLIC ADM (NEC)	2	0.0031	0.0200	0.0204	-0.0020	-0.0090	0.0027	-0.0039	-0.0145	-0.0162
400	TEACHER (NEC)	1194	0.0453	0.0496	0.0716	0.0040	0.0054	0.0334	0.0503	-0.0375	-0.0343
410	TCHNG YNG CHILDR	7	0.0149	-0.0040	-0.0032	0.0029	0.0067	0.0096	-0.0013	-0.0094	-0.0008
411	TCHNG PRESCH CHILDR	37	0.0050	-0.0014	0.0062	-0.0036	-0.0004	0.0054	0.0041	0.0039	-0.0024
412	TEACHER-ELEM	752	0.0242	0.0537	0.0730	0.0350	0.0378	0.0130	0.0448	-0.0362	-0.0188
420	TEACHER-HS (NEC)	89	0.0250	0.0063	0.0133	-0.0012	-0.0014	0.0055	0.0170	-0.0121	-0.0246
421	TEACHER-HS MATH	62	0.0118	0.0172	0.0214	0.0265	0.0204	0.0110	0.0094	0.0050	-0.0060
422	TEACHER-HS SCI	41	0.0376	-0.0006	0.0040	0.0093	0.0102	0.0144	0.0271	-0.0232	-0.0029
423	TEACHER-HS SOC ST	68	0.0267	0.0093	0.0114	-0.0136	-0.0066	0.0085	0.0134	-0.0040	-0.0104
424	TEACHER-ENGLISH	150	0.0489	0.0241	0.0332	-0.0071	-0.0133	-0.0046	0.0243	0.0072	-0.0051
425	TEACHER-FOREIGN LANG	58	0.0166	0.0159	0.0223	-0.0064	-0.0044	0.0001	0.0043	-0.0150	-0.0242
426	TEACHER-COMM ED	50	-0.0030	0.0165	0.0171	0.0030	-0.0010	-0.0002	[illegible]	0.0085	-0.0049
427	TEACHER-HS HOME EC	63	0.0026	0.0070	0.0217	0.0348	0.0356	0.0020	0.0249	-0.0055	-0.0006
428	TEACHER-TRADES	2	-0.0069	0.0134	0.0125	0.0104	0.0169	0.0050	0.0113	-0.0061	-0.0003
429	TEACHER-PHYS ED	44	0.0078	0.0150	0.0164	0.0102	-0.0004	0.0675	0.0290	-0.0023	-0.0143
431	TEACHER-ART	51	0.0067	0.0125	0.0221	0.0350	0.0553	0.0142	0.0075	-0.0048	-0.0081
432	TEACHER-MUSIC	58	-0.0063	0.0261	0.0424	0.0052	0.0056	-0.0124	0.0248	0.0026	-0.0058
433	TEACHER-SPEECH	4	0.0003	0.0026	0.0021	-0.0091	-0.0062	-0.0003	0.0092	-0.0093	-0.0105
440	TEACHER-HANDICAPPED	60	0.0201	0.0178	0.0198	0.0087	0.0117	0.0141	0.0102	-0.0123	-0.0027
441	SPEECH THERAPIST	40	0.0159	0.0152	0.0221	-0.0068	-0.0008	0.0108	0.0081	0.0087	-0.0169
450	SCH ADM (EXC COLL)	9	0.0078	0.0214	0.0257	0.0097	0.0093	0.0113	0.0219	0.0061	0.0094
460	COLL/UNIV TCHR (NEC)	90	0.0446	0.0236	0.0286	0.0263	0.0300	0.0161	0.0080	-0.0159	-0.0058
461	COLL/UNIV TCHR-MATH	8	0.0218	0.0037	0.0117	0.0003	0.0030	-0.0005	0.0024	-0.0066	-0.0115
462	COLL/UNIV TCHR-SCI	20	0.0368	0.0019	-0.0020	-0.0022	-0.0074	-0.0055	0.0149	-0.0296	-0.0100
463	COLL/UNIV TCHR-SOC SCI	25	0.0448	0.0077	0.0150	-0.0000	-0.0016	-0.0013	0.0170	-0.0091	-0.0097
464	COLL/UNIV TCHR-ENGLISH	49	0.0457	0.0048	0.0140	-0.0064	-0.0039	-0.0125	0.0256	-0.0116	-0.0202
465	COLL/UNIV TCHR-FOR LANG	21	0.0157	0.0144	0.0160	0.0069	0.0117	0.0088	0.0026	-0.0045	-0.0112
470	COLL/UNIV TCHR-ADM	2	0.0070	-0.0064	-0.0054	0.0005	0.0033	0.0027	-0.0026	-0.0033	-0.0145
511	LIBRARIAN	54	0.0514	-0.0028	-0.0044	0.0019	-0.0086	-0.0176	0.0024	-0.0261	0.0008

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TABLE 4.4 (continued)

#	GROUP	N	POINT BISERIAL CORRELATIONS								
			STUDENT INFORMATION BLANK SCALES (CONTD.)								
			AMT OF EXTRA-CURRIC RDNG	VAR OF EXTRA-CURR GRP ACT	VAR OF PARTIC IN EX-CURR GRP ACT	VARIETY OF HOBBIES	DEGREE OF ACT IN HOBBIES	PARTIC IN SPORTS	LEADERSHIP ROLES	SOCIAL LIFE	WORK ACTIVITIES
			F-830	P-831	F-832	P-833	F-834	F-835	F-836	F-837	F-838
521	CLERGYMAN	8	0.0098	-0.0029	0.0042	0.0034	0.0073	0.0007	-0.0058	-0.0063	-0.0035
522	MONK, BROTHER, NUN	46	0.0187	0.0130	0.0160	0.0066	-0.0042	0.0120	0.0096	-0.0353	0.0260
523	RELIG WRKR (OTHER)	36	0.0122	-0.0137	-0.0050	0.0038	0.0054	0.0009	0.0023	-0.0360	0.0015
531	WRITER (NEC)	31	0.0332	0.0071	0.0112	0.0152	0.0162	0.0015	0.0068	0.0015	0.0034
532	FICTION WRITER	3	0.0036	-0.0038	0.0006	0.0254	0.0154	-0.0029	0.0085	-0.0029	-0.0069
533	NONFIC WRTR (EXC JRNLST)	5	0.0112	0.0097	0.0123	0.0092	0.0070	0.0068	-0.0010	-0.0043	0.0014
534	JRNLST/RPRTER	20	0.0301	0.0017	0.0063	0.0075	0.0014	0.0044	-0.0044	0.0085	-0.0182
536	PUBLISHER, ETC.	5	-0.0035	-0.0049	-0.0011	0.0001	-0.0043	0.0228	0.0275	-0.0022	-0.0060
537	EDITOR	9	0.0243	0.0054	0.0099	0.0007	0.0017	0.0030	0.0037	0.0066	-0.0123
539	TRNSLTR, INTRPRTR, LINGST	9	0.0136	0.0090	0.0110	0.0216	0.0055	-0.0094	0.0131	-0.0134	-0.0095
541	FINE ARTS	31	0.0195	0.0120	0.0068	0.0425	0.0521	0.0197	0.0125	0.0033	-0.0147
545	COMM ARTIST	41	0.0005	0.0137	0.0243	0.0320	0.0350	0.0116	0.0044	-0.0111	-0.0127
547	DESIGNER (CONS GDS)	5	0.0017	0.0014	-0.0088	0.0187	0.0250	-0.0071	-0.0150	0.0070	-0.0124
551	MUSICIAN	11	0.0239	0.0012	0.0060	0.0100	0.0130	0.0020	0.0235	-0.0079	-0.0134
552	SINGER	5	0.0057	0.0014	0.0049	0.0075	0.0074	0.0031	0.0118	-0.0055	-0.0198
559	MUSIC-REL (MISC)	9	0.0081	-0.0004	0.0076	0.0096	0.0171	0.0070	0.0001	-0.0229	-0.0111
560	DANCER, CHOREOG	14	0.0063	0.0055	-0.0008	-0.0006	0.0124	0.0022	-0.0052	0.0043	-0.0002
571	ACTOR	6	0.0045	-0.0092	-0.0045	0.0034	-0.0028	-0.0021	0.0098	0.0024	-0.0116
575	THEATRE ((OTHER)	14	0.0138	0.0093	0.0042	0.0003	0.0072	0.0149	0.0057	-0.0018	-0.0210
579	MISC PERF ARTS	3	0.0101	0.0043	0.0091	0.0117	0.0109	0.0179	0.0174	0.0025	-0.0028
581	MODEL	4	0.0110	0.0166	0.0180	0.0007	0.0104	-0.0020	0.0138	0.0000	0.0108
621	RECREATION DIR	12	0.0047	0.0113	0.0103	0.0117	0.0077	0.0230	0.0080	0.0000	-0.0042
622	CMPNG, SCTNG, PRK GD	3	0.0047	0.0070	0.0128	0.0156	0.0281	0.0056	0.0174	0.0006	-0.0021
639	FARMING (OTHER)	6	0.0006	0.0080	0.0037	0.0189	0.0144	0.0146	-0.0077	-0.0173	0.0043
711A	BANKING & FINANCE, I	30	0.0015	0.0062	0.0104	0.0109	0.0104	0.0082	0.0220	0.0085	0.0083
711B	BANKING & FINANCE, II	4	-0.0027	0.0003	-0.0017	-0.0044	0.0025	-0.0052	-0.0119	0.0063	0.0079
712	INVSTMNT, STOCK CONSULT	2	-0.0069	-0.0064	-0.0054	0.0005	-0.0010	0.0050	-0.0082	0.0000	-0.0028
716	CPA	25	-0.0006	-0.0026	0.0014	0.0050	0.0012	0.0109	0.0035	-0.0006	0.0045
717	ACCTANT (EXC CPA)	50	0.0076	-0.0060	-0.0078	0.0013	-0.0027	-0.0036	-0.0074	-0.0062	0.0070
721	PURCHASING AGENT	4	-0.0091	-0.0013	-0.0035	0.0041	0.0004	0.0111	0.0126	0.0023	0.0126
722	RETAIL BUYER	24	0.0051	0.0078	0.0054	-0.0052	-0.0013	-0.0002	0.0049	0.0033	-0.0020
724	ADVERTISING	32	0.0108	0.0096	0.0128	-0.0122	-0.0012	0.0060	0.0072	-0.0021	-0.0002
725	PUBLIC RELATIONS	16	0.0031	0.0164	0.0123	0.0118	0.0046	0.0071	0.0051	0.0108	0.0048
726	PERSONNEL ADMIN	25	0.0131	0.0145	0.0134	0.0069	0.0047	0.0167	0.0195	0.0046	0.0021
727	APPRAISING, ESTIMATING	13	-0.0004	-0.0102	-0.0132	-0.0099	-0.0105	0.0015	-0.0147	-0.0141	0.0027
728	LOAN/CREDIT INVESTIG	11	-0.0016	0.0012	-0.0000	0.0047	-0.0018	-0.0093	-0.0106	-0.0001	0.0002
730	BUS MGMT ADM (NEC)	19	-0.0065	0.0076	0.0087	0.0075	-0.0000	0.0012	0.0021	0.0018	-0.0081
732	WHSL/RET TRADE MGMT/MKTG	12	0.0148	0.0028	0.0042	0.0032	0.0089	0.0093	0.0109	0.0084	0.0122
738	SUPERVISOR IN BUS	8	0.0165	0.0120	0.0169	0.0084	0.0172	0.0065	0.0029	-0.0023	0.0032
741	SALESCLERK	34	-0.0274	-0.0211	-0.0229	-0.0140	-0.0156	-0.0163	-0.0077	0.0104	0.0095
743	STOCKBROKER	4	0.0083	0.0026	-0.0023	-0.0044	-0.0023	0.0062	0.0000	0.0030	-0.0034
745	REAL ESTATE SLSMAN	6	0.0117	0.0099	0.0114	0.0066	0.0076	0.0006	0.0198	0.0087	-0.0034
746	INSURANCE SLSMAN	5	-0.0107	0.0014	0.0005	0.0031	-0.0047	0.0031	0.0036	0.0147	0.0088
748	OTHER SLSMAN (NEC)	13	0.0010	0.0063	0.0038	0.0013	-0.0127	0.0047	0.0120	0.0097	-0.0022
749	SALES MGR	2	0.0086	0.0068	-0.0029	-0.0068	-0.0022	0.0050	-0.0039	0.0042	-0.0028
751	BOOKKEEPER	131	-0.0078	-0.0099	-0.0126	-0.0052	0.0034	-0.0092	-0.0137	-0.0021	0.0135
752	TELLER OR BANK CLRK	37	-0.0061	-0.0064	-0.0055	-0.0104	-0.0093	0.0032	0.0105	0.0036	0.0299
753	CASHIER	17	0.0022	-0.0008	-0.0015	-0.0097	-0.0041	-0.0071	-0.0059	-0.0018	0.0041
755	MISC ACCT RECDG	64	0.0033	-0.0062	-0.0075	-0.0013	0.0059	0.0163	0.0006	0.0087	0.0137
756	KEYPUNCH OP	83	-0.0190	-0.0168	-0.0235	-0.0055	-0.0083	-0.0109	-0.0053	-0.0016	-0.0018
757	KEYPUNCH INSTRUC	4	-0.0064	-0.0020	0.0036	-0.0011	0.0021	-0.0159	-0.0030	-0.0013	-0.0034
758	COMPUTER OP	65	-0.0202	-0.0037	-0.0110	-0.0009	-0.0052	-0.0100	-0.0090	-0.0023	-0.0053
761	SECRETARY (NEC)	997	-0.0476	-0.0089	-0.0133	-0.0184	-0.0258	-0.0261	-0.0105	0.0002	0.0081
762	SECRETARY-BOOKKEEPER	23	-0.0117	-0.0062	-0.0051	-0.0133	-0.0030	-0.0035	0.0009	0.0063	0.0028
763	MED/DENT SECRETARY	47	-0.0030	0.0049	0.0056	0.0057	0.0103	0.0139	0.0011	0.0016	0.0050
764	LEGAL SECRETARY	61	0.0046	0.0034	0.0064	-0.0066	-0.0001	0.0078	0.0212	0.0045	0.0101
765	STENO, CRT RPRTR	69	-0.0178	-0.0043	-0.0052	0.0053	0.0036	-0.0048	-0.0031	-0.0066	0.0158
766	TYPIST, CLERK TYPIST	103	-0.0129	-0.0168	-0.0246	-0.0091	-0.0188	-0.0216	-0.0169	-0.0079	-0.0061
768	PROOFREADER	2	-0.0047	-0.0064	-0.0075	0.0166	-0.0010	0.0015	-0.0130	-0.0155	-0.0145
769	CLERK (MISC)	137	-0.0172	-0.0232	-0.0302	-0.0033	-0.0167	-0.0349	-0.0236	0.0012	0.0015
771	OFFICE SUPERVISOR	14	-0.0066	-0.0010	-0.0095	-0.0051	-0.0084	0.0000	0.0011	-0.0064	-0.0017
772	OFFICE MGR	5	-0.0026	-0.0132	-0.0222	-0.0043	-0.0074	0.0002	-0.0148	-0.0087	-0.0097
781	PHONE, PBX OP	45	-0.0187	-0.0243	-0.0269	-0.0337	-0.0273	-0.0205	-0.0113	-0.0066	0.0010
789	OTHER "PUB CONT" OCCS	58	-0.0189	-0.0075	-0.0110	-0.0185	-0.0145	0.0012	-0.0041	-0.0030	-0.0030
791	RADIO, TELEGR, TTY OP	4	-0.0095	0.0003	0.0009	0.0010	0.0017	-0.0012	-0.0003	0.0036	-0.0022
797	MISC CLERICAL	12	-0.0078	-0.0128	-0.0150	0.0022	-0.0024	0.0018	0.0079	-0.0113	0.0085
798	MISC ADMINISTRATIVE	17	0.0010	-0.0019	0.0008	0.0148	0.0084	0.0206	-0.0051	-0.0116	0.0125
833	METAL TRADES	2	0.0042	0.0002	-0.0016	0.0104	0.0083	0.0050	-0.0004	0.0014	-0.0036
861	PRINTING TRADES	6	0.0157	-0.0073	0.0008	0.0146	0.0108	0.0186	-0.0035	0.0100	-0.0015
864	DRAFTSMAN	4	0.0182	0.0003	-0.0067	0.0057	0.0025	0.0046	-0.0024	-0.0123	-0.0128
865	PHOTOGRAPHY	4	0.0063	-0.0114	-0.0047	0.0145	0.0078	0.0217	0.0123	-0.0053	-0.0004
866	INTERIOR DECORATOR	21	0.0024	0.0109	0.0201	0.0175	0.0222	0.0202	-0.0020	0.0146	-0.0225
867	LANDSCAPE ARCHIT	2	-0.0030	0.0035	0.0071	0.0250	0.0305	0.0188	-0.0013	-0.0084	0.0072
868	CLTHNG & FASH TRADES	50	0.0009	0.0008	-0.0142	-0.0106	-0.0074	-0.0384	-0.0164	-0.0147	-0.0017
871	DIETITIAN	22	0.0048	0.0126	0.0177	0.0060	0.0152	-0.0027	0.0056	-0.0095	-0.0035
872	HOME ECONOMIST	30	0.0099	-0.0001	0.0152	0.0088	0.0174	-0.0044	0.0096	0.0001	-0.0118
873	AIRLN STEWRD, STEWRDESS	13	-0.0082	0.0074	0.0059	0.0018	0.0108	0.0093	0.0200	0.0018	-0.0075
881	FOOD & BEVERAGE PREP	5	-0.0056	0.0014	0.0007	0.0133	0.0078	-0.0064	-0.0082	-0.0212	0.0019
891	MISC PERSONAL SERV	28	-0.0018	-0.0342	-0.0347	-0.0160	-0.0204	-0.0170	-0.0275	-0.0105	0.0116
393	HAIRDRESSER	196	-0.0375	-0.0089	-0.0186	0.0062	0.0063	-0.0093	-0.0009	0.0062	0.0154
894	PRACTICAL NURSE	118	-0.0029	0.0094	-0.0071	0.0127	0.0068	-0.0178	-0.0059	-0.0313	0.0044
895	NURSES' AIDE	23	0.0070	-0.0053	-0.0101	0.0076	0.0065	0.0006	-0.0036	-0.0139	0.0124
896	DOMESTIC SERVICE	4	0.0091	-0.0090	-0.0091	-0.0026	0.0047	-0.0020	-0.0128	-0.0152	0.0055
899	GENERAL LABORER	76	-0.0104	-0.0145	-0.0216	-0.0060	-0.0058	-0.0094	-0.0339	-0.0247	-0.0064

TABLE 5.1

POINT BISERIAL MULTIPLE CORRELATION BETWEEN HIGH SCHOOL TEST SCORES AND MEMBERSHIP IN AN OCCUPATIONAL GROUP FIVE YEARS OUT OF HIGH SCHOOL
CORRELATIONS BASED ON:

a) 17 SELECTED COGNITIVE VARIABLES, 12TH GRADE MALES AND FEMALES
b) 64 COGNITIVE VARIABLES, 11TH AND 12TH GRADE MALES AND FEMALES
c) 45 NON-COGNITIVE VARIABLES, 11TH AND 12TH GRADE MALES AND FEMALES
d) 109 COGNITIVE AND NON-COGNITIVE VARIABLES, 11TH AND 12TH GRADE MALES AND FEMALES

		17 SELECTED COGNITIVE VARIABLES		64 COGNITIVE VARIABLES				45 NON-COGNITIVE VARIABLES				109 COGNITIVE AND NON-COGNITIVE VARIABLES			
		12TH GRADE		11TH GRADE		12TH GRADE		11TH GRADE		12TH GRADE		11TH GRADE		12TH GRADE	
		MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES
000	NO ANSWER	.093	.165	.137	.186	.121	.183	.122	.143	.111	.158	.161	.205	.144	.202
001	DON'T KNOW	.084	.042	.098	.080	.111	.089	.120	.097	.134	.099	.141	.121	.152	.126
010	HOUSEWIFE		.221		.279		.279		.335		.330		.350		.347
020	NO SPEC INCOME JOB		.036		.065		.081		.061		.062		.088		.100
101	EXECUTIVE (NEC)	.038	.036	.075	.057	.075	.068	.052	.057	.059	.050	.088	.080	.093	.085
102	FOREMAN (NEC)	.049	.034	.094	.084	.079	.072	.086	.057	.082	.067	.113	.104	.108	.096
111	WORK FOR GOVT (NEC)	.040	.041	.079	.076	.067	.076	.058	.068	.066	.063	.094	.099	.092	.097
112	IN BUS FOR SELF (NEC)	.076	.040	.094	.068	.108	.069	.091	.046	.106	.058	.115	.081	.133	.090
120	IND, BUS, COMM	.034	.049	.072	.082	.068	.077	.068	.051	.062	.064	.097	.096	.088	.098
121	RETAIL (NEC)	.033	.043	.059	.065	.063	.074	.064	.040	.074	.065	.086	.076	.092	.095
122	TRANSPORTATION (NEC)	.034	.035	.064	.060	.069	.071	.055	.051	.060	.058	.085	.078	.090	.093
123	REAL ESTATE (NEC)	.036	.033	.063	.068	.068	.064	.051	.054	.069	.056	.082	.084	.094	.088
124	INSURANCE (NEC)	.045	.031	.073	.067	.068	.058	.061	.058	.063	.058	.096	.087	.089	.082
125	ELECTRONICS (NEC)	.068	.038	.099	.064	.116	.070	.093	.052	.106	.052	.122	.083	.140	.087
140	"WRK WTH PEOPLE" (NEC)		.031		.065		.063		.068		.055		.095		.081
141	"WRK WTH CHILDR" (NEC)		.053		.053		.107		.060		.073		.080		.127
150	RESEARCH	.034	.040			.064	.062			.053	.064			.084	.084
211	MATH, STAT	.073	.051	.097	.089	.102	.078	.090	.102	.108	.068	.116	.117	.127	.095
212	OTHER STATISTICS	.057	.050	.061		.186	.077	.062		.079	.078	.083		.108	.102
221	SYSTEMS ANALYST	.063	.054	.094	.087	.087	.080	.091	.081	.085	.080	.114	.109	.110	.101
222	COMPUTER PROGRAMMER	.042	.065	.080	.103	.073	.096	.080	.110	.080	.100	.106	.131	.105	.127
229	COMPUTER SPEC (NEC)	.029	.045	.074	.077	.062	.073	.066	.053	.057	.059	.092	.094	.082	.089
230	PHYSICAL SCI (NEC)	.045		.069	.067	.086		.074	.060	.067		.096	.087	.100	
231	CHEMIST	.080	.083	.111	.074	.106	.104	.116	.077	.104	.114	.136	.096	.128	.136
232	PHYSICIST	.079		.119		.124		.123		.111		.143		.141	
234	GEOLOGIST	.042	.033	.082		.062	.054	.075		.065	.072	.099		.083	.087
235	METEOROLOGIST	.048				.076				.058				.091	
240	ENGINEER (NEC)	.121		.164		.137		.166		.147		.191		.166	
241	CIVIL ENGINEER	.083	.035	.107		.105	.060	.103		.120	.050	.128		.139	.078
242	ELECTRICAL ENGINEER	.151		.177		.194		.175		.203		.202		.227	
243	MECH ENGINEER	.113		.126		.137		.136		.153		.156		.172	
244	AERONAUTICAL ENG	.065		.087		.088		.092		.080		.113		.108	
245	CHEM ENGINEER	.084	.033	.102		.108	.063	.101		.120	.068	.124		.137	.089
250	ARCHITECT	.067		.091		.097		.106		.108		.125		.130	
299	PHYS SCI, LAB TECH	.040	.042	.072	.065	.067	.070	.051	.067	.067	.080	.090	.092	.093	.098
310	BIOLOGIST, ZOOLOGIST	.043	.051	.078	.082	.082	.076	.087	.084	.086	.084	.108	.109	.108	.104
313	SPEC IN AGRIC SCI	.031		.079		.081		.082		.095		.105		.117	
314	WLDLF/FOREST SPEC	.038	.039	.093		.098	.072	.089		.099	.078	.119		.127	[illegible]
315	PHARMACOLOGIST		.033		.069		.063		.058		.072		.086		[illegible]
316	MICROBIOLOGIST	.038	.055	.067	.071	.074	.083	.063	.081	.057	.086	.090	.101	.091	[illegible]
317	BIOCHEMIST	.045	.049	.058	.067	.073	.081	.063	.064	.075	.075	.082	.086	.099	.102
319	OTHER CHEM SCI		.044		.066		.076		.066		.075		.090		.102
322	MD - SURGEON	.043		.062		.065		.070		.078		.091		.095	
329	MD - OTHER	.161	.064	.176	.070	.192	.092	.200	.073	.240	.099	.227	.096	.264	.124
332	DENTIST	.069		.104		.101		.127		.132		.146		.152	
333	VETERINARIAN	.038	.038	.088	.060	.076	.068	.104	.051	.081	.063	.126	.078	.106	.086
335	PHARMACIST	.052	.060	.088	.078	.087	.077	.083	.082	.108	.074	.111	.106	.131	.097
336	OPTOMETRIST			.066				.073				.094			
337	RN		.136	.068	.153		.194	.070	.266		.318	.096	.281		.334
341	DENTAL HYGIENIST		.028		.071		.071		.072		.071		.096		.097
343	PHYSICAL THERAPIST	.044	.048		.060	.065	.076		.072	.062	.073		.089	.089	.097
344	OCCUPATIONAL THERAP		.036		.066		.064		.056		.072		.082		.093
345	CHIROPRACTOR			.069				.057				.089			
346	SPEC THERAP (MISC)		.037		.064		.075		.072		.066		.092		.098
347	MED/DENT TECHNOLOGIST	.029	.077	.071	.101	.074	.104	.060	.113	.059	.124	.095	.133	.094	.142
348	MED/DENT TECHNICIAN	.036	.037	.074	.080	.082	.069	.067	.099	.072	.092	.096	.122	.106	.112
350	HOSPITAL ADMIN	.044		.070		.064		.060		.073		.092		.096	
360	PSYCHOLOGIST	.078	.060	.105	.110	.107	.093	.099	.089	.124	.088	.124	.126	.144	.114
369	PSYCH RES ASST		.028		.063		.059		.047		.058		.077		.082
370	SOCIAL WORKER	.052	.080	.076	.106	.086	.111	.076	.110	.077	.111	.096	.129	.107	.135
371	PSYCHIATRIC SOC WRKER	.043	.046		.074	.071	.065		.055	.058	.071		.088	.088	.089
372	COUNSELING/GUIDANCE	.031	.040	.062	.070	.067	.071	.059	.059	.071	.067	.087	.089	.098	.092
373	VOC/ED GUIDANCE	.039	.058	.085	.081	.071	.081	.081	.082	.067	.063	.112	.103	.096	.096
382	ECONOMIST	.049	.032	.071	.057	.071	.058	.062	.070	.068	.069	.038	.093	.096	.088
383	SOCIOLOGIST		.035		.062		.078		.064		.054		.090		.093
384	ANTHROPOLOGIST		.036		.073		.062		.052		.071		.088		.089
389	SOCIAL SCI (MISC)	.040	.042	.078	.069	.076	.076	.066	.055	.064	.070	.098	.085	.098	.098
391	POLITICIAN		.045	.067	.073		.070	.067	.064		.048	.092	.097		.085
392	DIPLOMAT	.059	.038	.075	.058	.084	.059	.064	.064	.068	.076	.092	.085	.103	.091
393	LAWYER	.143	.041	.196	.075	.185	.066	.215	.088	.227	.071	.242	.105	.245	.092
394	MARKET ANALYST	.043		.068	.059	.074		.056	.062	.047		.087	.084	.085	
397	PUBLIC ADM (NEC)		.029	.069			.054	.071			.055	.096			.076
398	CiTY PLANNER (NEC)	.037		.061	.060	.061		.059	.059	.063		.080	.081	.085	
400	TEACHER (NEC)	.073	.182	.116	.226	.133	.215	.133	.265	.146	.258	.157	.278	.176	.272
410	TCHNG YNG CHILDR		.041		.072		.065		.049		.060		.088		.084
411	TCHNG PRESCH CHILDR		.043		.065		.068		.061		.063		.085		.088
412	TEACHER - ELEM	.042	.114	.069	.137	.085	.153	.074	.184	.077	.201	.102	.198	.110	.218
420	TEACHER - HS (NEC)	.037	.076	.083	.091	.069	.102	.064	.085	.074	.092	.096	.110	.097	.119
421	TEACHER - HS MATH	.072	.122	.092	.107	.100	.146	.095	.111	.086	.143	.115	.134	.119	.172
422	TEACHER - HS SCI	.054	.058	.088	.079	.087	.082	.080	.091	.075	.097	.111	.107	.109	.114
423	TEACHER - HS SOC ST	.079	.061	.084	.099	.098	.098	.072	.101	.096	.102	.105	.129	.123	.124
424	TEACHER - ENGLISH	.070	.091	.090	.117	.103	.113	.078	.127	.100	.140	.106	.145	.129	.152
425	TEACHER - FOREIGN LANG	.034	.083	.078	.101	.075	.104	.071	.091	.070	.097	.098	.120	.100	.122
426	TEACHER - COMM ED	.033	.045	.065	.066	.072	.083	.063	.077	.074	.087	.189	.098	.103	.114
427	TEACHER - HS HOME EC		.055		.089		.097		.090		.090		.119		.127
428	TEACHER - TRADES	.046	.026	.070	.064	.085	.054	.071	.053	.087	.054	.096	.082	.115	.076
429	TEACHER - PHYS ED	.040	.036	.084	.088	.080	.090	.086	.126	.112	.114	.108	.142	.128	.140
431	TEACHER - ART	.038	.054	.082	.092	.072	.095	.094	.098	.193	.132	.116	.121	.111	.149
432	TEACHER - MUSIC	.063	.053	.096	.098	.104	.100	.122	.117	.127	.120	.141	.134	.151	.140
433	TEACHER - SPEECH		.034				.062				.062				.088
440	TEACHER - HANDICAPPED	.035	.046	.060	.083	.067	.074	.066	.078	.075	.071	.088	.104	.095	.094
441	SPEECH THERAPIST		.055		.072		.088		.070		.082		.095		.108
450	SCH ADM (EXC COLL)	.041	.034	.084	.058	.079	.065	.092	.056	.086	.067	.118	.080	.110	.094
460	COLL/UNIV TCHR (NEC)	.112	.080	.129	.120	.142	.106	.152	.127	.160	.106	.169	.146	.182	.127
461	COLL/UNIV TCHR - MATH	.069	.053	.108	.079	.097	.080	.110	.074	.102	.077	.135	.099	.123	.104
462	COLL/UNIV TCHR - SCI	.071	.068	.097	.103	.108	.090	.099	.088	.121	.106	.118	.120	.143	.122
463	COLL/UNIV TCHR - SOC SCI	.084	.065	.112	.072	.104	.090	.122	.080	.126	.101	.137	.099	.143	.119
464	COLL/UNIV TCHR - ENGLISH	.091	.086	.097	.087	.120	.120	.105	.094	.145	.130	.128	.112	.141	.152
465	COLL/UNIC TCHR - FOR LANG	.064	.059		.078	.089	.082		.078	.092	.086		.102	.116	.105
[illegible]	COLL/UNIV TCHR - ADM		.028	.070	.069		.070	.071	.049		.044	.096	.084		.083

TABLE 5.1 (continued)

		17 SELECTED COGNITIVE VARIABLES		64 COGNITIVE VARIABLES				45 NON-COGNITIVE VARIABLES				109 COGNITIVE AND NON-COGNITIVE VARIABLES			
		12TH GRADE		11TH GRADE		12TH GRADE		11TH GRADE		12TH GRADE		11TH GRADE		12TH GRADE	
		MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES
499	AUX JOBS IN EDUC				.066				.059				.088		
511	LIBRARIAN		.064	.080	.092		.088	.083	.101		.099	.105	.122		.118
521	CLERGYMAN	.101	.043	.167	.070	.171	.077	.201	.056	.193	.064	.231	.091	.221	.098
522	MONK, BROTHER, NUN	.040	.054		.077	.073	.096		.085	.104	.105		.109	.120	.131
523	RELIG WORKER (OTHER)	.030	.039	.076	.070	.097	.093	.079	.072	.169	.075	.106	.199	.115	.117
531	WRITER (NEC)	.048	.046	.072	.086	.088	.076	.074	.104	.097	.084	.099	.126	.124	.103
532	FICTION WRITER		.036		.059		.074		.067		.069		.088		.099
533	NONFIC WRTR (EXC JRNLIST)		.033		.068		.066		.063		.056		.091		.087
534	JOURNALIST/REPORTER	.060	.038	.094	.077	.081	.064	.102	.090	.116	.079	.125	.113	.127	.095
536	PUBLISHER, ETC.		.040		.059		.071		.053		.066		.077		.097
537	EDITOR		.035	.072	.070		.068	.064	.062		.071	.091	.089		.092
539	TRANSLAT, INTERPR, LINGST	.042	.046		.071	.069	.068		.062	.060	.070		.090	.087	.094
541	FINE ARTS	.052	.056	.078	.089	.088	.087	.103	.096	.097	.109	.121	.118	.124	.130
545	COMM ARTIST	.058	.053	.097	.082	.110	.092	.147	.103	.136	.111	.163	.120	.159	.136
547	DESIGNER (CONS GDS)	.047	.037	.064	.074	.080	.071	.055	.078	.069	.071	.083	.102	.100	.097
551	MUSICIAN	.043	.035	.089	.081	.098	.080	.104	.072	.109	.078	.127	.102	.137	.107
552	SINGER		.038		.066		.075		.073		.057		.096		.091
559	MUSIC-RELATED (MISC)	.042	.042		.056	.075	.071		.054	.092	.076		.079	.110	.099
560	DANCER, CHOREOG		.030		.066		.063		.067		.062		.091		.089
571	ACTOR		.035	.089	.079		.072	.070	.069		.070	.106	.102		.096
572	THEATRICAL DIRECTING				.065				.057				.086		
575	THEATRE (OTHER)	.045	.036	.087	.079	.082	.075	.075	.061	.083	.098	.108	.096	.111	.116
578	RADIO/TV ANNOUN.	.044		.080		.079		.058		.061		.097		.096	
579	MISC PERF ARTS	.046	.024	.074	.067	.080	.069	.063	.057	.061	.048	.098	.088	.097	.084
581	MODEL		.027		.069		.061		.058		.066		.089		.092
611	PRO ATHLETE	.034		.061	.066	.069		.055	.056	.059		.084	.083	.091	
612	PRO ATHLETICS (AUX)	.033		.077		.073		.054		.073		.091		.097	
621	RECREATION DIR.	.035	.039	.073	.063	.059	.062	.067	.064	.060	.064	.095	.088	.083	.088
622	CAMPNG, SCTNG, PK GD		.039				.065				.061				.087
623	FRSTRY, HUNT, TRAP	.041		.080		.079		.084		.071		.111		.102	
631	FARM/RANCH OWNER	.086		.152	.060	.165		.172	.048	.180		.198	.076	.212	
632	FARM/RANCH MGR			.064				.065				.089			
639	FARMING (OTHER)	.127	.034	.193	.068	.208	.066	.214	.062	.228	.074	.249	.088	.262	.097
640	MILITARY (RANK NOT IND)	.050		.078		.079		.054		.066		.094		.098	
641	MILITARY-ENLISTED	.031		.083		.070		.060		.062		.099		.092	
642	MILITARY-OFFICER	.064		.101		.103		.090		.090		.118		.123	
650	INTELLIGENCE-CIA, ETC.	.027		.073		.060		.046		.072		.087		.092	
661	POLICE (PUBLIC)	.077		.101	.079	.104		.092	.056	.083		.126	.096	.127	
666	FIREMAN	.052		.083		.081		.069		.087		.099		.110	
669	OTHER PROTECTIVE	.045		.092		.072		.060		.056		.109		.088	
711A	BANKING & FINANCE, I	.068	.042	.078	.059	.098	.064	.071	.060	.085	.073	.102	.086	.121	.094
711B	BANKING & FINANCE, II	.058	.025	.089	.069	.088	.060	.079	.065	.094	.059	.113	.096	.120	.084
712	INVSTMNT,STOCK CONSULT	.050	.025	.062		.075	.050	.061		.068	.048	.084		.099	.070
716	CPA	.076	.044	.104	.075	.121	.086	.133	.069	.155	.073	.155	.102	.174	.108
717	ACCTANT (EXC CPA)	.059	.040	.115	.073	.106	.080	.146	.080	.128	.080	.169	.102	.152	.109
721	PURCHASING AGENT	.039	.043	.075	.060	.072	.066	.060	.062	.062	.058	.097	.087	.095	.086
722	RETAIL BUYER	.040	.044	.070	.078	.075	.081	.065	.067	.070	.064	.096	.101	.099	.098
723	EFFICIENCY EXPERT	.042		.063		.078		.082		.082		.096		.102	
724	ADVERTISING	.051	.043	.085	.073	.091	.082	.090	.068	.090	.081	.114	.093	.122	.109
725	PUBLIC RELATIONS	.049	.034	.086	.075	.072	.075	.076	.070	.072	.062	.106	.100	.094	.094
726	PERSONNEL ADMIN	.043	.053	.066	.066	.084	.066	.075	.063	.083	.065	.095	.089	.110	.086
727	APPRAISING/ESTIMATING	.035	.029	.050	.057	.077	.057	.062	.052	.061	.055	.081	.075	.097	.078
728	LOAN/CREDIT INVESTIG	.036	.030	.078	.059	.072	.064	.070	.048	.077	.050	.104	.076	.102	.081
730	BUS MGMT/ADMIN (NEC)	.061	.037	.092	.066	.087	.062	.096	.053	.114	.049	.124	.083	.134	.080
731	MFG MGMT	.047		.074		.071		.066		.077		.097		.102	
732	WHSL/RET TRADE MGMT/MKTG	.048	.035	.073	.061	.083	.072	.089	.063	.093	.054	.107	.087	.118	.089
738	SUPERVISOR IN BUS	.054	.029	.073	.066	.084	.055	.071	.067	.076	.060	.096	.094	.107	.082
741	SALESCLERK	.040	.063	.084	.084	.071	.088	.064	.063	.068	.068	.101	.098	.195	.103
742	RTEMAN (MILK, LAUNDRY, ETC)	.043				.079				.070				.100	
743	STOCKBROKER	.034	.047	.071	.072	.066	.076	.069	.056	.074	.062	.095	.090	.095	.096
745	REAL ESTATE SLSMAN	.044	.028	.079	.062	.079	.061	.066	.058	.065	.065	.102	.084	.101	.089
746	INSURANCE SLSMAN	.036	.045	.077	.060	.065	.075	.070	.066	.061	.054	.095	.090	.090	.093
747	AUTO SLSMAN	.036		.072		.085		.065		.062		.096		.101	
748	OTHER SLSMAN (NEC)	.055	.029	.102	.054	.096	.060	.118	.060	.116	.058	.144	.083	.136	.084
749	SALES MGR	.022	.038	.066		.062	.063	.084		.093	.063	.100		.108	.088
751	BOOKKEEPER	.041	.053	.077	.083	.082	.084	.053	.089	.074	.104	.095	.111	.108	.123
752	TELLER OR BANK CLRK		.042		.072		.065		.064		.058		.093		.083
753	CASHIER		.043		.075		.073		.047		.046		.085		.085
755	MISC ACCT RECDG	.046	.036	.069	.073	.073	.067	.058	.061	.070	.069	.089	.090	.096	.094
756	KEYPUNCH OP		.061		.076		.091		.074		.076		.100		.105
757	KEYPUNCH INSTRUC		.038		.062		.074		.064		.050		.088		.091
758	COMPUTER OP	.048	.052	.091	.068	.081	.083	.071	.071	.071	.060	.111	.094	.104	.097
761	SECRETARY (NEC)		.136		.142		.176		.160		.195		.186		.226
762	SECRETARY-BOOKKEEPER		.061		.060		.094		.071		.066		.089		.111
763	MED/DENT SECRETARY		.041		.065		.068		.057		.066		.085		.095
764	LEGAL SECRETARY		.054		.075		.085		.063		.072		.092		.107
765	STENO, CRT RPRTR		.058		.063		.083		.061		.076		.083		.103
766	TYPIST, CLERK TYPIST		.065		.081		.088		.065		.085		.102		.109
768	PROOFREADER		.037				.073				.059				.093
769	CLERK (MISC)	.057	.067	.069	.093	.083	.094	.060	.068	.078	.094	.087	.105	.106	.115
771	OFFICE SUPERVISOR		.049		.068		.077		.073		.050		.097		.092
772	OFFICE MGR	.041	.028	.077	.067	.096	.067	.066	.051	.067	.060	.098	.084	.097	.091
781	PHONE, PBX OP		.046		.075		.079		.053		.069		.089		.099
789	OTHER "PUB CONT" OCCS	.033	.041	.061	.062	.081	.071	.062	.058	.059	.055	.085	.082	.096	.090
791	RADIO, TELEGR, TTY OP	.040	.040	.068	.073	.071	.065	.052	.053	.064	.049	.084	.088	.094	.082
796	MAIL CARRIER			.069				.061				.093			
797	MISC CLERICAL	.066	.046	.101	.083	.094	.078	.082	.056	.080	.054	.117	.099	.113	.092
798	MISC ADMINISTRATIVE	.034	.039	.079	.072	.064	.079	.056	.061	.063	.068	.097	.092	.088	.100
810	ELECTRICIAN	.084		.109	.060	.121		.108	.058	.125		.129	.085	.147	
811	ELECTRONIC TECHNICIAN	.076		.124	.075	.130		.111	.049	.117		.144	.089	.151	
812	APPLIANCE REPAIR	.055		.078		.090		.081		.074		.102		.108	
813	PHONE INSTALL & REPAIR	.044		.083		.068		.076		.061		.107		.086	
814	REPAIR AND SERV COMP	.042		.078		.072		.071		.070		.102		.096	
820	MECHANIC (NEC)	.093		.126		.124		.127		.124		.149		.145	
821	AUTO MECHANIC	.082		.121		.109		.130		.121		.149		.141	
822	AIRPLANE MECHANIC	.071		.109		.094		.095		.091		.129		.115	
823	OFFICE MACH REPAIR	.027		.070		.065		.056		.055		.086		.084	
824	IND MACH REPAIR	.054		.086		.088		.073		.064		.107		.104	
828	MACHINIST	.092		.131		.118		.149		.129		.168		.148	
831	CABINET MAKER	.048		.066		.082		.066		.068		.090		.102	
832	CARPENTER	.080		.100		.099		.087		.093		.113		.119	
833	METAL TRADES	.089	.031	.124		.113	.067	.115		.117	.051	.142		.138	.085
834	BRKLYR, MASON, PTR, RFR	.069		.106		.095		.091		.097		.122		.122	
835	PLUMBER, PIPEFITTER	.066		.100		.094		.085		.086		.118		.114	
836	HEAVY EQUIP OP	.062		.095		.100		.064		.082		.106		.115	
837	MISC BLDG & CONST	.058		.086		.091		.076		.077		.109		.107	
838	MINING, QUARRYING, DRLNG	.045		.081		.077		.069		.077		.103		.103	
841	PILOT	.059		.094		.103		.080		.073		.114		.121	
843	AIRPLANE NAVIGATOR			.056				.056				.077			
848	AIR TRAFFIC CONTROLLER	.028		.056		.068		.057		.054		.079		.089	
851	MERCHANT MARINE OCC	.034		.061		.074		.057		.058		.084		.095	

TABLE 5.1 (continued)

	17 SELECTED COGNITIVE VARIABLES		64 COGNITIVE VARIABLES				45 NON-COGNITIVE VARIABLES				109 COGNITIVE AND NON-COGNITIVE VARIABLES			
	12TH GRADE		11TH GRADE		12TH GRADE		11TH GRADE		12TH GRADE		11TH GRADE		12TH GRADE	
	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES
852 RAILROAD OCCS	.032		.074		.076		.067		.062		.093		.098	
853 AUTO, BUS, TRUCK DRIVER	.091		.108	.073	.123		.114	.062	.117		.135	.096	.146	
861 PRINTING TRADES	.074	.034	.093	.070	.103	.074	.105	.058	.104	.058	.125	.091	.133	.093
863 SURVEYOR	.041		.063		.075		.057		.054		.082		.090	
864 DRAFTSMAN	.076	.038	.093	.063	.101	.060	.107	.081	.117	.065	.126	.100	.138	.089
865 PHOTOGRAPHY	.040	.034	.084	.063	.082	.066	.078	.049	.075	.070	.110	.078	.108	.096
866 INTERIOR DECORATOR		.043	.074	.071		.065	.065	.071		.083	.098	.097		.104
867 LANDSCAPE ARCHIT	.045	.031	.060		.078	.066	.067		.068	.081	.088		.100	.103
868 CLTHNG & FASH TRADES	.038	.060		.079	.068	.093		.061	.062	.079		.097	.090	.117
871 DIETITIAN		.038		.068		.070		.063		.072		.090		.096
872 HOME ECONOMIST		.043		.072		.069		.081		.073		.105		.099
873 AIRLN STEWRD, STEWRDESS		.036		.080		.064		.069		.058		.105		.086
881 FOOD & BEVERAGE PREP	.053	.051	.087	.074	.081	.080	.071	.068	.069	.070	.107	.097	.100	.104
885 BUTCHER, MEAT CUTTER	.060		.071		.084		.072		.069		.094		.103	
891 MISC PERSONAL SERVICES	.040	.042	.078	.078	.084	.068	.068	.080	.064	.077	.100	.107	.103	.097
892 BARBER	.072		.090		.093		.075		.079		.108		.111	
893 HAIRDRESSER	.051	.108	.091	.117	.087	.130	.089	.110	.088	.123	.117	.137	.114	.154
894 PRACTICAL NURSE		.078		.106		.117		.126		.105		.153		.145
895 NURSES' AIDE		.030		.088		.067		.062		.086		.101		.091
896 DOMESTIC SERVICE		.030				.066				.055				.084
899 GENERAL LABORER	.140	.104	.164	.107	.156	.125	.160	.086	.156	.102	.187	.125	.180	.143

TABLE 5.2

RATIOS OF POINT BISERIAL MULTIPLE CORRELATION COEFFICIENTS TO THE MAXIMUM COEFFICIENT POSSIBLE WITH THE GIVEN DICHOTOMY
CORRELATIONS BASED ON:

a) 17 SELECTED COGNITIVE VARIABLES, 12TH GRADE MALES AND FEMALES
b) 64 COGNITIVE VARIABLES, 11TH AND 12TH GRADE MALES AND FEMALES
c) 45 NON-COGNITIVE VARIABLES, 11TH AND 12TH GRADE MALES AND FEMALES
d) 109 COGNITIVE AND NON-COGNITIVE VARIABLES, 11TH AND 12TH GRADE MALES AND FEMALES

	17 SELECTED COGNITIVE VARIABLES		64 COGNITIVE VARIABLES				45 NON-COGNITIVE VARIABLES				109 COGNITIVE AND NON-COGNITIVE VARIABLES			
	12TH GRADE		11TH GRADE		12TH GRADE		11TH GRADE		12TH GRADE		11TH GRADE		12TH GRADE	
	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES
000 NO ANSWER	.148	.273	.222	.319	.193	.303	.198	.245	.177	.262	.261	.352	.230	.335
001 DON'T KNOW	.170	.127	.206	.290	.225	.269	.253	.351	.272	.299	.297	.438	.310	.381
010 HOUSEWIFE		.288		.354		.364		.425		.431		.444		.453
020 NO SPEC INCOME JOB		.336		.951		.756		.893		.588		1.000*		.933
101 EXECUTIVE (NEC)	.230	1.000*	.404	1.000*	.454	1.000*	.280	1.000*	.357	1.000*	.474	1.000*	.563	1.000*
102 FOREMAN (NEC)	.274	.608	.400	1.000*	.442	1.000*	.370	1.000*	.459	1.000*	.481	1.000*	.605	1.000*
111 WORK FOR GOVT (NEC)	.220	.294	.448	.540	.369	.544	.329	.484	.364	.451	.534	.704	.507	.694
112 IN BUS FOR SELF	.222	.350	.285	.476	.314	.604	.276	.322	.308	.508	.349	.567	.386	.788
120 IND, BUS, COMM	.127	.318	.258	.611	.253	.500	.243	.380	.231	.416	.347	.716	.328	.636
121 RETAIL, NEC	.221	.521	.467	1.000*	.423	.908	.515	1.000*	.496	.787	.681	1.000*	.624	1.000*
122 TRANSPORTATION (NEC)	.244	.585	.573	.844	.494	1.000*	.492	.718	.430	.970	.760	1.000*	.645	1.000*
123 REAL ESTATE (NEC)	.312	1.000*	.744	1.000*	.590	1.000*	.602	.884	.599	1.000*	.980	1.000*	.815	1.000*
124 INSURANCE (NEC)	.287	.297	.570	.793	.433	.556	.476	.686	.401	.556	.750	1.000*	.567	
125 ELECTRONICS (NEC)	.245	.679	.406	1.000*	.418	1.000*	.381	1.000*	.382	.930	.500	1.000*	.504	1.000*
140 "WRK WITH PEOPLE" (NEC)		.401		1.000*		.815		1.000*		.712		1.000*		1.000*
141 "WRK WITH CHILDR" (NEC)		.495		.627		.999		.722		.681		.947		1.000*
150 RESEARCH	.408	.577			.768	.895			.636	.923			1.000*	1.000*
211 MATH, STAT	.416	.660	.584	.745	.581	1.000*	.542	.854	.616	.880	.699	.980	.724	1.000*
212 OTHER STATISTICS	.528	.836	.666		1.000*	1.000*	.677		.732	1.000*	.906		1.000*	1.000*
221 SYSTEMS ANALYST	.377	.699	.515	.845	.521	1.000*	.498	.786	.509	1.000*	.624	1.000*	.659	1.000*
222 COMPUTER PROGRAMMER	.165	.382	.279	.591	.288	.570	.279	.631	.315	.587	.370	.751	.414	.746
229 COMPUTER SPEC (NEC)	.237	.545	.472	1.000*	.507	.884	.421	.776	.466	.715	.587	1.000*	.670	1.000*
230 PHYSICAL SCI (NEC)	.374		.617	1.000*	.714		.662	1.000*	.556		.868	1.000*	.830	
231 CHEMIST	.373	.622	.491	.679	.499	.779	.513	.707	.485	.854	.606	.881	.597	1.000*
232 PHYSICIST	.402		.663		.631		.686		.565		.797		.718	
234 GEOLOGIST	.364	1.000*	.649		.538	1.000*	.594		.564	1.000*	.784		.720	1.000*
235 METEOROLOGIST	.534				.857				.645				1.000*	
240 ENGINEER (NEC)	.425		.503		.481		.509		.516		.586		.583	
241 CIVIL ENGINEER	.348	1.000*	.465		.440	1.000*	.448		.503	1.000*	.556		.582	1.000*
242 ELECTRICAL ENGINEER	.461		.553		.592		.547		.619		.632		.693	
243 MECH ENGINEER	.420		.480		.510		.518		.569		.595		.640	
244 AERONAUTICAL ENG	.415		.548		.562		.580		.511		.712		.690	
245 CHEM ENGINEER	.444	1.000*	.584		.571	1.000*	.579		.635	1.000*	.711		.725	1.000*
250 ARCHITECT	.354		.466		.513		.543		.571		.641		.688	
299 PHYS SCI, LAB TECH	.191	.319	.310	.461	.320	.532	.219	.476	.320	.608	.387	.653	.445	.744
310 BIOLOGIST, ZOOLOGIST	.284	.476	.447	.687	.541	.709	.499	.712	.567	.784	.619	.913	.712	.971
313 SPEC IN AGRIC SCI	.198		.521		.516		.541		.605		.693		.745	
314 WLDLF/FOREST SPEC	.213	1.000*	.554		.554	1.000*	.530		.554	1.000*	.709		.711	1.000*
315 PHARMACOLOGIST		1.000*		1.000*		1.000*		.849		1.000*		1.000*		1.000*
316 MICROBIOLOGIST	.335	.532	.791	.763	.652	.802	.744	.870	.502	.831	1.000*	1.000*	.802	1.000*
317 BIOCHEMIST	.540	.593	.633	.793	.876	.981	.688	.757	.900	.908	.895	1.000*	1.000*	1.000*
319 OTHER CHEM SCI		.570		1.000*		.984		1.000*		.971		1.000*		1.000*
322 MD - SURGEON	.398		.806		.602		.910		.723		1.000*		.880	
329 MD - OTHER	.506	.534	.599	.828	.603	.768	.681	.864	.754	.827	.772	1.000*	.829	1.000*
332 DENTIST	.297		.463		.435		.565		.568		.650		.654	
333 VETERINARIAN	.311	.570	.604	1.000*	.621	1.000*	.714	1.000*	.662	.945	.865	1.000*	.866	1.000*
335 PHARMACIST	.231	.535	.396	.757	.387	.687	.374	.796	.480	.660	.500	1.000*	.582	.865
336 OPTOMETRIST			.602				.666				.857			
337 RN		.292	.884	.353		.416	.910	.614		.682	1.000*	.648		.716
341 DENTAL HYGIENIST		.200		.489		.507		.496		.507		.662		.693
343 PHYSICAL THERAPIST	.455	.428		.568	.672	.678		.682	.641	.651		.843	.920	.865
344 OCCUPATIONAL THERAPIST		.345		.709		.613		.601		.690		.891		.891
345 CHIROPRACTOR			.815				.673				1.000*			
346 SPEC THERAP (MISC)		.309		.587		.626		.661		.551		.844		.818
347 MED/DENT TECHNOLOGIST	.263	.331	.670	.460	.672	.447	.566	.514	.536	.533	.897	.606	.854	.615
348 MED/DENT TECHNICIAN	.258	.143	.517	.313	.587	.268	.468	.387	.516	.357	.671	.477	.759	.434
350 HSOPITAL ADMIN	.455		.675		.661		.588	.	.754		.887		.992	
360 PSYCHOLOGIST	.325	.385	.460	.666	.446	.597	.433	.539	.517	.572	.547	.763	.600	.732
369 PSYCH RES ASST		1.000*		1.000*		1.000*		.817		1.000*		1.000*		1.000*
370 SOCIAL WORKER	.273	.271	.388	.375	.451	.376	.383	.389	.404	.376	.484	.456	.561	.458
371 PSYCHIATRIC SOC WRKR	.516	.403		.765	.852	.569		.568	.696	.621		.909	1.000*	.779
372 COUNSELING/GUIDANCE	.334	.357	.677	.723	.722	.633	.644	.610	.765	.598	.950	.920	1.000*	.821
373 VOC/ED GUIDANCE	.302	.392	.512	.515	.550	.547	.488	.522	.519	.425	.675	.655	.744	.648
382 ECONOMIST	.380	.480	.482	1.000*	.550	.870	.421	1.000*	.527	1.000*	.597	1.000*	.744	1.000*
383 SOCIOLOGIST		1.000*		1.000*		1.000*		1.000*		1.000*		1.000*		1.000*
384 ANTHROPOLOGIST		.602		1.000*		1.000*		.761		1.000*		1.000*		1.000*
389 POLITICAL SCI (MISC)	.314	.509	.545	.971	.597	.920	.468	.774	.503	.848	.691	1.000*	.770	1.000*
391 POLITICIAN		1.000*	.599	1.000*		1.000*	.599	1.000*		1.000*	.823	1.000*		1.000*
392 DIPLOMAT	.447	.492	.618	1.000*	.636	.764	.527	1.000*	.515	.984	.758	1.000*	.780	1.000*
393 LAWYER	.368	.393	.535	.834	.478	.632	.586	.979	.584	.680	.660	1.000*	.631	.881
394 MARKET ANALYST	.478		.642	1.000*	.823		.538	1.000*	.523		.821	1.000*	.946	
397 PUBLIC ADM (NEC)		1.000*	.617			1.000*	.635			1.000*	.859			1.000*
398 CITY PLANNER (NEC)	.399		.503	1.000*	.657		.486	1.000*	.679		.659	1.000*	.916	
400 TEACHER (NEC)	.183	.330	.282	.405	.333	.390	.323	.473	.366	.469	.381	.496	.441	.494
410 TCHING YNG CHILDR		.497		.874		.787		.595		.727		1.000*		1.000*
411 TCHNG PRESCH CHILDR		.276		.470		.437		.441		.405		.615		.565
412 TCHR - ELEM	.244	.239	.385	.312	.494	.321	.418	.419	.448	.422	.569	.451	.640	.458
420 TEACHER - HS (NEC)	.182	.341	.363	.433	.339	.458	.280	.404	.363	.413	.419	.523	.476	.534
421 TEACHER - HS MATH	.369	.638	.464	.718	.512	.763	.479	.745	.446	.747	.580	.899	.610	.899
422 TEACHER - HS SCI	.305	.355	.438	.571	.492	.502	.398	.658	.424	.594	.553	.774	.617	.699
423 TEACHER - HS SOC ST	.343	.309	.388	.557	.426	.496	.333	.568	.417	.516	.485	.726	.535	.627
424 TEACHER - ENGLISH	.407	.337	.574	.460	.599	.419	.497	.500	.581	.519	.676	.571	.750	.564
425 TEACHER - FOREIGN LANG	.378	.449	.711	.605	.834	.562	.647	.545	.779	.524	.894	.725	1.000*	.659
426 TEACHER - COMM ED	.300	.262	.593	.364	.654	.483	.574	.425	.672	.506	1.000*	.541	.935	.663
427 TEACHER - HS HOME EC		.285		.457		.503		.463		.466		.612		.658
428 TEACHER - TRADES	.267	1.000*	.401	.937	.494	1.000*	.407	.776	.506	1.000*	.551	1.000*	.669	1.000*
429 TEACHER - PHYS ED	.215	.216	.452	.480	.430	.540	.463	.688	.602	.684	.586	.775	.688	.840
431 TEACHER - ART	.335	.302	.872	.539	.634	.532	.999	.574	1.000*	.739	1.000*	.709	.978	.834
432 TEACHER - MUSIC	.393	.286	.659	.512	.649	.541	.837	.611	.793	.654	.968	.700	.942	.757
433 TEACHER - SPEECH		.510				.930				.930				1.000*
440 TEACHER - HANDICAPPED	.291	.243	.648	.423	.556	.395	.702	.397	.623	.374	.935	.529	.789	.496
441 SPEECH THERAPIST		.345		.463		.552		.451		.515		.611		.678
450 SCH ADM (EXC COLL)	.248	.400	.491	.949	.478	.765	.543	.916	.521	.788	.697	1.000*	.672	1.000*
460 COLL/UNIV TCHR (NEC)	.382	.361	.417	.519	.484	.478	.492	.549	.546	.482	.547	.631	.624	.573
461 COLL/UNIV TCHR - MATH	.487	.686	.741	.959	.685	1.000*	.755	.899	.720	.997	.927	1.000*	.869	1.000*
462 COLL/UNIV TCHR - SCI	.353	.553	.556	.924	.538	.722	.567	.790	.602	.850	.676	1.000*	.712	.979
463 COLL/UNIV TCHR - SOC SCI	.382	.487	.521	.682	.473	.674	.567	.758	.577	.757	.637	.938	.650	.891
464 COLL/UNIV TCHR - ENGLISH	.489	.495	.585	.600	.645	.697	.633	.648	.779	.749	.772	.772	.758	.876
465 COLL/UNIV TCHR - FOR LANG	.564	.485		.684	.784	.674		.684	.811	.707		.895	1.000*	.863
470 COLL/UNIV TCHR - ADM		1.000*	.675	1.000*		1.000*	.685	.717		1.000*	.926	1.000*		1.000*

*Calculated value exceeds 1.000 due to sampling errors arising from small numbers of cases.

TABLE 5.2 (continued)

	17 SELECTED COGNITIVE VARIABLES		64 COGNITIVE VARIABLES				45 NON-COGNITIVE VARIABLES				109 COGNITIVE AND NON-COGNITIVE VARIABLES			
	12TH GRADE		11TH GRADE		12TH GRADE		11TH GRADE		12TH GRADE		11TH GRADE		12TH GRADE	
	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES
499 AUX JOBS IN ED				1.000*				1.000*				1.000*		
511 LIBRARIAN		.352	.945	.447		.484	.980	.491		.545	1.000*	.593		.649
521 CLERGYMAN	.346	.557	.581	.828	.585	.997	.699	.663	.661	.828	.803	1.000*	.784	1.000*
522 MONK, BROTHER, NUN	.363	.321		.547	.663	.570		.603	.944	.623		.774	1.000*	.778
523 RELIG WORKR (OTHER)	.278	.257	.580	.463	.899	.613	.603	.476	1.000*	.494	.809	1.000*	1.000*	.771
531 WRITER (NEC)	.360	.320	.593	.632	.659	.529	.610	.764	.727	.591	.816	.925	.929	.716
532 FICTION WRITER		.644		.965		1.000*		1.000*		1.000*		1.000*		1.000*
533 NONFIC WRTR (EXC JRNLIST)		.552		1.000*		1.000*		1.000*		.937		1.000*		1.000*
534 JOURNALIST/REPORTER	.363	.305	.560	.607	.490	.521	.608	.709	.702	.634	.745	.890	.769	.762
536 PUBLISHER, ETC.		.669		.864		1.000*		.776		1.000*		1.000*		1.000*
537 EDITOR		.453	.786	.850		.880	.699	.753		.919	.993	1.000*		1.000*
539 TRANSLAT, INTERPR, LINGST	.504	.541		.763	.828	.812		.666	.720	.835		.967	1.000*	1.000*
541 FINE ARTS	.472	.389	.618	.559	.799	.605	.816	.603	.881	.758	.958	.747	1.000*	.904
545 COMM ARTIST	.331	.325	.536	.542	.628	.564	.812	.681	.776	.680	.901	.793	.907	.840
547 DESIGNER (CONS GDS)	.332	.619	.584	1.000*	.565	1.000*	.501	1.000*	.487	1.000*	.757	1.000*	.706	1.000*
551 MUSICIAN	.322	.398	.757	.958	.734	.910	.884	.852	.817	.887	1.000*	1.000*	1.000*	1.000*
552 SINGER		.636		.709		1.000*		.784		.953		1.000*		1.000*
559 MUSIC-RELATED (MISC)	.370	.494		1.000*	.661	.835		1.000*	.811	.894		1.000*	.969	1.000*
560 DANCER, CHOREOG		.280		.682		.588		.692		.579		.940		.831
571 ACTOR		.505	.906	1.000*		1.000*	.713	.874		1.000*	1.000*	1.000*		1.000*
572 THEATRICAL DIRECTING					1.000*			1.000*				1.000*		
575 THEATRE (OTHER)	.349	.336	.655	.879	.636	.700	.565	.679	.643	.915	.813	1.000*	.860	1.000*
578 RADIO/TV ANNOUNCER	.382		.611		.685		.443		.529		.741		.833	
579 MISC PERF ARTS	.496	.429	.808	1.000*	.862	1.000*	.688	.990	.657	.876	1.000*	1.000*	1.000*	1.000*
581 MODEL		.405		.874		.915		.735		.990		1.000*		1.000*
611 PRO ATHLETE	.378		.648	1.000*	.768		.585	1.000*	.656		.893	1.000*	1.000*	
612 PRO ATHLETICS (AUX)	.291		.841		.643		.589		.643		.993		.855	
621 RECREATION DIRECTOR	.291	.413	.666	.798	.490	.657	.611	.811	.498	.678	.866	1.000*	.689	.932
622 CMPNG, SCTNG, PK GD		.697				1.000*				1.000*				1.000*
623 FRSTRY, HUNT, TRAP	.350		.633		.674		.665		.615		.879		.871	
631 FARM/RANCH OWNER	.333		.611	1.000*	.638		.687	.834	.696		.791	1.000*	.820	
632 FARM/RANCH MGR			.832				.845				1.000*			
639 FARMING (OTHER)	.388	.491	.635	.995	.636	.952	.704	.907	.697	1.000*	.820	1.000*	.801	1.000*
640 MILITARY (RNK NOT IND)	.273		.439		.431		.304		.360		.535		.535	
641 MILITARY-ENLISTED	.303		.585		.684		.423		.606		.698		.909	
642 MILITARY-OFFICER	.265		.418		.427		.373		.373		.489		.510	
650 INTELLIGENCE-CIA, ETC.	.212		.689		.471		.434		.566		.821		.723	
661 POLICE (PUBLIC)	.280		.342	1.000*	.378		.312	.916	.301		.427	1.000*	.461	
666 FIREMAN	.314		.476		.490		.395		.526		.567		.665	
669 OTHER PROTECTIVE	.341		.772		.546		.504		.424		.915		.667	
711A BANKING AND FINANCE, I	.343	.301	.397	.634	.494	.458	.361	.655	.429	.523	.519	.924	.610	.673
711B BANKING AND FINANCE, II	.234	.375	.366	1.000*	.355	.915	.325	1.000*	.379	.885	.465	1.000*	.484	1.000*
712 INVSTMNT, STOCK CONSULT	.550	.975	.585		.825	1.000*	.576		.748	1.000*	.793		1.000*	1.000*
716 CPA	.221	.330	.368	.950	.351	.644	.470	.874	.450	.547	.548	1.000*	.505	.809
717 ACCTANT (EXC CPA)	.193	.233	.318	.342	.347	.466	.404	.374	.419	.466	.468	.474	.497	.634
721 PURCHASING AGENT	.282	.645	.473	1.000*	.521	.990	.378	1.000*	.449	.870	.611	1.000*	.688	1.000*
722 RETAIL BUYER	.303	.342	.764	.562	.568	.629	.710	.483	.530	.497	1.000*	.728	.750	.761
723 EFFICIENCY EXPERT	.171		.246		.299		.320		.334		.374		.415	
724 ADVERTISING	.315	.290	.583	.575	.562	.554	.618	.544	.556	.547	.782	.733	.753	.736
725 PUBLIC RELATIONS	.332	.303	.519	.673	.488	.669	.459	.628	.488	.553	.639	.906	.638	.847
726 PERSONNEL ADMIN	.200	.397	.326	.529	.391	.494	.370	.505	.387	.487	.469	.714	.513	.644
727 APPRAISING/ESTIMATING	.226	.278	.327	.540	.498	.546	.405	.492	.394	.527	.529	.710	.627	.747
728 LOAN/CREDIT INVESTIG	.247	.341	.550	1.000*	.494	.739	.493	1.000*	.528	.569	.733	1.000*	.700	.921
730 BUS MGMT/ADMIN (NEC)	.143	.309	.218	.492	.205	.518	.228	.395	.268	.409	.294	.619	.315	.668
731 MFG MGMT	.205		.401		.310		.358		.336		.526		.446	
732 WHSL/RET TRADE MGMT/MKTG	.159	.371	.240	.547	.275	.763	.293	.565	.308	.572	.352	.781	.391	.943
738 SUPERVISOR IN BUSINESS	.241	.375	.407	.929	.375	.712	.396	.943	.340	.777	.535	1.000*	.478	1.000*
741 SALESCLERK	.310	.420	.592	.563	.550	.587	.451	.423	.535	.453	.712	.657	1.000*	.687
742 RTEMAN (MILK, LAUNDRY, ETC.)	.463				.851				.754				1.000*	
743 STOCKBROKER	.264	.705	.605	1.000*	.512	1.000*	.588	1.000*	.574	.930	.810	1.000*	.736	1.000*
745 REAL ESTATE SLSMAN	.325	.404	.617	1.000*	.584	.880	.515	.949	.481	.938	.796	1.000*	.747	1.000*
746 INSURANCE SLSMAN	.187	.753	.386	.844	.338	1.000*	.351	.929	.318	.903	.476	1.000*	.469	1.000*
747 AUTO SLSMAN	.273		.733		.644		.662		.470		.978		.765	
748 OTHER SLSMAN (NEC)	.147	.278	.283	.496	.257	.575	.331	.551	.310	.556	.400	.762	.364	.805
749 SALES MGR	.105	1.000*	.344		.296	1.000*	.443		.445	1.000*	.521		.516	1.000*
751 BOOKKEEPER	.456	.207	.818	.364	.912	.328	.563	.391	.823	.406	1.000*	.487	1.000*	.480
752 TELLER OR BANK CLERK		.270		.497		.417		.442		.373		.643		.533
753 CASHIER		.366		1.000*		.621		.661		.391		1.000*		.723
755 MISC ACCT RECDG	.330	.184	.666	.437	.523	.342	.559	.365	.501	.352	.858	.539	.688	.485
756 KEYPUNCH OPERATOR		.282		.384		.421		.374		.351		.505		.485
757 KEYPUNCH INSTRUCTOR		.570		1.000*		1.000*		1.000*		.750		1.000*		1.000*
758 COMPUTER OPERATOR	.229	.267	.396	.375	.387	.427	.309	.392	.339	.308	.483	.519	.502	.499
761 SECRETARY (NEC)		.261		.290		.337		.327		.374		.380		.433
762 SECRETARY-BOOKKEEPER		.463		.045		.714		.529		.501		.663		.843
763 MED/DENT SECRETARY		.238		.418		.395		.367		.384		.547		.552
764 LEGAL SECRETARY		.287		.454		.452		.382		.383		.557		.569
765 STENO, CRT RERPORTER		.289		.373		.414		.361		.379		.492		.513
766 TYPIST, CLERK TYPIST		.278		.416		.376		.334		.364		.524		.466
768 PROOFREADER		1.000*				1.000*				1.000*				1.000*
769 CLERK (MISC)	.427	.258	.527	.413	.622	.361	.458	.306	.584	.361	.664	.466	.794	.442
771 OFFICE SUPERVISOR		.457		.580		.719		.622		.467		.827		.859
772 OFFICE MGR	.290	.468	.634	.651	.537	1.000*	.544	.495	.473	1.000*	.807	.816	.685	1.000*
781 PHONE, PBX OP		.270		.602		.464		.425		.405		.714		.581
789 OTHER "PUB CONT" OCCS	.306	.222	.666	.394	.750	.384	.688	.369	.547	.297	.928	.521	.889	.486
791 RADIO, TELEGR, TTYP OP	.371	.600	.608	1.000*	.658	.975	.465	.746	.593	.735	.751	1.000*	.871	1.000*
796 MAIL CARRIER			.555				.491				.748			
797 MISC CLERICAL	.270	.487	.423	.642	.384	.826	.343	.433	.331	.572	.490	.765	.462	.975
798 MISC ADMINISTRATIVE	.212	.306	.425	.699	.399	.672	.301	.592	.393	.578	.522	.893	.549	.850
810 ELECTRICIAN	.294		.354	1.000*	.423		.351	1.000*	.437		.419	1.000*	.514	
811 ELECTRONIC TECHNICIAN	.244		.375	1.000*	.417		.336	1.000*	.375		.436	1.000*	.484	
812 APPLIANCE REPAIR	.295		.439		.483		.456		.397		.574		.580	
813 PHONE INSTALL & REPAIR	.269		.463		.415		.424		.372		.596		.525	
814 REPAIR & SERVICE COMP	.277		.491		.475		.447		.462		.643		.633	
820 MECHANIC	.375		.489		.500		.493		.500		.578		.585	
821 AUTO MECHANIC	.395		.498		.525		.535		.582		.614		.679	
822 AIRPLANE MECHANIC	.353		.471		.468		.411		.453		.558		.573	
823 OFFICE MACH REPAIR	.234		.638		.564		.511		.477		.784		.729	
824 INDUS MACH REPAIR	.424		.618		.691		.524		.503		.768		.817	
828 MACHINIST	.315		.387		.404		.441		.442		.497		.507	
831 CABINET MAKER	.469		.672		.801		.672		.665		.917		1.000*	
832 CARPENTER	.430		.521		.532		.453		.499		.588		.639	
833 METAL TRADES	.391	1.000*	.498		.496	1.000*	.462		.514	1.000*	.575		.606	1.000*
834 BRKLYR, MASON, PTR, RFR	.035		.540		.487		.463		.497		.621		.625	
835 PLUMBER, PIPEFTR	.320		.465		.455		.395		.421		.549		.552	
836 HEAVY EQUIP OP	.357		.572		.576		.385		.472		.638		.662	
837 MISC BLDG & CONSTR	.283		.512		.444		.453		.375		.649		.522	
838 MINING, QUARRYING, DRLNG	.409		.861		.699		.733		.699		1.000*		.935	
841 PILOT	.252		.335		.441		.285		.312		.406		.518	
843 AIRPLANE NAVIGATOR			.611				.622				.841			
848 AIR TRAFFIC CONTROLLER	.274		.611		.665		.622		.528		.862		.870	
851 MERCHANT MARINE OCC	.378		.556		.823		.520		.645		.766		1.000*	

*Calculated value exceeds 1.000 due to sampling errors arising from small numbers of cases.

TABLE 5.2 (continued)

	17 SELECTED COGNITIVE VARIABLES		64 COGNITIVE VARIABLES				45 NON-COGNITIVE VARIABLES				109 COGNITIVE AND NON-COGNITIVE VARIABLES			
	12TH GRADE		11TH GRADE		12TH GRADE		11TH GRADE		12TH GRADE		11TH GRADE		12TH GRADE	
	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES
852 RAILROAD OCCS	.356		.586		.846		.531		.690		.736		1.000*	
853 AUTO, BUS, TRUCK DRVR	.414		.486	1.000*	.559		.513	1.000*	.532		.608	1.000*	.664	
861 PRINTING TRADES	.309	.491	.397	1.000*	.429	1.000*	.449	.949	.434	.837	.534	1.000*	.554	1.000*
863 SURVEYOR	.294		.507		.537		.458		.387		.660		.645	
864 DRAFTSMAN	.285	.570	.358	.922	.379	.900	.412	1.000*	.439	.975	.489	1.000*	.518	1.000*
865 PHOTOGRAPHY	.244	.510	.542	.701	.501	.990	.503	.545	.458	1.000*	.709	.879	.659	1.000*
866 INTERIOR DECORATOR		.353	.962	.505		.534	.845	.505		.682	1.000*	.690		.855
867 LANDSCAPE ARCHIT	.440	1.000*	.709		.762	1.000*	.791		.665	1.000	1.000*		.977	1.000*
868 CLTHNG & FASH TRADES	.352	.541		.490	.630	.541		.378	.574	.460		.602	.834	.681
871 DIETITIAN		.300		.610		.553		.565		.569		.808		.758
872 HOME ECONOMIST		.308		.476		.494		.535		.523		.694		.709
873 AIRLN STEWRD, STEWRDESS		.345		.630		.613		.544		.556		.827		.834
881 FOOD & BEVERAGE PREP	.374	.853	.700	.937	.572	1.000*	.571	.861	.487	1.000*	.861	1.000*	.730	1.000*
885 BUTCHER, MEAT CUTTER	.465		.464		.651		.470		.535		.614		.798	
891 MISC PERSONAL SERVICES	.431	.300	1.000*	.614	.905	.486	.884	.630	.690	.550	1.000*	.843	1.000*	.693
892 BARBER	.435		.637		.562		.531		.478		.765		.670	
893 HAIRDRESSER	.449	.363	.799	.396	.767	.437	.781	.376	.775	.414	1.000*	.464	1.000*	.518
894 PRACTICAL NURSE		.318		.383		.477		.459		.428		.553		.591
895 NURSES' AIDE		.228		.790		.509		.556		.653		.906		.691
896 DOMESTIC SERVICE		.450				.990				.825				1.000*
899 GENERAL LABORER	.408	.497	.461	.574	.455	.598	.449	.461	.455	.488	.525	.671	.524	.684

*Calculated value exceeds 1.000 due to sampling errors arising from small numbers of cases.

TABLE 6.1

INTERCORRELATIONS OF 109 COGNITIVE AND NON-COGNITIVE VARIABLES. DATA BASED ON 11TH GRADE MALES

			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110
INFORMATION TEST I	R-101	SCREENING		0.2767	0.3026	0.2837	0.3978	0.2743	0.2804	0.2524	0.2693	0.2136
	R-102	VOCABULARY I	0.2767		0.4109	0.3554	0.4414	0.3797	0.4369	0.3862	0.3571	0.3780
	R-103	LITERATURE	0.3026	0.4109		0.6286	0.6904	0.6111	0.6087	0.5092	0.4481	0.5121
	R-104	MUSIC	0.2837	0.3554	0.6286		0.5676	0.5445	0.5264	0.4131	0.3667	0.4526
	R-105	SOCIAL STUDIES	0.3978	0.4414	0.6904	0.5676		0.6204	0.6527	0.5401	0.4649	0.5028
	R-106	MATHEMATICS	0.2743	0.3797	0.6111	0.5445	0.6204		0.7150	0.4919	0.4515	0.4866
	R-107	PHYSICAL SCIENCES	0.2804	0.4369	0.6087	0.5264	0.6527	0.7150		0.6122	0.4663	0.6008
	R-108	BIOLOGICAL SCIENCES	0.2524	0.3862	0.5092	0.4131	0.5401	0.4919	0.6122		0.4119	0.4983
	R-109	SCIENTIFIC ATTITUDE	0.2693	0.3571	0.4481	0.3667	0.4649	0.4515	0.4663	0.4119		0.3895
	R-110	AERONAUTICS AND SPACE	0.2136	0.3780	0.5121	0.4526	0.5028	0.4866	0.6008	0.4983	0.3895	
	R-111	ELECTRICITY,ELECTRONICS	0.2081	0.3850	0.3829	0.3385	0.4110	0.4776	0.6261	0.4711	0.3432	0.5710
	R-112	MECHANICS	0.2625	0.3799	0.2968	0.2943	0.3461	0.3357	0.4471	0.4418	0.3528	0.4597
	R-113	FARMING	0.2545	0.2990	0.2840	0.2302	0.3421	0.2616	0.3511	0.4191	0.3042	0.2943
	R-114	HOME ECONOMICS	0.2274	0.2834	0.3374	0.3442	0.3525	0.3403	0.3839	0.3741	0.2878	0.3258
	R-115	SPORTS	0.3090	0.2279	0.4837	0.4323	0.5337	0.4722	0.4042	0.3162	0.3410	0.3235
INFORMATION TEST II	R-131	ART	0.2847	0.3866	0.6215	0.5537	0.5518	0.4850	0.5006	0.4333	0.3897	0.4574
	R-132	LAW	0.2567	0.3555	0.5315	0.4495	0.5490	0.4761	0.4939	0.4096	0.4093	0.4590
	R-133	HEALTH	0.3108	0.3723	0.4925	0.4374	0.5188	0.4590	0.5007	0.4690	0.3761	0.3983
	R-134	ENGINEERING	0.2532	0.3029	0.3334	0.3180	0.3796	0.3582	0.4130	0.3658	0.2957	0.3759
	R-135	ARCHITECTURE	0.1867	0.2756	0.4784	0.4313	0.4478	0.4134	0.4209	0.3386	0.3040	0.3696
	R-136	JOURNALISM	0.2510	0.3360	0.5136	0.4581	0.5217	0.4617	0.4457	0.3512	0.3482	0.3915
	R-137	FOREIGN TRAVEL	0.2218	0.3456	0.5441	0.5121	0.5780	0.4634	0.4890	0.4192	0.3574	0.4468
	R-138	MILITARY	0.1919	0.2574	0.4715	0.4024	0.4693	0.3835	0.3872	0.3139	0.2783	0.3982
	R-139	ACCOUNTING,BUSINESS,SALES	0.2410	0.3326	0.4829	0.4371	0.5012	0.4512	0.4370	0.3645	0.3754	0.3956
	R-140	PRACTICAL KNOWLEDGE	0.3315	0.2965	0.3816	0.3471	0.4076	0.3515	0.3476	0.2937	0.3143	0.2997
	R-141	CLERICAL	0.2355	0.2030	0.2673	0.2689	0.2913	0.2412	0.2446	0.2242	0.2053	0.1923
	R-142	BIBLE	0.2276	0.2872	0.5239	0.4073	0.5016	0.4317	0.4293	0.3748	0.3571	0.3603
	R-143	COLORS	0.0813	0.1341	0.2240	0.2478	0.2096	0.2237	0.2131	0.1628	0.1266	0.1460
	R-144	ETIQUETTE	0.1373	0.1466	0.2174	0.2052	0.2130	0.2551	0.2055	0.1575	0.1818	0.1537
	R-145	HUNTING	0.0764	0.0954	0.0403	-0.0164	0.0783	0.0141	0.1231	0.2253	0.1224	0.1627
	R-146	FISHING	0.1385	0.1387	0.1630	0.1162	0.1682	0.1319	0.2069	0.2849	0.1881	0.2188
	R-147	OUTDOOR ACTIVITIES(OTHER)	0.3018	0.3358	0.4145	0.3788	0.4316	0.4225	0.4461	0.4153	0.3650	0.4114
	R-148	PHOTOGRAPHY	0.2255	0.2731	0.3280	0.3194	0.3298	0.3413	0.3418	0.2687	0.2775	0.3042
	R-149	GAMES(SEDENTARY)	0.2008	0.2168	0.4057	0.3521	0.3773	0.4172	0.3701	0.2744	0.2649	0.2865
	R-150	THEATER,BALLET	0.2625	0.3429	0.5779	0.5605	0.5069	0.4774	0.4442	0.3549	0.3703	0.4238
	R-151	FOODS	0.1428	0.2286	0.3961	0.4085	0.3162	0.3359	0.2991	0.2392	0.2359	0.2736
	R-152	MISCELLANEOUS	0.2849	0.2519	0.5585	0.4983	0.5558	0.5223	0.5294	0.4162	0.3736	0.4454
	R-162	VOCABULARY II	0.3096	0.4390	0.6244	0.5423	0.6146	0.5693	0.5712	0.4895	0.4522	0.4941
	R-211	MEMORY FOR SENTENCES	0.0965	0.1191	0.1423	0.1043	0.1452	0.1621	0.1612	0.1450	0.1362	0.1279
	R-212	MEMORY FOR WORDS	0.1721	0.2027	0.3754	0.3157	0.3608	0.4070	0.3620	0.2748	0.2450	0.2271
	R-220	DISGUISED WORDS	0.2511	0.3078	0.4845	0.4724	0.4160	0.4606	0.4128	0.3181	0.3299	0.3183
ENGLISH TEST	R-231	SPELLING	0.2362	0.2349	0.4214	0.3717	0.4113	0.4546	0.3614	0.2499	0.2503	0.2042
	R-232	CAPITALIZATION	0.2365	0.2432	0.3263	0.2744	0.3584	0.3477	0.3059	0.2428	0.2640	0.2091
	R-233	PUNCTUATION	0.2510	0.3360	0.5060	0.4403	0.5149	0.6248	0.5180	0.3794	0.3974	0.3353
	R-234	USAGE	0.2246	0.3231	0.4648	0.4036	0.4482	0.4898	0.4363	0.3565	0.3626	0.3255
	R-235	EFFECTIVE EXPRESSION	0.2040	0.2909	0.4046	0.3475	0.4076	0.4197	0.3783	0.3183	0.3629	0.2950
	R-240	WORD FUNCTIONS IN SENTENCES	0.2073	0.2775	0.4998	0.4272	0.4779	0.6291	0.5041	0.3732	0.3796	0.3289
	R-250	READING COMPREHENSION	0.3346	0.4531	0.6776	0.5607	0.6908	0.6428	0.6358	0.5292	0.5350	0.5249
	R-260	CREATIVITY	0.2256	0.3600	0.4719	0.4290	0.4491	0.4824	0.5085	0.4406	0.4082	0.4811
	R-270	MECHANICAL REASONING	0.1795	0.2483	0.3213	0.2966	0.3582	0.4463	0.5128	0.4249	0.3687	0.4841
	R-281	VISUALIZATION IN 2-DIMENSIONS	0.1305	0.1887	0.2040	0.1936	0.2217	0.2977	0.2790	0.2181	0.2189	0.2295
	R-282	VISUALIZATION IN 3-DIMENSIONS	0.1038	0.2614	0.2785	0.2688	0.3055	0.4124	0.4212	0.3310	0.2764	0.3583
	R-290	ABSTRACT REASONING	0.1423	0.3014	0.3915	0.3431	0.4119	0.5047	0.4605	0.3414	0.3565	0.3403
MATH TEST	R-311	ARITHMETIC REASONING	0.2415	0.3566	0.4810	0.4069	0.5345	0.6467	0.5600	0.4206	0.4633	0.4018
	R-312	INTRODUCTORY HIGH SCHOOL MATH	0.2324	0.3252	0.5312	0.4575	0.5554	0.8272	0.6284	0.4186	0.4206	0.4108
	R-333	ADVANCED MATH	0.1747	0.2589	0.4598	0.4025	0.4529	0.7259	0.5409	0.3524	0.3661	0.3667
	F-410	ARITHMETIC COMPUTATION	0.2530	0.2114	0.2972	0.2479	0.3472	0.4120	0.3029	0.2089	0.2535	0.1691
	F-420	TABLE READING	0.1149	0.0707	0.0915	0.0859	0.1026	0.1063	0.0725	0.0409	0.0704	0.0619
	F-430	CLERICAL CHECKING	0.1603	0.0832	0.2006	0.1810	0.1864	0.2119	0.1449	0.0885	0.1314	0.0798
	F-440	OBJECT INSPECTION	0.0958	0.0739	0.1088	0.1259	0.0981	0.1137	0.1029	0.0733	0.0845	0.1061
	A-410	ARITHMETIC COMPUTATION	0.2274	0.1291	0.2662	0.2274	0.2963	0.4105	0.2581	0.1449	0.1749	0.1187
	A-420	TABLE READING	0.0330	-0.0332	0.0112	0.0255	0.0030	0.0382	-0.0114	-0.0304	-0.0155	-0.0273
	A-430	CLERICAL CHECKING	0.0542	-0.0637	0.0216	0.0213	-0.0080	0.0206	-0.0447	-0.0700	-0.0446	-0.0671
	A-440	OBJECT INSPECTION	0.0537	0.0092	0.0426	0.0703	0.0187	0.0384	0.0263	0.0131	0.0062	0.0493
	A-500	PREFERENCES	0.0968	-0.0773	-0.0305	-0.0430	-0.0488	-0.0879	-0.0875	-0.0457	-0.0617	-0.0563
INTEREST INVENTORY	P-701	PHYSICAL SCIENCE,ENGRNG.,MATH	0.0703	0.1197	0.2443	0.2079	0.2681	0.4416	0.4137	0.2809	0.1833	0.3114
	P-702	BIOLOGICAL SCIENCE & MEDICINE	0.0557	0.0694	0.2229	0.2174	0.1938	0.2713	0.2671	0.2435	0.1173	0.1707
	P-703	PUBLIC SERVICE	0.0340	-0.0070	0.1488	0.1345	0.1703	0.1283	0.0574	0.0339	0.0551	0.0137
	P-704	LITERARY,LINGUISTICS	0.0310	0.0436	0.2877	0.2633	0.2104	0.1958	0.1486	0.1180	0.1181	0.0981
	P-705	SOCIAL SERVICE	0.0020	-0.0747	0.0485	0.0870	0.0346	0.0462	-0.0207	-0.0388	-0.0145	-0.0938
	P-706	ARTISTIC	-0.0191	0.0267	0.1354	0.1488	0.0734	0.0828	0.0830	0.0987	0.0532	0.0885
	P-707	MUSICAL	-0.0327	0.0016	0.1013	0.2627	0.0266	0.0630	0.0509	0.0282	0.0097	0.0456
	P-708	SPORTS	0.0591	-0.1548	0.0357	0.0196	0.0616	0.0444	-0.0236	-0.0209	0.0159	-0.0568
	P-709	HUNTING & FISHING	-0.0009	-0.0636	-0.0690	-0.1103	-0.0613	-0.1062	-0.0413	0.0576	-0.0071	0.0012
	P-710	BUSINESS MANAGEMENT	-0.0010	-0.0784	0.0039	0.0237	0.0201	0.0145	-0.0597	-0.0591	-0.0126	-0.0838
	P-711	SALES	-0.0194	-0.0898	-0.0338	-0.0012	-0.0252	-0.0463	-0.1038	-0.0920	-0.0342	-0.1187
	P-712	COMPUTATION	0.0071	-0.0555	-0.0024	0.0185	0.0489	0.1523	0.0279	-0.0360	0.0027	-0.0589
	P-713	OFFICE WORK	-0.0485	-0.1351	-0.1245	-0.0925	-0.1077	-0.0859	-0.1351	-0.1202	-0.1065	-0.1552
	P-714	MECHANICAL,TECHNICAL	-0.0714	-0.0584	-0.2007	-0.1843	-0.1592	-0.1138	-0.0448	-0.0331	-0.0801	0.0094
	P-715	SKILLED TRADES	-0.1250	-0.1820	-0.3060	-0.2731	-0.2729	-0.3027	-0.2595	-0.1777	-0.1908	-0.1883
	P-716	FARMING	-0.0569	-0.0698	-0.1515	-0.1667	-0.1147	-0.1644	-0.1089	0.0100	-0.0605	-0.0740
	P-717	LABOR	-0.1197	-0.1707	-0.2768	-0.2565	-0.2427	-0.2846	-0.2483	-0.1733	-0.1737	-0.1814
STDNT ACTIV INVEN	R-601	SOCIABILITY	0.1544	-0.0201	0.0417	0.0739	0.0363	0.0455	-0.0286	-0.0208	0.0375	-0.0598
	R-602	SOCIAL SENSITIVITY	0.1234	0.0624	0.1628	0.1619	0.1284	0.1479	0.1065	0.0820	0.1034	0.0680
	R-603	IMPULSIVENESS	0.0715	0.0359	0.0801	0.0630	0.0494	0.0265	0.0162	0.0256	0.0463	0.0613
	R-604	VIGOR	0.1417	0.0277	0.1204	0.1122	0.1276	0.1383	0.0941	0.0896	0.0972	0.0443
	R-605	CALMNESS	0.1566	0.0941	0.1713	0.1552	0.1683	0.2100	0.1673	0.1360	0.1472	0.1324
	R-606	TIDINESS	0.1437	0.0430	0.0934	0.1184	0.0925	0.1322	0.0658	0.0264	0.0391	0.0142
	R-607	CULTURE	0.1044	0.0191	0.1175	0.1707	0.0793	0.1170	0.0591	0.0498	0.0424	0.0206
	R-608	LEADERSHIP	0.0804	0.0281	0.1473	0.1635	0.1304	0.1803	0.1093	0.0828	0.1174	0.0389
	R-609	SELF-CONFIDENCE	0.1261	0.0876	0.1626	0.1591	0.1463	0.1831	0.1466	0.1084	0.1299	0.1154
	R-610	MATURE PERSONALITY	0.1650	0.0872	0.1793	0.1597	0.1761	0.2494	0.1795	0.1220	0.1360	0.0992
STUDENT INFO BLANK SCALES	D-802	HS CURRIC-ACAD VS OTHER	0.1703	0.2173	0.4340	0.3892	0.4204	0.5863	0.4422	0.2949	0.2866	0.2854
	F-803	HS COURSES(ACAD ORIENT)	0.1774	0.2549	0.4804	0.4274	0.4599	0.6287	0.4925	0.3297	0.3081	0.3210
	P-820	HIGH SCHOOL GRADES	0.1255	0.1044	0.3156	0.2536	0.3173	0.4280	0.3375	0.2198	0.1906	0.1580
	F-822	GUIDANCE RECD IN HS	-0.0089	-0.0135	0.0619	0.1164	0.0461	0.0962	0.0524	0.0201	0.0060	0.0384
	F-823	GUIDANCE RECD ELSEWHERE	0.0781	0.0759	0.1642	0.1743	0.1573	0.1870	0.1356	0.1057	0.1265	0.0768
	P-827	STUDY HABITS & ATTITUDES	0.1354	0.1393	0.2862	0.2511	0.2941	0.4003	0.3017	0.1949	0.1815	0.1671
	P-828	SELF-PERCEP OF WRTG SKILLS	0.1054	0.1046	0.2814	0.2673	0.2284	0.2824	0.2160	0.1572	0.1649	0.1346
	P-829	SELF-PERCEP OF RDNG SKILLS	0.1670	0.1694	0.3616	0.2887	0.3359	0.2846	0.2987	0.2604	0.2342	0.2789
	F-830	AMT OF EX-CURR RDNG	0.0769	0.0922	0.2720	0.1903	0.2131	0.1688	0.2129	0.2006	0.1450	0.2166
	P-831	VAR OF EX-CURR GRP ACT	-0.0371	-0.1353	-0.0524	0.0016	-0.0967	-0.0055	-0.0506	-0.0526	-0.0826	-0.0658
	F-832	VAR PARTIC IN EX-CURR GRP ACT	-0.0180	-0.0972	-0.0011	0.0645	-0.0454	0.0348	-0.0104	-0.0174	-0.0373	-0.0263
	P-833	VARIETY OF HOBBIES	-0.0295	-0.0644	-0.0699	-0.0219	-0.0723	0.0027	0.0383	0.0574	-0.0307	0.0336
	F-834	DEGREE OF ACT IN HOBBIES	-0.0495	-0.0737	-0.0913	-0.0326	-0.1150	-0.0633	-0.0054	0.0227	-0.0616	0.0239
	F-835	PARTICIPATION IN SPORTS	0.0960	-0.1012	0.1230	0.1017	0.1150	0.1300	0.0838	0.0581	0.0883	0.0410
	F-836	LEADERSHIP ROLES	0.0282	-0.0334	0.0558	0.0922	0.0462	0.0932	0.0347	0.0237	0.0491	-0.0105
	F-837	SOCIAL LIFE	-0.0136	-0.0577	-0.0366	0.0048	-0.0585	-0.0677	-0.0787	-0.0523	0.0078	-0.0608
	F-838	WORK ACTIVITIES	-0.0545	-0.0856	-0.1831	-0.1603	-0.1458	-0.1508	-0.1444	-0.0808	-0.0703	-0.1151

TABLE 6.1 (continued)

R-111	R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135	R-136	R-137	R-138		
0.2081	0.2825	0.2545	0.2274	0.3090	0.2847	0.2567	0.3108	0.2532	0.1867	0.2510	0.2218	0.1919	INFORMATION TEST I	R-101
0.3850	0.3799	0.2990	0.2834	0.2279	0.3866	0.3555	0.3723	0.3028	0.2756	0.3360	0.3456	0.2574		R-102
0.3829	0.2968	0.2840	0.3374	0.4837	0.4215	0.5315	0.4925	0.3334	0.4784	0.5136	0.5841	0.4715		R-103
0.3885	0.2943	0.2302	0.3442	0.4323	0.5537	0.4495	0.4374	0.3180	0.4313	0.4681	0.5121	0.4024		R-104
0.4110	0.3461	0.3421	0.3525	0.5337	0.5518	0.5490	0.5188	0.3796	0.4478	0.5217	0.5780	0.4693		R-105
0.4776	0.3357	0.2616	0.3403	0.4722	0.4850	0.4761	0.4590	0.3582	0.4134	0.4617	0.4634	0.3635		R-106
0.6261	0.4471	0.3511	0.3839	0.4042	0.5006	0.4939	0.5007	0.4130	0.4209	0.4457	0.4890	0.3872		R-107
0.4711	0.4418	0.4191	0.3741	0.3162	0.4333	0.4096	0.4690	0.3658	0.3386	0.3512	0.4192	0.3139		R-108
0.3432	0.3528	0.3042	0.2878	0.3410	0.3897	0.4093	0.3761	0.2957	0.3040	0.3482	0.3574	0.2783		R-109
0.5710	0.4597	0.2943	0.3258	0.3235	0.4574	0.4590	0.3983	0.3759	0.3696	0.3915	0.4463	0.3982		R-110
	0.5737	0.3159	0.3750	0.1776	0.3759	0.3841	0.3653	0.3988	0.3245	0.3168	0.3348	0.2815		R-111
0.5737		0.4657	0.3337	0.2224	0.3057	0.3410	0.3369	0.4035	0.2700	0.2615	0.2665	0.2357		R-112
0.3159	0.4657		0.3095	0.2359	0.2402	0.2723	0.2987	0.2911	0.2222	0.2101	0.2143	0.1700		R-113
0.3750	0.3837	0.3095		0.2157	0.3261	0.2946	0.3306	0.2906	0.2773	0.2868	0.2649	0.2208		R-114
0.1776	0.2224	0.2359	0.2157		0.3913	0.3874	0.3585	0.2497	0.3035	0.4268	0.3919	0.3707		R-115
0.3759	0.3057	0.2402	0.3261	0.3913		0.4884	0.4910	0.3544	0.4280	0.4677	0.5197	0.4028	INFORMATION TEST II	R-131
0.3841	0.3410	0.2723	0.2946	0.3874	0.4884		0.4247	0.3320	0.3612	0.4512	0.4456	0.4176		R-132
0.3653	0.3369	0.2987	0.3306	0.3585	0.4910	0.4247		0.3593	0.3334	0.4192	0.4124	0.3281		R-133
0.3988	0.4035	0.2911	0.2908	0.2497	0.3544	0.3320	0.3593		0.2832	0.2991	0.3028	0.2635		R-134
0.3245	0.2700	0.2222	0.2773	0.3035	0.4280	0.3612	0.3334	0.2832		0.3500	0.4012	0.3221		R-135
0.3168	0.2615	0.2101	0.2868	0.4268	0.4677	0.4512	0.4192	0.2991	0.3500		0.4285	0.3855		R-136
0.3348	0.2665	0.2143	0.2649	0.3919	0.5197	0.4456	0.4124	0.3028	0.4012	0.4285		0.4107		R-137
0.2815	0.2357	0.1700	0.2208	0.3707	0.4028	0.4176	0.3281	0.2635	0.3221	0.3855	0.4107			R-138
0.3694	0.3331	0.2529	0.3263	0.3601	0.4670	0.4762	0.4220	0.3167	0.3527	0.4416	0.4122	0.3722		R-139
0.2733	0.3102	0.2166	0.2668	0.3272	0.4054	0.3772	0.4072	0.3371	0.2762	0.3618	0.3336	0.3030		R-140
0.2040	0.2357	0.2551	0.2235	0.2478	0.2671	0.2676	0.2868	0.2210	0.2029	0.2646	0.2206	0.2116		R-141
0.2530	0.2010	0.2553	0.2415	0.3102	0.4180	0.4301	0.3662	0.2763	0.3607	0.3585	0.3749	0.3403		R-142
0.1465	0.1355	0.1029	0.1359	0.1530	0.2362	0.1645	0.1898	0.1331	0.2007	0.1675	0.1990	0.1440		R-143
0.1409	0.1382	0.1171	0.1393	0.1870	0.1889	0.1764	0.1745	0.1525	0.1658	0.1791	0.1609	0.1550		R-144
0.1865	0.3274	0.3386	0.1416	0.0601	0.0300	0.1099	0.0964	0.1621	0.0527	0.0163	0.0430	0.0804		R-145
0.2148	0.3039	0.2762	0.1949	0.1824	0.1592	0.1682	0.1909	0.2042	0.1380	0.1160	0.1532	0.1297		R-146
0.3818	0.3989	0.3109	0.3156	0.3511	0.3991	0.3874	0.4007	0.3871	0.3099	0.3426	0.3489	0.3036		R-147
0.3091	0.2708	0.1963	0.2327	0.2452	0.3467	0.3158	0.3261	0.2827	0.2505	0.2963	0.2844	0.2347		R-148
0.2376	0.1653	0.1174	0.1973	0.3264	0.3645	0.3119	0.2992	0.2163	0.2511	0.2309	0.3227	0.2656		R-149
0.3173	0.2587	0.2084	0.2940	0.4296	0.5620	0.4820	0.4320	0.2986	0.3806	0.4867	0.4770	0.3971		R-150
0.2321	0.1883	0.0946	0.2353	0.2596	0.3889	0.3030	0.2755	0.1773	0.2947	0.3128	0.3503	0.2645		R-151
0.3896	0.3086	0.2228	0.3071	0.3994	0.5190	0.4715	0.4593	0.3385	0.3899	0.4435	0.4767	0.3997		R-152
0.4286	0.3984	0.3286	0.3777	0.4414	0.6161	0.5680	0.5724	0.4049	0.4181	0.5977	0.5124	0.4237		R-162
0.1156	0.1225	0.1291	0.1225	0.0836	0.1494	0.1381	0.1281	0.1106	0.1011	0.1059	0.0969	0.0828	ENGLISH TEST	R-211
0.1915	0.1573	0.1735	0.1896	0.2791	0.3046	0.2672	0.2860	0.1981	0.2535	0.2545	0.2711	0.1980		R-212
0.2563	0.2406	0.2118	0.2562	0.3671	0.4541	0.3512	0.3923	0.2633	0.3241	0.3976	0.3964	0.2990		R-220
0.1555	0.1261	0.1843	0.1771	0.3398	0.3360	0.2864	0.3372	0.1937	0.2770	0.3370	0.3221	0.2400		R-231
0.1856	0.1998	0.1970	0.1736	0.2777	0.2763	0.2724	0.2745	0.2166	0.2019	0.2679	0.2478	0.1923		R-232
0.3035	0.2392	0.2447	0.2621	0.3708	0.4071	0.3920	0.4007	0.2770	0.3399	0.4064	0.3814	0.2800		R-233
0.2780	0.2505	0.2446	0.2460	0.3286	0.3841	0.3804	0.3568	0.2578	0.2960	0.3630	0.3607	0.2839		R-234
0.2389	0.2337	0.2164	0.2201	0.3163	0.3465	0.3285	0.3277	0.2390	0.2651	0.3352	0.3038	0.2382		R-235
0.2898	0.2193	0.2254	0.2471	0.3644	0.3866	0.3794	0.3729	0.2694	0.3353	0.3753	0.3519	0.2678	MATH TEST	R-240
0.4154	0.3713	0.3464	0.3568	0.4811	0.5907	0.5511	0.5366	0.3989	0.4489	0.5374	0.5364	0.4421		R-250
0.4614	0.4352	0.3277	0.3616	0.3198	0.4616	0.4206	0.4022	0.3734	0.3679	0.3921	0.3835	0.3187		R-260
0.5387	0.5082	0.3524	0.3105	0.2127	0.3126	0.3267	0.3120	0.3761	0.2680	0.2585	0.2745	0.2367		R-270
0.2500	0.2448	0.1767	0.1782	0.1941	0.2144	0.1899	0.1841	0.2085	0.1611	0.1527	0.1708	0.1397		R-281
0.4187	0.3489	0.2349	0.2713	0.1548	0.2815	0.2577	0.2379	0.2887	0.2485	0.2073	0.2346	0.1861		R-282
0.3369	0.2638	0.2041	0.2371	0.3013	0.3565	0.3079	0.3193	0.2806	0.2714	0.3085	0.3100	0.2309		R-290
0.4091	0.3626	0.3100	0.3108	0.3937	0.4066	0.4379	0.4060	0.3351	0.3298	0.4077	0.3792	0.3083		R-311
0.3930	0.2677	0.2314	0.2809	0.4323	0.4207	0.4208	0.4011	0.3064	0.3557	0.4070	0.4004	0.3233		R-312
0.3514	0.2156	0.1802	0.2383	0.3593	0.3607	0.3595	0.3307	0.2514	0.3044	0.3333	0.3417	0.2779		R-333
0.1468	0.1427	0.1646	0.1744	0.3363	0.2521	0.2434	0.2594	0.1814	0.1863	0.2581	0.2307	0.1723		F-410
0.0494	0.0535	0.0429	0.0629	0.1337	0.1151	0.1037	0.1100	0.0927	0.0587	0.1017	0.0905	0.0778		F-420
0.0491	0.0416	0.0440	0.0799	0.2182	0.1997	0.1498	0.1707	0.0954	0.1189	0.1812	0.1598	0.1271		F-430
0.0978	0.0946	0.0341	0.0899	0.1204	0.1459	0.0916	0.1058	0.1117	0.0815	0.0892	0.1043	0.0879		F-440
0.0869	0.0660	0.1203	0.1146	0.3424	0.2060	0.1960	0.2224	0.1453	0.1626	0.2139	0.1956	0.1603		A-410
-0.0288	-0.0413	-0.0248	0.0007	0.0687	0.0179	0.0158	0.0117	0.0050	-0.0022	0.0208	0.0129	0.0244		A-420
-0.0798	-0.0983	-0.0761	-0.0289	0.0592	0.0243	-0.0090	-0.0058	-0.0359	0.0032	0.0135	0.0079	0.0186		A-430
0.0396	0.0354	-0.0106	0.0466	0.0638	0.0836	0.0250	0.0352	0.0533	0.0354	0.0286	0.0458	0.0502		A-440
-0.0696	-0.0487	0.0020	-0.0168	0.0211	-0.0261	-0.0245	-0.0296	-0.0281	-0.0331	-0.0378	-0.0417	-0.0008		A-500
0.3328	0.1953	0.1064	0.1590	0.1993	0.1996	0.2171	0.2113	0.1983	0.1690	0.1711	0.1820	0.1805	INTEREST INVENTORY	P-701
0.1349	0.0599	0.0526	0.1338	0.1574	0.1804	0.1509	0.2023	0.1067	0.1427	0.1436	0.1530	0.1333		P-702
-0.0492	-0.0789	-0.0326	0.0331	0.1502	0.1096	0.1352	0.0657	0.0131	0.0903	0.1232	0.0991	0.1346		P-703
0.0022	-0.0837	-0.0036	0.0696	0.1423	0.2222	0.1870	0.1234	0.0486	0.1736	0.1804	0.1857	0.1715		P-704
-0.1218	-0.1578	-0.0500	0.0094	0.0584	0.0215	0.0152	0.0022	-0.0333	0.0253	0.0445	0.0070	0.0130		P-705
0.0551	0.0195	0.0016	0.0855	0.0102	0.1607	0.0654	0.0545	0.0697	0.1311	0.0532	0.0785	0.0444		P-706
0.0305	-0.0589	-0.0332	0.0467	-0.0268	0.0865	0.0426	0.0243	0.0104	0.0821	0.0444	0.0547	0.0276		P-707
-0.1599	-0.0814	-0.0031	-0.0503	0.3544	0.0015	0.0104	0.0081	-0.0020	-0.0043	0.0403	0.0068	0.0542		P-708
-0.0335	0.0874	0.1193	0.0033	0.0011	-0.0600	-0.0523	-0.0394	0.0216	-0.0588	-0.0967	-0.0516	-0.0307		P-709
-0.1178	-0.0864	-0.0507	-0.0014	0.0799	0.0063	0.0242	-0.0113	-0.0182	0.0115	0.0274	-0.0145	0.0320		P-710
-0.1451	-0.1115	-0.0489	-0.0271	0.0465	-0.0321	-0.0205	-0.0372	-0.0569	-0.0126	0.0044	-0.0369	-0.0145		P-711
-0.0376	-0.0855	-0.0422	0.0186	0.0992	-0.0075	0.0280	0.0150	-0.0037	-0.0096	0.0371	-0.0165	0.0061		P-712
-0.1340	-0.1514	-0.0533	-0.0464	-0.0661	-0.1145	-0.0901	-0.0950	-0.0750	-0.0796	-0.0835	-0.1261	-0.0997		P-713
0.1704	0.1952	0.0563	0.0047	-0.1415	-0.1490	-0.0965	-0.1018	0.0394	-0.0850	-0.1437	-0.1540	-0.1233		P-714
-0.1118	-0.0134	-0.0153	-0.0853	-0.1938	-0.2502	-0.2186	-0.2217	-0.0874	-0.1699	-0.2391	-0.2448	-0.2042		P-715
-0.0560	0.0811	0.1988	0.0094	-0.0967	-0.1454	-0.1027	-0.0908	0.0077	-0.0868	-0.1496	-0.1220	-0.0958		P-716
-0.1440	-0.0448	-0.0034	-0.0982	-0.1565	-0.2401	-0.1955	-0.2130	-0.0935	-0.1595	-0.2175	-0.2191	-0.1303		P-717
-0.0842	0.0032	0.0159	0.0408	0.1670	0.0527	0.0270	0.0605	0.0236	0.0213	0.0693	0.0164	0.0438	STDNT ACTIV INVEN	R-601
0.0447	0.0157	0.0251	0.0891	0.1042	0.1502	0.0983	0.1435	0.0656	0.1018	0.1401	0.1110	0.1058		R-602
0.0226	0.0501	0.0284	0.0362	0.0763	0.0709	0.0699	0.0459	0.0325	0.0502	0.0626	0.0642	0.0729		R-603
0.0139	0.0722	0.0974	0.0886	0.2200	0.0925	0.0805	0.1352	0.0916	0.0752	0.1078	0.0789	0.0863		R-604
0.1200	0.1164	0.1058	0.1319	0.1651	0.1441	0.1521	0.1710	0.1243	0.1154	0.1490	0.1245	0.1219		R-605
0.0147	0.0124	0.0177	0.0886	0.0993	0.1087	0.0574	0.1212	0.0658	0.0866	0.1148	0.0709	0.0581		R-606
0.0082	-0.0060	0.0287	0.0948	0.0763	0.1173	0.0590	0.0942	0.0597	0.1001	0.0969	0.0753	0.0714		R-607
0.0215	0.0153	0.0408	0.0877	0.1787	0.1116	0.1119	0.1139	0.0593	0.1046	0.1336	0.1000	0.1196		R-608
0.1096	0.1030	0.0731	0.1192	0.1449	0.1502	0.1495	0.1395	0.1180	0.0997	0.1367	0.1167	0.1197		R-609
0.1197	0.0950	0.0966	0.1379	0.1360	0.1580	0.1347	0.1739	0.1261	0.1383	0.1600	0.1197	0.1098		R-610
0.2262	0.1216	0.0890	0.1865	0.3534	0.3426	0.3203	0.3086	0.2113	0.2774	0.3372	0.3200	0.2906	STUDENT INFO BLANK SCALES	D-802
0.2638	0.1209	0.0772	0.2061	0.3631	0.3917	0.3468	0.3407	0.2250	0.3065	0.3645	0.3627	0.3132		F-803
0.1474	0.0227	0.1017	0.1261	0.2324	0.2230	0.2230	0.2273	0.1336	0.2046	0.2293	0.2237	0.1677		P-820
0.0412	0.0066	-0.0198	0.0570	0.0800	0.0637	0.0424	0.0358	0.0235	0.0646	0.0635	0.0573	0.0682		F-822
0.0756	0.0793	0.0506	0.1119	0.1366	0.1448	0.1398	0.1296	0.0908	0.1139	0.1351	0.1233	0.1323		F-823
0.1507	0.0503	0.1014	0.1457	0.1976	0.2371	0.2024	0.2214	0.1537	0.2040	0.2311	0.2080	0.1491		P-827
0.0773	0.0288	0.0648	0.1021	0.1800	0.2397	0.1941	0.2013	0.1018	0.1880	0.2315	0.2067	0.1614		P-828
0.1940	0.1486	0.1686	0.1607	0.2333	0.3092	0.2906	0.2577	0.1863	0.2271	0.2832	0.2812	0.2575		P-829
0.1466	0.0838	0.1125	0.1103	0.1217	0.2154	0.2085	0.1492	0.1157	0.1648	0.1504	0.1884	0.1902		F-830
-0.0428	-0.0893	-0.0339	-0.0301	-0.0489	-0.0613	-0.0607	-0.0696	-0.0474	-0.0162	-0.0537	-0.0733	-0.0127		P-831
-0.0052	-0.0529	0.0014	0.0097	-0.0116	-0.0142	-0.0164	-0.0274	-0.0123	0.0182	0.0005	-0.0337	0.0353		F-832
0.1351	0.1324	0.0793	0.0884	-0.0909	-0.0251	-0.0381	-0.0116	0.0541	-0.0028	-0.0662	-0.0586	-0.0519		P-833
0.1476	0.1329	0.0630	0.0884	-0.1657	-0.0318	-0.0528	-0.0445	0.0455	-0.0128	-0.0839	-0.0665	-0.0615		F-834
-0.0201	0.0232	-0.0007	0.0280	0.3030	0.1074	0.0694	0.0855	0.0736	0.0601	0.0908	0.0919	0.1032		F-835
-0.0180	-0.0273	-0.0045	0.0152	0.1261	0.0349	0.0382	0.0362	0.0120	0.0359	0.0531	0.0322	0.0501		F-836
-0.0645	0.0299	-0.0597	-0.0151	0.0654	-0.0165	-0.0208	-0.0154	-0.0071	-0.0189	-0.0145	-0.0210	0.0115		F-837
-0.0493	0.0555	0.0158	-0.0103	-0.1142	-0.1681	-0.1101	-0.1169	-0.0237	-0.0898	-0.1232	-0.1415	-0.0936		F-838

TABLE 6.1 (continued)

			R-139	R-140	R-141	R-142	R-143	R-144	R-145	R-146	R-147	R-148
INFORMATION TEST I	R-101	SCREENING	0.2410	0.3315	0.2365	0.2206	0.0813	0.1373	0.0764	0.1385	0.3018	0.2255
	R-102	VOCABULARY I	0.3326	0.2965	0.2030	0.2872	0.1341	0.1466	0.0954	0.1387	0.3358	0.2731
	R-103	LITERATURE	0.4829	0.3816	0.2673	0.5239	0.2280	0.2174	0.0403	0.1630	0.4145	0.3280
	R-104	MUSIC	0.4371	0.3471	0.2689	0.4073	0.2478	0.2062	-0.0164	0.1162	0.3788	0.3194
	R-105	SOCIAL STUDIES	0.5012	0.4076	0.2913	0.5016	0.2096	0.2130	0.0783	0.1682	0.4316	0.3298
	R-106	MATHEMATICS	0.4512	0.3515	0.2412	0.4317	0.2237	0.2551	0.0141	0.1319	0.4225	0.3413
	R-107	PHYSICAL SCIENCES	0.4370	0.3476	0.2446	0.4293	0.2131	0.2055	0.1231	0.2069	0.4481	0.3418
	R-108	BIOLOGICAL SCIENCES	0.3645	0.2937	0.2242	0.3748	0.1628	0.1575	0.2253	0.2849	0.4153	0.2687
	R-109	SCIENTIFIC ATTITUDE	0.3754	0.3143	0.2053	0.3571	0.1266	0.1818	0.1224	0.1881	0.3650	0.2775
	R-110	AERONAUTICS AND SPACE	0.3956	0.2997	0.1923	0.3603	0.1460	0.1537	0.1627	0.2188	0.4114	0.3042
	R-111	ELECTRICITY,ELECTRONICS	0.3694	0.2733	0.2040	0.2530	0.1465	0.1409	0.1865	0.2148	0.3818	0.3091
	R-112	MECHANICS	0.3331	0.3102	0.2357	0.2010	0.1355	0.1382	0.3274	0.3039	0.3989	0.2708
	R-113	FARMING	0.2529	0.2166	0.2551	0.2553	0.1029	0.1171	0.3386	0.2762	0.3109	0.1983
	R-114	HOME ECONOMICS	0.3263	0.2668	0.2235	0.2415	0.1859	0.1393	0.1416	0.1949	0.3156	0.2327
	R-115	SPORTS	0.3601	0.3272	0.2478	0.3102	0.1530	0.1870	0.0601	0.1824	0.3511	0.2452
INFORMATION TEST II	R-131	ART	0.4670	0.4054	0.2671	0.4180	0.2362	0.1889	0.0300	0.1592	0.3991	0.3467
	R-132	LAW	0.4762	0.3772	0.2676	0.4301	0.1645	0.1764	0.1099	0.1682	0.3874	0.3158
	R-133	HEALTH	0.4220	0.4072	0.2868	0.3662	0.1898	0.1745	0.0964	0.1909	0.4007	0.3261
	R-134	ENGINEERING	0.3167	0.3371	0.2210	0.2763	0.1331	0.1525	0.1621	0.2042	0.3871	0.2827
	R-135	ARCHITECTURE	0.3527	0.2762	0.2029	0.3607	0.2007	0.1658	0.0527	0.1560	0.3099	0.2505
	R-136	JOURNALISM	0.4416	0.3618	0.2646	0.3585	0.1675	0.1791	0.0163	0.1160	0.3426	0.2963
	R-137	FOREIGN TRAVEL	0.4122	0.3336	0.2206	0.3749	0.1990	0.1609	0.0430	0.1532	0.3489	0.2844
	R-138	MILITARY	0.3722	0.3000	0.2116	0.3403	0.1440	0.1550	0.0804	0.1297	0.3036	0.2397
	R-139	ACCOUNTING,BUSINESS,SALES		0.3735	0.2875	0.3654	0.1899	0.1809	0.0580	0.1389	0.3530	0.3054
	R-140	PRACTICAL KNOWLEDGE	0.3735		0.2960	0.3113	0.1456	0.1858	0.0748	0.1642	0.3873	0.2996
	R-141	CLERICAL	0.2875	0.2960		0.2299	0.1233	0.1361	0.0768	0.1337	0.2621	0.2350
	R-142	BIBLE	0.3654	0.3113	0.2299		0.1533	0.1794	0.0792	0.1305	0.3102	0.2548
	R-143	COLORS	0.1899	0.1456	0.1233	0.1533		0.0948	0.0021	0.0738	0.1427	0.1309
	R-144	ETIQUETTE	0.1809	0.1858	0.1361	0.1794	0.0948		0.0432	0.0567	0.2079	0.1526
	R-145	HUNTING	0.0580	0.0746	0.0768	0.0792	0.0021	0.0432		0.3692	0.1991	0.0701
	R-146	FISHING	0.1389	0.1642	0.1337	0.1305	0.0738	0.0567	0.3692		0.2688	0.1542
	R-147	OUTDOOR ACTIVITIES(OTHER)	0.3530	0.3873	0.2621	0.3102	0.1427	0.2079	0.1991	0.2688		0.3266
	R-148	PHOTOGRAPHY	0.3054	0.2996	0.2350	0.2548	0.1309	0.1526	0.0701	0.1542	0.3266	
	R-149	GAMES(SEDENTARY)	0.3059	0.2831	0.1567	0.2831	0.1516	0.1560	0.0070	0.1003	0.3018	0.2133
	R-150	THEATER,BALLET	0.4757	0.3928	0.2929	0.3906	0.2124	0.1907	0.0004	0.1201	0.3760	0.3211
	R-151	FOODS	0.3303	0.2507	0.1509	0.2198	0.2046	0.1420	-0.0440	0.0783	0.2446	0.2037
	R-152	MISCELLANEOUS	0.4363	0.3884	0.2697	0.4120	0.2204	0.1981	0.0478	0.1518	0.3964	0.3198
	R-162	VOCABULARY II	0.6115	0.4459	0.3096	0.4446	0.2318	0.2085	0.0974	0.2019	0.4958	0.3696
	R-211	MEMORY FOR SENTENCES	0.1194	0.1228	0.0972	0.1658	0.0692	0.0632	0.0650	0.0669	0.1299	0.0823
	R-212	MEMORY FOR WORDS	0.2334	0.2098	0.1553	0.2854	0.1710	0.1527	0.0151	0.0867	0.2295	0.1934
ENGLISH TEST	R-220	DISGUISED WORDS	0.3578	0.3171	0.2620	0.3302	0.2333	0.1895	0.0227	0.1300	0.3215	0.2909
	R-231	SPELLING	0.2825	0.2376	0.2502	0.2901	0.1912	0.1594	-0.0239	0.0639	0.2401	0.2282
	R-232	CAPITALIZATION	0.2416	0.2611	0.1878	0.2345	0.1155	0.1488	0.0192	0.0927	0.2546	0.1975
	R-233	PUNCTUATION	0.3719	0.3215	0.2486	0.4180	0.2065	0.2239	0.0073	0.1048	0.3449	0.2930
	R-234	USAGE	0.3456	0.2686	0.2058	0.3635	0.1764	0.1812	0.0385	0.1152	0.3177	0.2626
	R-235	EFFECTIVE EXPRESSION	0.3139	0.2690	0.1810	0.3058	0.1453	0.1770	0.0545	0.1111	0.3060	0.2430
	R-240	WORD FUNCTIONS IN SENTENCES	0.3571	0.2661	0.2039	0.4257	0.1994	0.1998	0.0201	0.1071	0.3187	0.2652
	R-250	READING COMPREHENSION	0.5133	0.4334	0.2897	0.5344	0.2062	0.2435	0.0941	0.2005	0.4756	0.3842
	R-260	CREATIVITY	0.4109	0.3479	0.2506	0.3637	0.2048	0.2040	0.1543	0.2167	0.4124	0.3297
	R-270	MECHANICAL REASONING	0.2911	0.2714	0.1743	0.2686	0.1417	0.2106	0.2392	0.2225	0.4027	0.2614
	R-281	VISUALIZATION IN 2-DIMENSIONS	0.1730	0.2044	0.1221	0.1552	0.1149	0.1448	0.1041	0.1051	0.2369	0.1565
	R-282	VISUALIZATION IN 3-DIMENSIONS	0.2374	0.2212	0.1196	0.2271	0.1483	0.1738	0.1272	0.1344	0.2905	0.2027
MATH TEST	R-290	ABSTRACT REASONING	0.2964	0.2789	0.1456	0.2836	0.1648	0.2055	0.0414	0.1028	0.3216	0.2443
	R-311	ARITHMETIC REASONING	0.4559	0.3329	0.2350	0.3888	0.1740	0.2247	0.0983	0.1584	0.3778	0.3025
	R-312	INTRODUCTORY HIGH SCHOOL MATH	0.4105	0.3205	0.2124	0.3882	0.1995	0.2468	0.0057	0.1045	0.3718	0.2982
	R-333	ADVANCED MATH	0.3439	0.2478	0.1625	0.3274	0.1815	0.2104	-0.0169	0.0843	0.3119	0.2536
	F-410	ARITHMETIC COMPUTATION	0.2563	0.2624	0.2028	0.2192	0.0947	0.1414	0.0080	0.0639	0.2410	0.2031
	F-420	TABLE READING	0.0929	0.1448	0.1069	0.0738	0.0517	0.0459	0.0019	0.0225	0.1044	0.0896
	F-430	CLERICAL CHECKING	0.1377	0.1842	0.1523	0.1240	0.1129	0.0904	-0.0218	0.0322	0.1280	0.1203
	F-440	OBJECT INSPECTION	0.0861	0.1575	0.0784	0.0695	0.0755	0.0722	0.0258	0.0453	0.1217	0.0976
	A-410	ARITHMETIC COMPUTATION	0.2091	0.2199	0.2059	0.1955	0.1039	0.1343	-0.0139	0.0612	0.1927	0.1656
	A-420	TABLE READING	0.0097	0.0304	0.0462	0.0035	0.0242	0.0219	-0.0269	-0.0017	0.0029	0.0075
	A-430	CLERICAL CHECKING	-0.0151	0.0313	0.0591	0.0040	0.0396	0.0162	-0.0663	-0.0311	-0.0253	0.0024
	A-440	OBJECT INSPECTION	0.0248	0.0952	0.0493	0.0182	0.0573	0.0400	0.0009	0.0250	0.0528	0.0430
	A-500	PREFERENCES	-0.0395	0.0172	0.0575	-0.0002	-0.0117	-0.0168	0.0099	0.0203	-0.0102	-0.0139
INTEREST INVENTORY	P-701	PHYSICAL SCIENCE,ENGRNG.,MATH	0.1822	0.1378	0.0911	0.1980	0.0935	0.0988	0.0475	0.1012	0.1916	0.1660
	P-702	BIOLOGICAL SCIENCE & MEDICINE	0.1294	0.0914	0.0704	0.1761	0.0841	0.0650	-0.0118	0.0774	0.1385	0.1150
	P-703	PUBLIC SERVICE	0.1310	0.0553	0.0705	0.1377	0.0506	0.0368	-0.0806	-0.0451	0.0301	0.0348
	P-704	LITERARY,LINGUISTICS	0.1594	0.0659	0.0892	0.2495	0.0978	0.0592	-0.1012	-0.0262	0.0590	0.0906
	P-705	SOCIAL SERVICE	0.0184	-0.0088	0.0432	0.1359	0.0267	0.0194	-0.1233	-0.0860	-0.0299	-0.0095
	P-706	ARTISTIC	0.0449	0.0256	0.0157	0.1006	0.1038	0.0264	-0.0455	0.0076	0.0357	0.0466
	P-707	MUSICAL	0.0187	-0.0011	0.0225	0.1285	0.0681	0.0256	-0.1014	-0.0622	-0.0054	0.0414
	P-708	SPORTS	-0.0144	0.0310	0.0254	0.0335	0.0091	0.0317	0.0230	0.0633	0.0534	0.0011
	P-709	HUNTING & FISHING	-0.0896	-0.0272	-0.0435	-0.0282	-0.0255	-0.0249	0.2946	0.2790	0.0564	-0.0330
	P-710	BUSINESS MANAGEMENT	0.0578	0.0090	0.0419	0.0392	0.0120	0.0099	-0.0735	-0.0637	-0.0144	0.0017
	P-711	SALES	0.0290	-0.0199	0.0194	-0.0112	0.0027	-0.0004	-0.0718	-0.0599	-0.0447	-0.0230
	P-712	COMPUTATION	0.0892	0.0234	0.0801	0.0324	0.0211	0.0338	-0.1026	-0.0728	-0.0188	0.0184
	P-713	OFFICE WORK	-0.0596	-0.0712	0.0439	-0.0271	-0.0152	-0.0348	-0.0737	-0.0796	-0.1022	-0.0630
	P-714	MECHANICAL,TECHNICAL	-0.1024	-0.0704	-0.0628	-0.1203	-0.0391	-0.0467	0.1462	0.0750	-0.0267	-0.0334
	P-715	SKILLED TRADES	-0.2007	-0.1677	-0.1026	-0.1901	-0.0696	-0.0854	0.0842	-0.0006	-0.1430	-0.1468
	P-716	FARMING	-0.1053	-0.0987	-0.0396	-0.0569	-0.0653	-0.0362	0.2312	0.1365	-0.0045	-0.0783
	P-717	LABOR	-0.1853	-0.1566	-0.0782	-0.1599	-0.0754	-0.0777	0.0802	-0.0008	-0.1322	-0.1392
STDNT ACTIV INVEN	R-601	SOCIABILITY	0.0533	0.1298	0.0937	0.0512	0.0411	0.0489	-0.0227	0.0105	0.0800	0.0670
	R-602	SOCIAL SENSITIVITY	0.1287	0.1213	0.0890	0.1356	0.0531	0.0673	-0.0370	0.0109	0.0934	0.1076
	R-603	IMPULSIVENESS	0.0890	0.0786	0.0614	0.0836	0.0182	0.0275	0.0270	0.0642	0.0494	0.0513
	R-604	VIGOR	0.0967	0.1317	0.1045	0.1050	0.0470	0.0667	0.0523	0.0868	0.1383	0.0943
	R-605	CALMNESS	0.1571	0.1684	0.1529	0.1478	0.0602	0.1023	0.0413	0.0717	0.1725	0.1438
	R-606	TIDINESS	0.0928	0.1330	0.1198	0.0882	0.0567	0.0677	-0.0456	-0.0069	0.0849	0.0976
	R-607	CULTURE	0.0842	0.1018	0.1014	0.1297	0.0720	0.0741	-0.0451	-0.0028	0.0683	0.0932
	R-608	LEADERSHIP	0.1274	0.1041	0.0970	0.1441	0.0635	0.0830	-0.0280	0.0153	0.0993	0.0811
	R-609	SELF-CONFIDENCE	0.1407	0.1509	0.1302	0.1296	0.0676	0.0816	0.0224	0.0544	0.1469	0.1367
	R-610	MATURE PERSONALITY	0.1714	0.1537	0.1510	0.1697	0.0692	0.0867	-0.0064	0.0377	0.1479	0.1399
STUDENT INFO BLANK SCALES	D-802	HS CURRIC-ACAD VS OTHER	0.2803	0.2434	0.1444	0.3107	0.1351	0.1818	-0.0484	0.0630	0.2738	0.2250
	F-803	HS COURSES(ACAD ORIENT)	0.3238	0.2510	0.1286	0.3329	0.1567	0.1855	-0.0775	0.0554	0.2802	0.2346
	P-820	HIGH SCHOOL GRADES	0.2135	0.1195	0.1386	0.2918	0.1160	0.1093	-0.0335	0.0311	0.1438	0.1540
	F-822	GUIDANCE RECD IN HS	0.0410	0.0412	0.0122	0.0076	0.0418	0.0406	-0.0327	0.0184	0.0451	0.0275
	F-823	GUIDANCE RECD ELSEWHERE	0.1393	0.1298	0.0823	0.1334	0.0716	0.0925	0.0012	0.0332	0.1197	0.0945
	P-827	STUDY HABITS & ATTITUDES	0.2060	0.1699	0.1431	0.2238	0.0928	0.1022	-0.0644	0.0127	0.1616	0.1573
	P-828	SELF-PERCEP OF WRTG SKILLS	0.1833	0.1317	0.1336	0.2228	0.1347	0.0889	-0.0548	0.0302	0.1229	0.1425
	P-829	SELF-PERCEP OF RDNG SKILLS	0.2659	0.2112	0.1840	0.3103	0.1041	0.0831	0.0575	0.1114	0.2238	0.1953
	F-830	AMT OF EX-CURR RDNG	0.1618	0.1135	0.1234	0.2365	0.0677	0.0526	0.0769	0.0992	0.1510	0.1275
	P-831	VAR OF EX-CURR GRP ACT	-0.0444	-0.0789	-0.0496	-0.0077	0.0005	0.0034	-0.0305	-0.0315	-0.0494	-0.0349
	F-832	VAR PARTIC IN EX-CURR GRP ACT	0.0027	-0.0293	0.0164	0.0487	0.0118	0.0237	-0.0229	[illegible]	-0.0023	0.0061
	P-833	VARIETY OF HOBBIES	-0.0298	-0.0267	-0.0095	-0.0555	0.0155	0.0022	0.1061	0.0746	0.0463	0.0266
	F-834	DEGREE OF ACT IN HOBBIES	-0.0387	-0.0290	-0.0155	-0.0664	0.0030	-0.0201	0.1061	0.0744	0.0203	0.0231
	F-835	PARTICIPATION IN SPORTS	0.0675	0.1212	0.0315	0.0573	0.0339	0.0696	0.0521	0.0863	0.1599	0.0709
	F-836	LEADERSHIP ROLES	0.0377	0.0316	0.0352	0.0528	0.0363	0.0525	-0.0331	-0.0052	0.0436	0.0339
	F-837	SOCIAL LIFE	0.0027	0.0473	-0.0102	-0.0696	0.0167	0.0341	0.0737	0.0337	0.0133	-0.0198
	F-838	WORK ACTIVITIES	-0.0617	-0.0292	-0.0271	-0.0920	-0.0457	-0.0245	0.0814	0.0118	-0.0522	-0.0757

TABLE 6.1 (continued)

R-149	R-150	R-151	R-152	R-162	R-211	R-212	R-220	R-231	R-232	R-233	R-234	R-235		
0.2008	0.2625	0.1428	0.2849	0.3096	0.0905	0.1721	0.2511	0.2362	0.2365	0.2510	0.2246	0.2040	R-101	INFORMATION TEST I
0.2163	0.3429	0.2286	0.3519	0.4390	0.1191	0.2027	0.3078	0.2349	0.2432	0.3360	0.3231	0.2909	R-102	
0.4057	0.5779	0.3961	0.5585	0.6044	0.1423	0.3754	0.4845	0.4214	0.3258	0.5060	0.4648	0.4046	R-103	
0.3521	0.5605	0.4085	0.4983	0.5423	0.1043	0.3157	0.4724	0.3717	0.2744	0.4403	0.4036	0.3475	R-104	
0.3773	0.5069	0.3162	0.5558	0.6146	0.1452	0.3608	0.4160	0.4113	0.3584	0.5149	0.4462	0.4076	R-105	
0.4172	0.4774	0.3359	0.5223	0.5693	0.1621	0.4070	0.4606	0.4546	0.3477	0.6248	0.4898	0.4197	R-106	
0.3701	0.4442	0.2991	0.5294	0.5712	0.1612	0.3620	0.4128	0.3614	0.3059	0.5180	0.4363	0.3783	R-107	
0.2744	0.3549	0.2392	0.4162	0.4895	0.1450	0.2748	0.3181	0.2499	0.2423	0.3794	0.3565	0.3183	R-108	
0.2649	0.3703	0.2359	0.3736	0.4522	0.1362	0.2450	0.3299	0.2503	0.2640	0.3974	0.3626	0.3629	R-109	
0.2865	0.4238	0.2736	0.4454	0.4941	0.1279	0.2271	0.3133	0.2042	0.2091	0.3353	0.3255	0.2950	R-110	
0.2376	0.3173	0.2321	0.3896	0.4286	0.1156	0.1915	0.2563	0.1555	0.1856	0.3035	0.2780	0.2389	R-111	
0.1653	0.2587	0.1883	0.3086	0.3984	0.1225	0.1573	0.2406	0.1261	0.1998	0.2392	0.2505	0.2337	R-112	
0.1174	0.2084	0.0946	0.2228	0.3286	0.1291	0.1735	0.2118	0.1843	0.1970	0.2447	0.2446	0.2164	R-113	
0.1973	0.2940	0.2853	0.3071	0.3777	0.1225	0.1896	0.2562	0.1771	0.1736	0.2621	0.2460	0.2201	R-114	
0.3264	0.4296	0.2596	0.3994	0.4414	0.0836	0.2791	0.3671	0.3398	0.2777	0.3708	0.3286	0.3163	R-115	
0.3645	0.5620	0.3889	0.5190	0.6161	0.1494	0.3046	0.4541	0.3360	0.2763	0.4071	0.3841	0.3465	R-131	INFORMATION TEST II
0.3119	0.4820	0.3030	0.4715	0.5680	0.1381	0.2672	0.3512	0.2864	0.2724	0.3920	0.3804	0.3285	R-132	
0.2992	0.4320	0.2755	0.4593	0.5724	0.1281	0.2860	0.3923	0.3372	0.2745	0.4007	0.3568	0.3277	R-133	
0.2163	0.2986	0.1773	0.3385	0.4049	0.1106	0.1981	0.2633	0.1937	0.2165	0.2770	0.2578	0.2390	R-134	
0.2511	0.3806	0.2947	0.3899	0.4181	0.1011	0.2535	0.3241	0.2770	0.2019	0.3399	0.2960	0.2651	R-135	
0.2809	0.4867	0.3128	0.4435	0.5977	0.1059	0.2545	0.3976	0.3370	0.2679	0.4064	0.3630	0.3352	R-136	
0.3227	0.4770	0.3503	0.4767	0.5124	0.0969	0.2711	0.3964	0.3221	0.2478	0.3814	0.3607	0.3038	R-137	
0.2656	0.3971	0.2645	0.3997	0.4237	0.0808	0.1980	0.2990	0.2400	0.1923	0.2880	0.2839	0.2382	R-138	
0.3059	0.4757	0.3303	0.4363	0.6115	0.1194	0.2334	0.3578	0.2825	0.2416	0.3719	0.3456	0.3139	R-139	
0.2831	0.3928	0.2507	0.3884	0.4459	0.1228	0.2098	0.3171	0.2376	0.2611	0.3215	0.2686	0.2690	R-140	
0.1567	0.2929	0.1509	0.2697	0.3096	0.0972	0.1553	0.2620	0.2502	0.1878	0.2486	0.2058	0.1810	R-141	
0.2831	0.3906	0.2198	0.4120	0.4446	0.1658	0.2854	0.3302	0.2901	0.2345	0.4130	0.3635	0.3058	R-142	
0.1516	0.2124	0.2046	0.2204	0.2318	0.0692	0.1710	0.2333	0.1912	0.1155	0.2065	0.1764	0.1453	R-143	
0.1560	0.1907	0.1420	0.1981	0.2085	0.0632	0.1527	0.1895	0.1504	0.1488	0.2239	0.1812	0.1770	R-144	
0.0070	0.0004	-0.0440	0.0478	0.0974	0.0650	0.0151	0.0227	-0.0239	0.0192	0.0073	0.0385	0.0545	R-145	
0.1003	0.1201	0.0783	0.1518	0.2019	0.0669	0.0867	0.1300	0.0639	0.0927	0.1048	0.1152	0.1111	R-146	
0.3018	0.3760	0.2446	0.3964	0.4958	0.1299	0.2295	0.3215	0.2401	0.2546	0.3449	0.3177	0.3060	R-147	
0.2133	0.3211	0.2037	0.3198	0.3696	0.0823	0.1934	0.2909	0.2282	0.1975	0.2930	0.2626	0.2430	R-148	
	0.3433	0.2520	0.3518	0.3620	0.1036	0.2430	0.2914	0.2196	0.1934	0.3080	0.2552	0.2268	R-149	
0.3433		0.3940	0.4838	0.6059	0.1205	0.2870	0.4738	0.3554	0.2748	0.4118	0.3905	0.3519	R-150	
0.2520	0.3940		0.3412	0.3666	0.0487	0.1805	0.3258	0.2180	0.1413	0.2500	0.2459	0.2147	R-151	
0.3518	0.4838	0.3412		0.5722	0.1298	0.2922	0.4325	0.3470	0.2553	0.4193	0.3767	0.3159	R-152	
0.3620	0.6059	0.3666	0.5722		0.1630	0.3307	0.4929	0.3980	0.3274	0.4969	0.4619	0.4132	R-162	
0.1036	0.1205	0.0487	0.1298	0.1630		0.2855	0.1303	0.1219	0.1568	0.1905	0.1654	0.1620	R-211	
0.2430	0.2870	0.1805	0.2922	0.3307	0.2855		0.3440	0.3476	0.2485	0.3888	0.3217	0.2834	R-212	
0.2914	0.4738	0.3258	0.4325	0.4929	0.1303	0.3440		0.4824	0.2826	0.4671	0.4530	0.3650	R-220	
0.2196	0.3554	0.2180	0.3470	0.3980	0.1219	0.3476	0.4824		0.3564	0.5342	0.4346	0.3638	R-231	ENGLISH TEST
0.1934	0.2748	0.1413	0.2653	0.3274	0.1568	0.2485	0.2826	0.3564		0.4647	0.3911	0.3382	R-232	
0.3080	0.4118	0.2500	0.4193	0.4969	0.1905	0.3888	0.4671	0.5342	0.4647		0.5521	0.4791	R-233	
0.2552	0.3905	0.2459	0.3767	0.4619	0.1854	0.3217	0.4530	0.4346	0.3911	0.5521		0.4568	R-234	
0.2268	0.3519	0.2147	0.3159	0.4132	0.1620	0.2834	0.3650	0.3638	0.3382	0.4791	0.4568		R-235	
0.3081	0.3954	0.2443	0.4057	0.4670	0.1723	0.4099	0.4531	0.4658	0.3366	0.6417	0.4774	0.4108	R-240	
0.3790	0.5667	0.3405	0.5488	0.6606	0.2243	0.4068	0.5467	0.4664	0.3955	0.6021	0.5395	0.5289	R-250	
0.2839	0.4333	0.2872	0.4265	0.5077	0.2135	0.3028	0.4530	0.3010	0.2869	0.4325	0.3981	0.3779	R-260	
0.2358	0.2639	0.1580	0.3265	0.3923	0.1699	0.2289	0.3312	0.1439	0.2364	0.3675	0.3179	0.2872	R-270	
0.2070	0.1845	0.0928	0.2133	0.2377	0.1236	0.1851	0.2897	0.1203	0.1711	0.2548	0.2007	0.1868	R-281	
0.2164	0.2184	0.1362	0.2658	0.3135	0.1262	0.2201	0.2531	0.1428	0.2096	0.3319	0.2567	0.2426	R-282	
0.2831	0.3163	0.2006	0.3438	0.3974	0.1586	0.2939	0.3693	0.2844	0.3014	0.4628	0.3674	0.3574	R-290	
0.3179	0.4065	0.2580	0.4293	0.5259	0.1833	0.3515	0.3957	0.3917	0.3644	0.5724	0.4549	0.4301	R-311	MATH TEST
0.3880	0.4246	0.2800	0.4596	0.5069	0.1839	0.3999	0.4234	0.4488	0.3751	0.6396	0.4751	0.4154	R-312	
0.3495	0.3611	0.2587	0.3974	0.4107	0.1280	0.3359	0.3590	0.3687	0.2793	0.5221	0.3935	0.3371	R-333	
0.2207	0.2580	0.1443	0.2756	0.3114	0.1416	0.2519	0.2864	0.3537	0.3124	0.4093	0.3159	0.2865	F-410	
0.0950	0.1255	0.0691	0.1139	0.1179	0.0724	0.0893	0.2261	0.1170	0.1315	0.1241	0.1176	0.1032	F-420	
0.1552	0.2064	0.1145	0.1899	0.1952	0.0803	0.1674	0.3813	0.2807	0.1732	0.2301	0.1884	0.1529	F-430	
0.1098	0.1325	0.0885	0.1265	0.1177	0.0957	0.0914	0.2365	0.0600	0.1000	0.1092	0.0855	0.0823	F-440	
0.2211	0.2301	0.1269	0.2466	0.2329	0.1208	0.2537	0.3421	0.3384	0.2276	0.3576	0.2262	0.1967	A-410	
0.0501	0.0349	0.0331	0.0381	-0.0065	0.0300	0.0619	0.1823	0.0514	0.0050	-0.0032	-0.0072	-0.0385	A-420	
0.0439	0.0426	0.0277	0.0286	-0.0233	0.0101	0.0331	0.2553	0.1096	0.0015	0.0043	-0.0193	-0.0635	A-430	
0.0656	0.0696	0.0529	0.0626	0.0290	0.0646	0.0366	0.1977	0.0003	0.0259	0.0076	-0.0015	-0.0198	A-440	
-0.0099	-0.0124	-0.0210	-0.0033	-0.0734	0.0122	-0.0228	0.0412	-0.0358	-0.0798	-0.1091	-0.0925	-0.1237	A-500	
0.2335	0.1516	0.0899	0.2384	0.2286	0.1164	0.1904	0.1626	0.1518	0.1190	0.2564	0.1838	0.1438	P-701	INTEREST INVENTORY
0.1411	0.1520	0.1432	0.1730	0.1673	0.0728	0.1483	0.1547	0.1351	0.0683	0.1591	0.1411	0.1058	P-702	
0.0900	0.1269	0.1033	0.0987	0.1012	0.0235	0.0906	0.0901	0.1032	0.0353	0.0866	0.0761	0.0589	P-703	
0.1298	0.2275	0.1571	0.1696	0.1758	0.0517	0.1665	0.1877	0.1883	0.0625	0.1880	0.1702	0.1242	P-704	
0.0075	0.0547	0.0204	0.0129	0.0103	0.0321	0.0639	0.0413	0.0837	0.0135	0.0753	0.0435	0.0278	P-705	
0.0492	0.0851	0.0836	0.0701	0.0788	0.0543	0.0866	0.0775	0.0330	0.0096	0.0554	0.0554	0.0397	P-706	
0.0445	0.1121	0.0763	0.0574	0.0528	0.0186	0.0698	0.0758	0.0572	-0.0010	0.0778	0.0709	0.0179	P-707	
0.0676	0.0392	-0.0278	0.0189	0.0099	0.0151	0.0743	0.0694	0.0875	0.0386	0.0344	0.0297	0.0488	P-708	
-0.0390	-0.1017	-0.0885	-0.0647	-0.0500	0.0246	-0.0312	-0.0463	-0.0816	-0.0311	-0.0903	-0.0633	-0.0279	P-709	
0.0017	0.0284	0.0325	-0.0046	0.0042	-0.0033	0.0194	0.0271	0.0483	0.0015	0.0173	0.0075	0.0099	P-710	
-0.0133	0.0071	0.0188	-0.0308	-0.0272	-0.0238	-0.0074	-0.0119	0.0119	-0.0170	-0.0199	-0.0178	-0.0050	P-711	
0.0643	0.0186	-0.0052	0.0356	0.0289	0.0318	0.0537	0.0296	0.0939	0.0503	0.1163	0.0344	0.0125	P-712	
-0.0534	-0.0890	-0.0878	-0.0873	-0.1039	-0.0076	-0.0336	-0.0622	0.0066	-0.0281	-0.0158	-0.0551	-0.0702	P-713	
-0.1074	-0.1844	-0.1536	-0.1058	-0.1159	0.0101	-0.0925	-0.1174	-0.1316	-0.0803	-0.1316	-0.1112	-0.0995	P-714	
-0.1876	-0.2511	-0.1988	-0.2235	-0.2480	-0.0406	-0.1615	-0.1988	-0.1861	-0.1417	-0.2330	-0.2074	-0.1771	P-715	
-0.1100	-0.1614	-0.1332	-0.1348	-0.1121	0.0040	-0.0721	-0.1194	-0.1135	-0.0635	-0.1186	-0.0977	-0.0636	P-716	
-0.1722	-0.2231	-0.1944	-0.2137	-0.2298	-0.0498	-0.1551	-0.1777	-0.1592	-0.1328	-0.2102	-0.1891	-0.1560	P-717	
0.0626	0.0993	0.0816	0.0606	0.0558	0.0108	0.0357	0.1328	0.0700	0.0503	0.0402	0.0468	0.0453	R-601	STDNT ACTIV INVEN
0.0904	0.1397	0.1263	0.1396	0.1482	0.0235	0.0880	0.1653	0.1153	0.0711	0.1269	0.1235	0.0924	R-602	
0.0761	0.0955	0.0809	0.0816	0.0608	-0.0024	-0.0047	0.0977	0.0165	-0.0036	-0.0071	0.0100	-0.0078	R-603	
0.1005	0.1124	0.0742	0.1155	0.1253	0.0366	0.0841	0.1587	0.1267	0.0865	0.1060	0.1089	0.0885	R-604	
0.1215	0.1546	0.1025	0.1718	0.1724	0.0510	0.1001	0.1673	0.1249	0.0929	0.1596	0.1429	0.1145	R-605	
0.0638	0.1056	0.0971	0.0971	0.1137	0.0451	0.0738	0.1530	0.1564	0.0893	0.1356	0.1034	0.0900	R-606	
0.0692	0.1143	0.1077	0.0999	0.0940	0.0223	0.0674	0.1194	0.1191	0.0520	0.1144	0.0889	0.0582	R-607	
0.1073	0.1418	0.1168	0.1282	0.1185	0.0261	0.1042	0.1618	0.1254	0.0492	0.1267	0.1001	0.0796	R-608	
0.1327	0.1678	0.1069	0.1559	0.1571	0.0763	0.1011	0.1753	0.1160	0.0894	0.1395	0.1349	0.1157	R-609	
0.1164	0.1485	0.0949	0.1728	0.1757	0.0540	0.1235	0.2031	0.1903	0.1164	0.2130	0.1632	0.1213	R-610	
0.2781	0.3364	0.2508	0.3482	0.3777	0.1008	0.2880	0.3165	0.3050	0.2123	0.4057	0.3253	0.2943	D-802	STUDENT INFO BLANK SCALES
0.3133	0.3781	0.3042	0.4002	0.4145	0.1140	0.3118	0.3682	0.3371	0.2427	0.4534	0.3607	0.3098	F-803	
0.1952	0.2253	0.1245	0.2547	0.2421	0.1339	0.2829	0.2628	0.3366	0.1758	0.3675	0.2653	0.1865	P-820	
0.0620	0.0647	0.0992	0.0671	0.0515	-0.0150	0.0285	0.0791	0.0338	0.0113	0.0350	0.0324	0.0333	F-822	
0.1127	0.1530	0.1213	0.1417	0.1665	0.0357	0.1041	0.1375	0.1005	0.1016	0.1466	0.1186	0.1235	F-823	
0.1683	0.2305	0.1423	0.2300	0.2529	0.1179	0.2283	0.2132	0.2919	0.1937	0.3529	0.2559	0.2180	P-827	
0.1381	0.2535	0.1759	0.2151	0.2518	0.0723	0.2080	0.3150	0.3339	0.1503	0.3165	0.2640	0.2087	P-828	
0.1841	0.3060	0.1626	0.2881	0.3113	0.1107	0.1899	0.2933	0.2595	0.1426	0.2380	0.2294	0.2001	P-829	
0.1476	0.1970	0.1055	0.2058	0.1833	0.0229	0.0813	0.1799	0.1327	0.0609	0.1243	0.1336	0.0984	F-830	
-0.0164	-0.0458	0.0066	-0.0428	-0.0871	-0.0354	-0.0201	-0.0145	-0.0276	-0.0782	-0.0453	-0.0663	-0.0911	P-831	
0.0138	0.0079	0.0364	0.0043	-0.0238	-0.0190	0.0038	0.0264	0.0040	-0.0428	0.0023	-0.0219	-0.0521	F-832	
-0.0050	-0.0672	-0.0279	-0.0372	-0.0364	0.0143	-0.0060	-0.0258	-0.0741	-0.0546	-0.0426	-0.0453	-0.0441	P-833	
-0.0345	-0.0812	-0.0163	-0.0506	-0.0587	-0.0102	-0.0583	-0.0497	-0.1216	-0.0750	-0.0978	-0.0890	-0.1021	F-834	
0.1427	0.1063	0.0894	0.1008	0.0986	0.0266	0.0920	0.1307	0.0850	0.0811	0.0653	0.0682	0.0810	F-835	
0.0385	0.0590	0.0581	0.0396	0.0426	0.0101	0.0588	0.0918	0.0577	0.0396	0.0591	0.0403	0.0507	F-836	
0.0089	0.0055	0.0382	-0.0172	-0.0106	-0.0194	-0.0347	0.0377	-0.0612	-0.0467	-0.0816	-0.0581	-0.0397	F-837	
-0.1084	-0.1564	-0.0856	-0.1171	-0.1154	-0.0303	-0.1079	-0.1054	-0.1329	-0.0763	-0.1311	-0.1237	-0.1103	F-838	

TABLE 6.1 (continued)

			R-240	R-250	R-260	R-270	R-281	R-282	R-290	R-311	R-312	R-333
INFORMATION TEST I	R-101	SCREENING	0.2073	0.3346	0.2256	0.1795	0.1305	0.1038	0.1823	0.2415	0.2328	0.1747
	R-102	VOCABULARY I	0.2775	0.4531	0.3600	0.3483	0.1887	0.2614	0.3014	0.3566	0.3282	0.2589
	R-103	LITERATURE	0.4998	0.6776	0.4719	0.3213	0.2040	0.2785	0.3915	0.4810	0.5312	0.4598
	R-104	MUSIC	0.4272	0.5607	0.4290	0.2966	0.1936	0.2688	0.3431	0.4069	0.4575	0.4025
	R-105	SOCIAL STUDIES	0.4779	0.6908	0.4491	0.3582	0.2217	0.3055	0.4119	0.5345	0.5554	0.4529
	R-106	MATHEMATICS	0.6291	0.6428	0.4824	0.4463	0.2977	0.4124	0.5047	0.6467	0.8272	0.7259
	R-107	PHYSICAL SCIENCES	0.5041	0.6358	0.5085	0.5128	0.2790	0.4212	0.4605	0.5600	0.6284	0.5409
	R-108	BIOLOGICAL SCIENCES	0.3732	0.5292	0.4406	0.4249	0.2181	0.3310	0.3414	0.4206	0.4186	0.3524
	R-109	SCIENTIFIC ATTITUDE	0.3796	0.5350	0.4082	0.3687	0.2189	0.2764	0.3565	0.4633	0.4206	0.3661
	R-110	AERONAUTICS AND SPACE	0.3289	0.5249	0.4811	0.4841	0.2295	0.3583	0.3403	0.4018	0.4108	0.3667
	R-111	ELECTRICITY,ELECTRONICS	0.2898	0.4154	0.4614	0.5387	0.2500	0.4187	0.3369	0.4091	0.3930	0.3514
	R-112	MECHANICS	0.2193	0.3713	0.4352	0.5082	0.2448	0.3489	0.2638	0.3626	0.2677	0.2156
	R-113	FARMING	0.2254	0.3464	0.3277	0.3524	0.1767	0.2349	0.2041	0.3100	0.2314	0.1802
	R-114	HOME ECONOMICS	0.2471	0.3568	0.3616	0.3105	0.1782	0.2713	0.2371	0.3108	0.2809	0.2383
	R-115	SPORTS	0.3644	0.4811	0.3198	0.2127	0.1941	0.1548	0.3013	0.3937	0.4323	0.3593
INFORMATION TEST II	R-131	ART	0.3866	0.5907	0.4616	0.3126	0.2144	0.2815	0.3565	0.4066	0.4207	0.3607
	R-132	LAW	0.3794	0.5511	0.4206	0.3267	0.1899	0.2577	0.3079	0.4379	0.4208	0.3595
	R-133	HEALTH	0.3729	0.5366	0.4022	0.3120	0.1841	0.2379	0.3193	0.4060	0.4011	0.3307
	R-134	ENGINEERING	0.2694	0.3989	0.3734	0.3761	0.2085	0.2887	0.2806	0.3351	0.3064	0.2514
	R-135	ARCHITECTURE	0.3353	0.4489	0.3679	0.2680	0.1611	0.2485	0.2714	0.3298	0.3557	0.3044
	R-136	JOURNALISM	0.3758	0.5304	0.3921	0.2585	0.1527	0.2073	0.3085	0.4077	0.4070	0.3333
	R-137	FOREIGN TRAVEL	0.3519	0.5364	0.3835	0.2745	0.1708	0.2346	0.3100	0.3792	0.4004	0.3417
	R-138	MILITARY	0.2678	0.4421	0.3187	0.2367	0.1397	0.1861	0.2309	0.3083	0.3233	0.2779
	R-139	ACCOUNTING,BUSINESS,SALES	0.3571	0.5133	0.4109	0.2911	0.1730	0.2374	0.2964	0.4559	0.4105	0.3439
	R-140	PRACTICAL KNOWLEDGE	0.2661	0.4334	0.3479	0.2714	0.2044	0.2212	0.2789	0.3329	0.3205	0.2478
	R-141	CLERICAL	0.2039	0.2897	0.2506	0.1743	0.1221	0.1196	0.1456	0.2350	0.2124	0.1625
	R-142	BIBLE	0.4257	0.5344	0.3637	0.2686	0.1552	0.2271	0.2836	0.3888	0.3882	0.3274
	R-143	COLORS	0.1994	0.2062	0.2048	0.1417	0.1149	0.1483	0.1648	0.1740	0.1995	0.1815
	R-144	ETIQUETTE	0.1998	0.2435	0.2040	0.2106	0.1448	0.1738	0.2055	0.2247	0.2468	0.2104
	R-145	HUNTING	0.0201	0.0941	0.1543	0.2392	0.1041	0.1272	0.0414	0.0983	0.0057	-0.0169
	R-146	FISHING	0.1071	0.2005	0.2167	0.2225	0.1051	0.1344	0.1028	0.1584	0.1045	0.0843
	R-147	OUTDOOR ACTIVITIES(OTHER)	0.3187	0.4756	0.4124	0.4027	0.2369	0.2905	0.3216	0.3778	0.3718	0.3119
	R-148	PHOTOGRAPHY	0.2652	0.3842	0.3297	0.2614	0.1565	0.2027	0.2443	0.3025	0.2982	0.2536
	R-149	GAMES(SEDENTARY)	0.3081	0.3790	0.2839	0.2358	0.2070	0.2164	0.2631	0.3179	0.3880	0.3495
	R-150	THEATER,BALLET	0.3954	0.5667	0.4333	0.2639	0.1845	0.2184	0.3163	0.4065	0.4246	0.3611
	R-151	FOODS	0.2443	0.3405	0.2872	0.1580	0.0928	0.1362	0.2006	0.2580	0.2800	0.2587
	R-152	MISCELLANEOUS	0.4057	0.5488	0.4265	0.3265	0.2133	0.2658	0.3438	0.4293	0.4596	0.3974
	R-162	VOCABULARY II	0.4670	0.6606	0.5077	0.3923	0.2377	0.3135	0.3974	0.5259	0.5069	0.4107
	R-211	MEMORY FOR SENTENCES	0.1723	0.2243	0.2135	0.1699	0.1236	0.1262	0.1586	0.1833	0.1839	0.1280
	R-212	MEMORY FOR WORDS	0.4099	0.4068	0.3028	0.2289	0.1851	0.2201	0.2939	0.3515	0.3999	0.3359
	R-220	DISGUISED WORDS	0.4531	0.5467	0.4530	0.3312	0.2897	0.2531	0.3693	0.3957	0.4234	0.3590
ENGLISH TEST	R-231	SPELLING	0.4658	0.4664	0.3010	0.1439	0.1203	0.1428	0.2844	0.3917	0.4488	0.3687
	R-232	CAPITALIZATION	0.3366	0.3955	0.2869	0.2304	0.1711	0.2096	0.3014	0.3644	0.3751	0.2793
	R-233	PUNCTUATION	0.6417	0.6021	0.4325	0.3675	0.2548	0.3319	0.4628	0.5724	0.6396	0.5221
	R-234	USAGE	0.4774	0.5395	0.3981	0.3179	0.2007	0.2567	0.3674	0.4549	0.4751	0.3935
	R-235	EFFECTIVE EXPRESSION	0.4108	0.5289	0.3779	0.2872	0.1868	0.2426	0.3574	0.4301	0.4154	0.3371
	R-240	WORD FUNCTIONS IN SENTENCES		0.6010	0.4461	0.3698	0.2601	0.3567	0.4548	0.5626	0.6401	0.5399
	R-250	READING COMPREHENSION	0.6010		0.5980	0.4678	0.2967	0.3889	0.5189	0.6106	0.6073	0.4935
	R-260	CREATIVITY	0.4461	0.5980		0.5149	0.3284	0.4379	0.4488	0.4796	0.4544	0.3894
	R-270	MECHANICAL REASONING	0.3698	0.4678	0.5149		0.4623	0.5864	0.5243	0.4634	0.4320	0.3697
	R-281	VISUALIZATION IN 2-DIMENSIONS	0.2601	0.2967	0.3284	0.4623		0.4511	0.3996	0.3027	0.3128	0.2685
	R-282	VISUALIZATION IN 3-DIMENSIONS	0.3567	0.3889	0.4379	0.5864	0.4511		0.5072	0.4058	0.4108	0.3587
	R-290	ABSTRACT REASONING	0.4548	0.5189	0.4488	0.5243	0.3996	0.5072		0.4934	0.5179	0.4249
MATH TEST	R-311	ARITHMETIC REASONING	0.5626	0.6106	0.4796	0.4634	0.3027	0.4058	0.4934		0.6797	0.5470
	R-312	INTRODUCTORY HIGH SCHOOL MATH	0.6401	0.6073	0.4544	0.4320	0.3128	0.4108	0.5179	0.6797		0.7229
	R-333	ADVANCED MATH	0.5399	0.4935	0.3894	0.3697	0.2685	0.3587	0.4249	0.5470	0.7229	
	F-410	ARITHMETIC COMPUTATION	0.3547	0.3861	0.2715	0.1987	0.2092	0.1919	0.3107	0.4044	0.4584	0.3363
	F-420	TABLE READING	0.1060	0.1442	0.1290	0.1191	0.2012	0.1337	0.1543	0.1084	0.1207	0.0747
	F-430	CLERICAL CHECKING	0.2161	0.2430	0.1793	0.1245	0.2272	0.1444	0.2173	0.1881	0.2245	0.1730
	F-440	OBJECT INSPECTION	0.1127	0.1394	0.1900	0.2238	0.3180	0.2440	0.2370	0.1016	0.1139	0.0910
	A-410	ARITHMETIC COMPUTATION	0.3469	0.2637	0.2130	0.1260	0.2110	0.1294	0.2333	0.3486	0.4492	0.3778
	A-420	TABLE READING	0.0257	-0.0171	0.0267	0.0142	0.1251	0.0127	0.0275	0.0046	0.0486	0.0499
	A-430	CLERICAL CHECKING	0.0338	-0.0329	-0.0144	-0.0386	0.1538	-0.0083	0.0093	-0.0329	0.0195	0.0396
	A-440	OBJECT INSPECTION	0.0393	0.0265	0.1159	0.1433	0.2700	0.1633	0.1338	0.0018	0.0320	0.0412
	A-500	PREFERENCES	-0.0951	-0.1143	-0.0447	-0.0920	0.0240	-0.0968	-0.1126	-0.1125	-0.0939	-0.0730
INTEREST INVENTORY	P-701	PHYSICAL SCIENCE,ENGRNG.,MATH	0.2972	0.2784	0.2513	0.2843	0.2019	0.2837	0.2719	0.3078	0.4267	0.3863
	P-702	BIOLOGICAL SCIENCE & MEDICINE	0.2018	0.2134	0.1539	0.0997	0.0615	0.0976	0.1304	0.1348	0.2305	0.2112
	P-703	PUBLIC SERVICE	0.1210	0.1290	0.0428	-0.0603	-0.0098	-0.0171	0.0425	0.0913	0.1234	0.1111
	P-704	LITERARY,LINGUISTICS	0.2179	0.2357	0.1168	-0.0243	-0.0114	0.0303	0.100	0.1240	0.1681	0.1614
	P-705	SOCIAL SERVICE	0.1011	0.0467	-0.0077	-0.1134	-0.0577	-0.0497	0.006	0.0042	0.0476	0.0338
	P-706	ARTISTIC	0.0855	0.0898	0.1057	0.0725	0.0696	0.1630	0.1124	0.0328	0.0505	0.0690
	P-707	MUSICAL	0.0889	0.0571	0.0333	0.0090	-0.0072	0.0382	0.0335	-0.0069	0.0361	0.0581
	P-708	SPORTS	0.0692	0.0479	-0.0063	-0.0496	0.0366	-0.0549	0.0339	0.0386	0.0697	0.0578
	P-709	HUNTING & FISHING	-0.0689	-0.0414	-0.0014	0.0640	0.0315	0.0137	-0.0181	-0.0482	-0.0927	-0.0868
	P-710	BUSINESS MANAGEMENT	0.0371	0.0097	-0.0200	-0.0958	-0.0385	-0.0562	-0.0074	0.0195	0.0270	0.0179
	P-711	SALES	-0.0062	-0.0417	-0.0483	-0.1295	-0.0545	-0.0827	-0.0430	-0.0187	-0.0260	-0.0254
	P-712	COMPUTATION	0.1240	0.0289	0.0085	-0.0327	0.0398	0.0320	0.0768	0.1358	0.1941	0.1569
	P-713	OFFICE WORK	-0.0217	-0.1130	-0.0847	-0.1103	-0.0434	-0.0592	-0.0505	-0.0527	-0.0538	-0.0481
	P-714	MECHANICAL,TECHNICAL	-0.1147	-0.1488	0.0134	0.1401	0.0601	0.1004	-0.0162	-0.0493	-0.0953	-0.0759
	P-715	SKILLED TRADES	-0.2213	-0.2866	-0.1408	-0.0558	-0.0495	-0.0524	-0.1427	-0.1917	-0.2641	-0.2221
	P-716	FARMING	-0.1096	-0.1046	-0.0275	0.0517	0.0023	0.0017	-0.0582	-0.0684	-0.1393	-0.1287
	P-717	LABOR	-0.2039	-0.2560	-0.1411	-0.0786	-0.0626	-0.0885	-0.1500	-0.1760	-0.2440	-0.2089
STDNT ACTIV INVEN	R-601	SOCIABILITY	0.0401	0.0436	0.0418	-0.0369	0.0188	-0.0732	0.0025	0.0219	0.0366	0.0192
	R-602	SOCIAL SENSITIVITY	0.1445	0.1584	0.1033	0.0330	0.0351	0.0170	0.0742	0.0979	0.1174	0.1093
	R-603	IMPULSIVENESS	0.0030	0.0415	0.0569	0.0097	0.0258	-0.0153	-0.0259	0.0231	0.0123	0.0200
	R-604	VIGOR	0.1126	0.1341	0.1172	0.0476	0.0687	0.0144	0.0704	0.0993	0.1223	0.1027
	R-605	CALMNESS	0.1715	0.1916	0.1672	0.1215	0.1018	0.0954	0.1152	0.1682	0.1872	0.1695
	R-606	TIDINESS	0.1241	0.1074	0.0935	-0.0019	0.0478	0.0039	0.0572	0.0747	0.1116	0.0888
	R-607	CULTURE	0.1183	0.0934	0.0726	-0.0181	0.0179	0.0115	0.0358	0.0435	0.0899	0.0759
	R-608	LEADERSHIP	0.1549	0.1362	0.1071	0.0276	0.0602	0.0234	0.0791	0.1195	0.1507	0.1467
	R-609	SELF-CONFIDENCE	0.1395	0.1793	0.1499	0.1067	0.0926	0.0661	0.0881	0.1319	0.1570	0.1366
	R-610	MATURE PERSONALITY	0.2240	0.1983	0.1708	0.0884	0.0993	0.0925	0.1173	0.1918	0.2277	0.2100
STUDENT INFO BLANK SCALES	D-802	HS CURRIC-ACAD VS OTHER	0.4331	0.4602	0.2891	0.2094	0.1466	0.2153	0.3113	0.3802	0.5349	0.4551
	F-803	HS COURSES(ACAD ORIENT)	0.4669	0.4852	0.3374	0.2407	0.1836	0.2304	0.3550	0.4245	0.5749	0.5058
	P-820	HIGH SCHOOL GRADES	0.4126	0.3128	0.2125	0.1087	0.1199	0.1363	0.2108	0.3231	0.4272	0.3847
	F-822	GUIDANCE RECD IN HS	0.0484	0.0274	0.0488	0.0203	0.0390	0.0248	0.0348	0.0282	0.0674	0.0621
	F-823	GUIDANCE RECD ELSEWHERE	0.1509	0.1703	0.1417	0.0898	0.0872	0.0910	0.1188	0.1521	0.1664	0.1458
	P-827	STUDY HABITS & ATTITUDES	0.3597	0.3239	0.2103	0.1064	0.0910	0.1343	0.2159	0.2799	0.3828	0.3311
	P-828	SELF-PERCEP OF WRTG SKILLS	0.3136	0.2850	0.1928	0.0456	0.0351	0.0513	0.1354	0.1973	0.2428	0.2153
	P-829	SELF-PERCEP OF RDNG SKILLS	0.2514	0.3900	0.2709	0.1242	0.0810	0.0903	0.1396	[illegible]	0.2453	0.2131
	F-830	AMT OF EX-CURR RDNG	0.1235	0.2478	0.1753	0.0829	0.0668	0.0752	0.0849	[illegible]	0.1321	0.1275
	P-831	VAR OF EX-CURR GRP ACT	-0.0050	-0.1042	-0.0465	-0.0775	-0.0272	-0.0592	-0.0690	-0.0565	-0.0236	0.0122
	F-832	VAR PARTIC IN EX-CURR GRP ACT	0.0337	-0.0429	0.0005	-0.0435	-0.0088	-0.0279	-0.0326	-0.0261	0.0132	0.0322
	P-833	VARIETY OF HOBBIES	-0.0181	-0.0735	0.0585	0.1210	0.0768	0.1250	0.0335	0.0011	-0.0114	0.0094
	F-834	DEGREE OF ACT IN HOBBIES	-0.0831	-0.1121	0.0429	0.0937	0.0555	0.1086	[illegible]	-0.0571	-0.0849	-0.0494
	F-835	PARTICIPATION IN SPORTS	0.0844	0.1249	0.0790	0.0443	0.0871	0.0159	0.0906	0.0937	0.1255	0.1150
	F-836	LEADERSHIP ROLES	0.0757	0.0467	0.0437	[illegible]	0.0334	0.0014	0.0429	[illegible]	[illegible]	0.0727
	F-837	SOCIAL LIFE	-0.0650	-0.0656	-0.0119	[illegible]	0.0333	-0.0383	[illegible]	[illegible]	[illegible]	-0.0552
	F-838	WORK ACTIVITIES	-0.1325	-0.1647	-0.0736	[illegible]	-0.0078	-0.0323	[illegible]	[illegible]	[illegible]	-0.1320

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TABLE 6.1 (continued)

F-410	F-420	F-430	F-440	A-410	A-420	A-430	A-440	A-500	P-701	P-702	P-703	P-704		
0.2530	0.1149	0.1603	0.0958	0.2274	0.0330	0.0542	0.0537	0.0868	0.0703	0.0557	0.0340	0.0310	R-101	INFORMATION TEST I
0.2114	0.0707	0.0832	0.0739	0.1291	-0.0332	-0.0637	0.0092	-0.0773	0.1197	0.0694	-0.0070	0.0436	R-102	
0.2972	0.0916	0.2006	0.1088	0.2662	0.0112	0.0216	0.0426	-0.0305	0.2443	0.2229	0.1488	0.2877	R-103	
0.2479	0.0859	0.1810	0.1269	0.2274	0.0255	0.0213	0.0703	-0.0430	0.2079	0.2174	0.1345	0.2533	R-104	
0.3472	0.1026	0.1864	0.0981	0.2963	0.0030	-0.0080	0.0187	-0.0488	0.2681	0.1938	0.1703	0.2104	R-105	
0.4120	0.1063	0.2119	0.1137	0.4105	0.0382	0.0206	0.0384	-0.0879	0.4416	0.2713	0.1283	0.1958	R-106	
0.3029	0.0725	0.1449	0.1029	0.2581	-0.0114	-0.0447	0.0263	-0.0875	0.4137	0.2671	0.0574	0.1486	R-107	
0.2089	0.0409	0.0885	0.0733	0.1449	-0.0304	-0.0700	0.0131	-0.0457	0.2809	0.2435	0.0339	0.1180	R-108	
0.2535	0.0704	0.1314	0.0845	0.1749	-0.0155	-0.0446	0.0062	-0.0617	0.1833	0.1173	0.0551	0.1181	R-109	
0.1691	0.0619	0.0798	0.1061	0.1187	-0.0273	-0.0671	0.0493	-0.0563	0.3114	0.1707	0.0137	0.0981	R-110	
0.1468	0.0494	0.0491	0.0978	0.0869	-0.0288	-0.0798	0.0396	-0.0696	0.3328	0.1349	-0.0492	0.0022	R-111	
0.1427	0.0535	0.0416	0.0946	0.0660	-0.0413	-0.0983	0.0354	-0.0487	0.1953	0.0599	-0.0789	-0.0837	R-112	
0.1646	0.0429	0.0440	0.0341	0.1203	-0.0248	-0.0761	-0.0106	0.0020	0.1064	0.0526	-0.0326	-0.0036	R-113	
0.1744	0.0629	0.0799	0.0899	0.1146	0.0007	-0.0289	0.0466	-0.0168	0.1590	0.1338	0.0331	0.0696	R-114	
0.3363	0.1337	0.2182	0.1204	0.3424	0.0687	0.0592	0.0638	0.0211	0.1993	0.1574	0.1502	0.1423	R-115	
0.2521	0.1151	0.1997	0.1459	0.2060	0.0179	0.0243	0.0836	-0.0261	0.1996	0.1804	0.1096	0.2222	R-131	INFORMATION TEST II
0.2434	0.1037	0.1498	0.0916	0.1960	0.0158	-0.0090	0.0250	-0.0245	0.2171	0.1509	0.1352	0.1870	R-132	
0.2594	0.1100	0.1707	0.1058	0.2224	0.0117	-0.0058	0.0352	-0.0296	0.2113	0.2023	0.0657	0.1234	R-133	
0.1814	0.0927	0.0954	0.1117	0.1453	0.0050	-0.0359	0.0533	-0.0281	0.1983	0.1067	0.0131	0.0486	R-134	
0.1863	0.0587	0.1189	0.0815	0.1626	-0.0022	0.0032	0.0354	-0.0331	0.1690	0.1427	0.0903	0.1736	R-135	
0.2581	0.1017	0.1812	0.0892	0.2139	0.0208	0.0135	0.0286	-0.0378	0.1711	0.1436	0.1232	0.1804	R-136	
0.2307	0.0905	0.1598	0.1043	0.1956	0.0129	0.0079	0.0458	-0.0417	0.1820	0.1530	0.0991	0.1857	R-137	
0.1703	0.0778	0.1271	0.0879	0.1603	0.0244	0.0186	0.0502	-0.0008	0.1805	0.1333	0.1346	0.1715	R-138	
0.2563	0.0929	0.1377	0.0861	0.2091	0.0097	-0.0151	0.0248	-0.0395	0.1822	0.1294	0.1310	0.1594	R-139	
0.2624	0.1448	0.1842	0.1575	0.2199	0.0304	0.0313	0.0952	0.0172	0.1378	0.0914	0.0553	0.0659	R-140	
0.2028	0.1069	0.1523	0.0784	0.2059	0.0462	0.0591	0.0493	0.0575	0.0911	0.0704	0.0705	0.0892	R-141	
0.2192	0.0738	0.1240	0.0695	0.1955	0.0035	0.0040	0.0182	-0.0002	0.1980	0.1761	0.1377	0.2495	R-142	
0.0947	0.0517	0.1129	0.0755	0.1039	0.0242	0.0396	0.0573	-0.0117	0.0935	0.0841	0.0506	0.0978	R-143	
0.1414	0.0459	0.0904	0.0722	0.1343	0.0219	0.0162	0.0400	-0.0168	0.0988	0.0650	0.0368	0.0592	R-144	
0.0080	0.0019	-0.0218	0.0258	-0.0139	-0.0269	-0.0663	0.0009	0.0099	0.0475	-0.0118	-0.0806	-0.1012	R-145	
0.0639	0.0225	0.0322	0.0453	0.0612	-0.0017	-0.0311	0.0250	0.0203	0.1012	0.0774	-0.0451	-0.0262	R-146	
0.2410	0.1044	0.1280	0.1217	0.1927	0.0029	-0.0253	0.0528	-0.0102	0.1916	0.1385	0.0301	0.0590	R-147	
0.2031	0.0896	0.1203	0.0976	0.1656	0.0075	0.0024	0.0430	-0.0139	0.1660	0.1150	0.0348	0.0906	R-148	
0.2207	0.0950	0.1552	0.1098	0.2211	0.0501	0.0439	0.0656	-0.0099	0.2335	0.1411	0.0900	0.1298	R-149	
0.2580	0.1255	0.2064	0.1325	0.2301	0.0349	0.0426	0.0696	-0.0124	0.1516	0.1520	0.1269	0.2275	R-150	
0.1443	0.0691	0.1145	0.0885	0.1269	0.0331	0.0277	0.0529	-0.0210	0.0899	0.1432	0.1033	0.1571	R-151	
0.2756	0.1139	0.1899	0.1265	0.2466	0.0381	0.0286	0.0626	-0.0033	0.2384	0.1730	0.0987	0.1696	R-152	
0.3114	0.1179	0.1952	0.1177	0.2329	-0.0065	-0.0233	0.0290	-0.0734	0.2286	0.1673	0.1012	0.1758	R-162	
0.1416	0.0724	0.0803	0.0957	0.1208	0.0300	0.0101	0.0646	0.0122	0.1164	0.0728	0.0235	0.0517	R-211	ENGLISH TEST
0.2519	0.0893	0.1674	0.0914	0.2537	0.0619	0.0331	0.0366	-0.0228	0.1904	0.1483	0.0906	0.1665	R-212	
0.2864	0.2261	0.3813	0.2365	0.3421	0.1823	0.2553	0.1977	0.0412	0.1626	0.1547	0.0901	0.1877	R-220	
0.3537	0.1170	0.2807	0.0600	0.3384	0.0514	0.1096	0.0003	-0.0358	0.1518	0.1351	0.1032	0.1883	R-231	
0.3124	0.1315	0.1732	0.1000	0.2276	0.0050	0.0015	0.0259	-0.0798	0.1190	0.0683	0.0353	0.0625	R-232	
0.4093	0.1241	0.2301	0.1092	0.3576	-0.0032	0.0043	0.0076	-0.1091	0.2564	0.1591	0.0866	0.1880	R-233	
0.3159	0.1176	0.1884	0.0855	0.2262	-0.0072	-0.0193	-0.0015	-0.0925	0.1838	0.1411	0.0781	0.1702	R-234	
0.2865	0.1032	0.1529	0.0823	0.1967	-0.0385	-0.0635	-0.0198	-0.1237	0.1438	0.1058	0.0589	0.1242	R-235	
0.3547	0.1060	0.2161	0.1127	0.3469	0.0257	0.0338	0.0393	-0.0951	0.2972	0.2018	0.1210	0.2179	R-240	
0.3861	0.1442	0.2430	0.1394	0.2637	-0.0171	-0.0329	0.0265	-0.1143	0.2784	0.2134	0.1290	0.2357	R-250	
0.2715	0.1290	0.1793	0.1900	0.2130	0.0267	-0.0144	0.1159	-0.0447	0.2513	0.1539	0.0428	0.1168	R-260	
0.1987	0.1191	0.1245	0.2238	0.1260	0.0142	-0.0386	0.1433	-0.0920	0.2843	0.0997	-0.0603	-0.0243	R-270	
0.2092	0.2012	0.2272	0.3180	0.2110	0.1251	0.1538	0.2700	0.0240	0.2019	0.0615	-0.0098	-0.0114	R-281	MATH TEST
0.1919	0.1337	0.1444	0.2440	0.1294	0.0127	-0.0083	0.1633	-0.0968	0.2837	0.0976	-0.0171	0.0303	R-282	
0.3107	0.1543	0.2173	0.2370	0.2333	0.0275	0.0093	0.1338	-0.1126	0.2719	0.1304	0.0425	0.1002	R-290	
0.4044	0.1084	0.1881	0.1016	0.3486	0.0046	-0.0329	0.0018	-0.1125	0.3078	0.1348	0.0913	0.1240	R-311	
0.4584	0.1207	0.2245	0.1139	0.4492	0.0486	0.0195	0.0320	-0.0939	0.4267	0.2305	0.1234	0.1681	R-312	
0.3363	0.0747	0.1730	0.0910	0.3778	0.0499	0.0396	0.0412	-0.0730	0.3863	0.2112	0.1111	0.1614	R-333	
	0.2110	0.2655	0.1319	0.2709	-0.0248	-0.0108	-0.0119	-0.0462	0.1758	0.0740	0.0667	0.0508	F-410	
0.2110		0.3945	0.3899	0.1669	0.4565	0.2965	0.3217	0.1375	0.0631	0.0240	0.0260	0.0067	F-420	
0.2655	0.3945		0.3476	0.2657	0.2611	0.5212	0.2990	0.1065	0.1006	0.0826	0.0871	0.0863	F-430	
0.1319	0.3899	0.3476		0.2051	0.2816	0.3338	0.8277	0.1467	0.0946	0.0630	0.0041	0.0001	F-440	
0.2709	0.1669	0.2657	0.2051		0.3238	0.3075	0.2569	0.1615	0.2000	0.1179	0.1006	0.0739	A-410	
-0.0248	0.4565	0.2611	0.2816	0.3238		0.4938	0.4269	0.2662	0.0442	0.0336	0.0472	0.0203	A-420	
-0.0108	0.2965	0.5212	0.3338	0.3075	0.4938		0.4527	0.2846	0.0348	0.0609	0.0967	0.0622	A-430	
-0.0119	0.3217	0.2990	0.8277	0.2569	0.4269	0.4527		0.2414	0.0743	0.0665	0.0139	0.0058	A-440	
-0.0462	0.1375	0.1065	0.1467	0.1615	0.2662	0.2846	0.2414		-0.0109	0.0299	0.0480	0.0118	A-500	
0.1758	0.0631	0.1006	0.0946	0.2000	0.0442	0.0348	0.0743	-0.0109		0.6184	0.3131	0.3803	P-701	INTEREST INVENTORY
0.0740	0.0240	0.0826	0.0630	0.1179	0.0336	0.0609	0.0665	0.0299	0.6184		0.3965	0.5098	P-702	
0.0667	0.0260	0.0871	0.0041	0.1006	0.0472	0.0967	0.0139	0.0480	0.3131	0.3965		0.5801	P-703	
0.0508	0.0067	0.0863	0.0001	0.0739	0.0203	0.0622	0.0058	0.0118	0.3803	0.5098	0.5801		P-704	
0.0201	0.0002	0.0382	-0.0207	0.0658	0.0214	0.0472	-0.0034	0.0230	0.2426	0.4338	0.4545	0.6170	P-705	
-0.0282	0.0129	0.0403	0.0682	-0.0158	0.0147	0.0254	0.0744	0.0118	0.3833	0.4011	0.3377	0.6013	P-706	
-0.0373	-0.0160	0.0032	0.0076	-0.0243	0.0063	0.0160	0.0200	0.0058	0.2079	0.3054	0.2515	0.5396	P-707	
0.1013	0.0602	0.1075	0.0494	0.1492	0.0714	0.0888	0.0522	0.0783	0.2722	0.2701	0.3064	0.2875	P-708	
-0.0477	-0.0068	-0.0151	0.0358	-0.0405	-0.0087	-0.0186	0.0361	0.0351	0.1548	0.1650	0.0680	0.0788	P-709	
0.0286	0.0270	0.0570	0.0011	0.0687	0.0525	0.0913	0.0176	0.0512	0.2914	0.3316	0.6341	0.5408	P-710	
-0.0035	0.0093	0.0209	-0.0233	0.0302	0.0267	0.0508	-0.0036	0.0423	0.1507	0.2256	0.4598	0.4588	P-711	
0.1473	0.0616	0.0890	0.0263	0.1878	0.0694	0.0814	0.0269	0.0164	0.4347	0.2910	0.3931	0.3785	P-712	
-0.0186	0.0047	0.0027	-0.0313	0.0203	0.0360	0.0441	-0.0053	0.0386	0.1884	0.1834	0.2988	0.3922	P-713	
-0.0923	-0.0187	-0.0695	0.0032	-0.1078	-0.0183	-0.0471	0.0127	0.0073	0.4183	0.1671	0.0380	0.0415	P-714	
-0.1709	-0.0563	-0.1063	-0.0550	-0.1615	-0.0077	-0.0321	-0.0152	0.0363	0.0769	0.0409	0.0604	0.0991	P-715	
-0.0901	-0.0467	-0.0756	-0.0478	-0.1004	-0.0337	-0.0687	-0.0325	0.0070	0.0562	0.0817	0.0257	0.0499	P-716	
-0.1579	-0.0497	-0.1005	-0.0678	-0.1316	0.0028	-0.0216	-0.0246	0.0407	0.0044	-0.0252	0.0676	0.0793	P-717	
0.0981	0.0860	0.1105	0.0853	0.1619	0.0960	0.1301	0.0968	0.1423	0.0520	0.1228	0.1799	0.0982	R-601	STDNT ACTIV INVEN
0.0828	0.0527	0.0974	0.0529	0.1275	0.0429	0.0874	0.0560	0.0763	0.1371	0.2038	0.1696	0.2288	R-602	
0.0112	0.0232	0.0454	0.0351	0.0886	0.0750	0.1102	0.0704	0.1859	0.0153	0.0436	0.0805	0.0709	R-603	
0.1344	0.0719	0.1193	0.0748	0.1864	0.0750	0.1045	0.0794	0.1125	0.1385	0.1550	0.1203	0.0903	R-604	
0.1388	0.0835	0.1142	0.0900	0.1982	0.0756	0.1033	0.0902	0.1210	0.1758	0.1551	0.1177	0.1268	R-605	
0.1295	0.1001	0.1319	0.0829	0.1808	0.0749	0.1226	0.0798	0.0974	0.1119	0.1392	0.1144	0.0999	R-606	
0.0821	0.0599	0.0941	0.0568	0.1311	0.0524	0.1073	0.0700	0.1018	0.1445	0.2271	0.2001	0.2766	R-607	
0.1052	0.0453	0.1074	0.0702	0.1917	0.0846	0.1338	0.0835	0.1190	0.1541	0.2121	0.2317	0.2300	R-608	
0.1357	0.0774	0.1158	0.0931	0.1647	0.0731	0.0884	0.0840	0.0775	0.1343	0.1297	0.1201	0.1123	R-609	
0.1805	0.0744	0.1343	0.0761	0.2525	0.0806	0.1219	0.0752	0.1137	0.2302	0.1956	0.1544	0.1528	R-610	
0.2660	0.0785	0.1723	0.0922	0.2765	0.0403	0.0488	0.0462	-0.0470	0.3327	0.2909	0.1848	0.2346	D-802	STUDENT INFO BLANK SCALES
0.2708	0.0929	0.1909	0.1165	0.3030	0.0772	0.0650	0.0763	-0.0448	0.3436	0.3007	0.1834	0.2417	F-803	
0.2373	0.0710	0.1560	0.0590	0.3242	0.0985	0.1409	0.0563	0.0551	0.3220	0.2601	0.1869	0.2351	P-820	
0.0148	0.0182	0.0524	0.0463	0.0608	0.0515	0.0611	0.0540	0.0059	0.0983	0.1373	0.1313	0.1413	F-822	
0.1044	0.0466	0.0950	0.0634	0.1167	0.0185	0.0248	0.0465	-0.0126	0.1495	0.1722	0.1330	0.1470	F-823	
0.2588	0.0716	0.1441	0.0521	0.2485	0.0108	0.0401	0.0106	-0.0679	0.2932	0.2563	0.1616	0.2178	P-827	
0.1560	0.0415	0.1467	0.0382	0.1876	0.0396	0.0785	0.0239	-0.0114	0.1402	0.2039	0.1947	0.3664	P-828	
0.1527	0.0543	0.1396	0.0453	0.1744	0.0498	0.0696	0.0290	0.0371	0.1911	0.1735	0.1565	0.2400	P-829	
0.0467	0.0275	0.0784	0.0218	0.0804	0.0499	0.0677	0.0393	0.0581	0.1875	0.1796	0.1309	0.2641	F-830	
-0.0853	-0.0147	0.0112	-0.0084	0.0280	0.0822	0.1064	0.0588	0.0980	0.1368	0.1891	0.1938	0.2131	P-831	
-0.0507	0.0009	0.0357	0.0110	0.0473	0.0800	0.1099	0.0658	0.0897	0.1598	0.2148	0.2166	0.2388	F-832	
-0.0671	0.0109	-0.0072	0.0397	-0.0422	0.0289	0.0188	0.0570	0.0080	0.2308	0.1966	0.1030	0.1304	P-833	
-0.1100	-0.0046	-0.0234	0.0496	-0.0725	0.0364	0.0486	0.0876	0.0536	0.2021	0.1698	0.0676	0.1005	F-834	
0.1072	0.0819	0.1292	0.0990	0.1528	0.0691	0.1012	0.0898	0.0612	0.1875	0.2202	0.1723	0.1377	F-835	
0.0407	0.0380	0.0682	0.0384	0.0973	0.0771	0.0840	0.0621	0.0647	0.0896	0.1275	0.1410	0.1351	F-836	
-0.0253	0.0587	0.0633	0.0862	0.0008	0.0901	0.0767	0.0985	0.0546	-0.0013	0.0368	0.0743	0.0200	F-837	
-0.0657	-0.0133	-0.0487	-0.0061	-0.0413	0.0225	-0.0012	0.0200	0.0399	-0.0323	-0.0537	-0.0131	-0.0767	F-838	

TABLE 6.1 (continued)

			P-705	P-706	P-707	P-708	P-709	P-710	P-711	P-712	P-713	P-711
INFORMATION TEST I	R-101	SCREENING	0.0020	-0.0191	-0.0327	0.0591	-0.0009	-0.0010	-0.0194	0.0071	-0.0485	-0.0714
	R-102	VOCABULARY I	-0.0747	0.0267	0.0016	-0.1548	-0.0636	-0.0784	-0.0898	-0.0555	-0.1351	-0.0584
	R-103	LITERATURE	0.0485	0.1354	0.1013	0.0357	-0.0690	0.0039	-0.0338	-0.0024	-0.1245	-0.2007
	R-104	MUSIC	0.0870	0.1488	0.2627	0.0196	-0.1103	0.0237	-0.0012	0.0185	-0.0925	-0.1843
	R-105	SOCIAL STUDIES	0.0346	0.0734	0.0266	0.0616	-0.0613	0.0201	-0.0252	0.0489	-0.1077	-0.1592
	R-106	MATHEMATICS	0.0462	0.0828	0.0630	0.0444	-0.1062	0.0145	-0.0463	0.1523	-0.0859	-0.1138
	R-107	PHYSICAL SCIENCES	-0.0207	0.0830	0.0509	-0.0236	-0.0413	-0.0597	-0.1038	0.0279	-0.1351	-0.0448
	R-108	BIOLOGICAL SCIENCES	-0.0388	0.0987	0.0282	-0.0209	0.0576	-0.0591	-0.0920	-0.0360	-0.1202	-0.0331
	R-109	SCIENTIFIC ATTITUDE	-0.0145	0.0532	0.0097	0.0159	-0.0071	-0.0126	-0.0342	0.0027	-0.1065	-0.0801
	R-110	AERONAUTICS AND SPACE	-0.0938	0.0885	0.0456	-0.0568	0.0012	-0.0838	-0.1187	-0.0589	-0.1552	0.0094
	R-111	ELECTRICITY,ELECTRONICS	-0.1218	0.0551	0.0305	-0.1599	-0.0335	-0.1178	-0.1451	-0.0376	-0.1340	0.1704
	R-112	MECHANICS	-0.1578	0.0195	-0.0589	-0.0814	0.0874	-0.0864	-0.1115	-0.0855	-0.1514	0.1952
	R-113	FARMING	-0.0500	0.0016	-0.0332	-0.0031	0.1193	-0.0507	-0.0489	-0.0422	-0.0533	0.0563
	R-114	HOME ECONOMICS	0.0094	0.0855	0.0467	-0.0503	0.0033	-0.0014	-0.0271	0.0186	-0.0464	0.0047
	R-115	SPORTS	0.0584	0.0102	-0.0268	0.3544	0.0011	0.0799	0.0465	0.0992	-0.0661	-0.1415
INFORMATION TEST II	R-131	ART	0.0215	0.1607	0.0865	0.0015	-0.0600	0.0063	-0.0321	-0.0075	-0.1145	-0.1490
	R-132	LAW	0.0152	0.0654	0.0426	0.0104	-0.0523	0.0242	-0.0205	0.0280	-0.0901	-0.0965
	R-133	HEALTH	0.0022	0.0545	0.0243	0.0081	-0.0394	-0.0113	-0.0372	0.0150	-0.0950	-0.1018
	R-134	ENGINEERING	-0.0333	0.0697	0.0104	-0.0020	0.0216	-0.0162	-0.0569	-0.0037	-0.0750	0.0394
	R-135	ARCHITECTURE	0.0253	0.1311	0.0821	-0.0043	-0.0598	0.0115	-0.0126	-0.0096	-0.0796	-0.0850
	R-136	JOURNALISM	0.0445	0.0532	0.0444	0.0403	-0.0967	0.0274	0.0044	0.0371	-0.0835	-0.1437
	R-137	FOREIGN TRAVEL	0.0070	0.0785	0.0547	0.0068	-0.0516	-0.0145	-0.0369	-0.0165	-0.1261	-0.1540
	R-138	MILITARY	0.0130	0.0444	0.0276	0.0542	-0.0307	0.0320	-0.0145	0.0061	-0.0997	-0.1233
	R-139	ACCOUNTING,BUSINESS,SALES	0.0184	0.0449	0.0187	-0.0144	-0.0896	0.0578	0.0290	0.0892	-0.0596	-0.1024
	R-140	PRACTICAL KNOWLEDGE	-0.0088	0.0256	-0.0011	0.0310	-0.0272	0.0090	-0.0199	0.0234	-0.0712	-0.0704
	R-141	CLERICAL	0.0432	0.0157	0.0225	0.0254	-0.0435	0.0419	0.0194	0.0801	0.0439	-0.0628
	R-142	BIBLE	0.1359	0.1006	0.1285	0.0335	-0.0282	0.0392	-0.0112	0.0324	-0.0271	-0.1203
	R-143	COLORS	0.0267	0.1038	0.0681	0.0091	-0.0255	0.0120	0.0027	0.0211	-0.0152	-0.0391
	R-144	ETIQUETTE	0.0194	0.0264	0.0256	0.0317	-0.0249	0.0099	-0.0004	0.0338	-0.0348	-0.0467
	R-145	HUNTING	-0.1233	-0.0455	-0.1014	0.0230	0.2946	-0.0735	-0.0718	-0.1026	-0.0737	0.1462
	R-146	FISHING	-0.0860	0.0076	-0.0622	0.0633	0.2790	-0.0637	-0.0599	-0.0728	-0.0796	0.0750
	R-147	OUTDOOR ACTIVITIES(OTHER)	-0.0299	0.0357	-0.0054	0.0534	0.0564	-0.0144	-0.0447	-0.0188	-0.1022	-0.0267
	R-148	PHOTOGRAPHY	-0.0095	0.0466	0.0414	0.0011	-0.0330	0.0017	-0.0230	0.0184	-0.0630	-0.0334
	R-149	GAMES(SEDENTARY)	0.0075	0.0492	0.0445	0.0676	-0.0390	0.0017	-0.0133	0.0643	-0.0534	-0.1074
	R-150	THEATER,BALLET	0.0547	0.0851	0.1121	0.0392	-0.1017	0.0284	0.0071	0.0186	-0.0890	-0.1844
	R-151	FOODS	0.0204	0.0836	0.0763	-0.0278	-0.0885	0.0325	0.0188	-0.0052	-0.0878	-0.1536
	R-152	MISCELLANEOUS	0.0129	0.0701	0.0574	0.0189	-0.0647	-0.0046	-0.0308	0.0356	-0.0873	-0.1058
	R-162	VOCABULARY II	0.0103	0.0788	0.0528	0.0099	-0.0500	0.0042	-0.0272	0.0289	-0.1039	-0.1159
	R-211	MEMORY FOR SENTENCES	0.0321	0.0543	0.0136	0.0151	0.0246	-0.0033	-0.0238	0.0318	-0.0076	0.0101
	R-212	MEMORY FOR WORDS	0.0639	0.0866	0.0698	0.0743	-0.0312	0.0194	-0.0074	0.0537	-0.0336	-0.0925
	R-220	DISGUISED WORDS	0.0413	0.0775	0.0758	0.0694	-0.0463	0.0271	-0.0119	0.0296	-0.0622	-0.1174
ENGLISH TEST	R-231	SPELLING	0.0837	0.0330	0.0572	0.0875	-0.0816	0.0483	0.0119	0.0939	0.0066	-0.1316
	R-232	CAPITALIZATION	0.0135	0.0096	-0.0010	0.0386	-0.0311	0.0015	-0.0170	0.0503	-0.0281	-0.0803
	R-233	PUNCTUATION	0.0753	0.0554	0.0778	0.0344	-0.0903	0.0173	-0.0199	0.1163	-0.0158	-0.1316
	R-234	USAGE	0.0435	0.0554	0.0709	0.0297	-0.0633	0.0075	-0.0178	0.0344	-0.0551	-0.1112
	R-235	EFFECTIVE EXPRESSION	0.0278	0.0397	0.0179	0.0488	-0.0279	0.0099	-0.0050	0.0125	-0.0702	-0.0995
	R-240	WORD FUNCTIONS IN SENTENCES	0.1011	0.0855	0.0889	0.0692	-0.0689	0.0371	-0.0062	0.1240	-0.0217	-0.1147
	R-250	READING COMPREHENSION	0.0467	0.0898	0.0571	0.0479	-0.0414	0.0097	-0.0417	0.0289	-0.1130	-0.1488
	R-260	CREATIVITY	-0.0077	0.1057	0.0333	-0.0063	-0.0014	-0.0200	-0.0483	0.0085	-0.0847	0.0134
	R-270	MECHANICAL REASONING	-0.1134	0.0725	0.0090	-0.0496	0.0640	-0.0958	-0.1295	-0.0327	-0.1103	0.1401
	R-281	VISUALIZATION IN 2-DIMENSIONS	-0.0577	0.0696	-0.0072	0.0366	0.0315	-0.0385	-0.0545	0.0398	-0.0434	0.0601
	R-282	VISUALIZATION IN 3-DIMENSIONS	-0.0497	0.1630	0.0382	-0.0549	0.0137	-0.0562	-0.0827	0.0320	-0.0592	0.1004
	R-290	ABSTRACT REASONING	0.0062	0.1124	0.0335	0.0339	-0.0181	-0.0074	-0.0430	0.0768	-0.0505	-0.0162
MATH TEST	R-311	ARITHMETIC REASONING	0.0042	0.0328	-0.0069	0.0386	-0.0482	0.0195	-0.0187	0.1358	-0.0527	-0.0493
	R-312	INTRODUCTORY HIGH SCHOOL MATH	0.0476	0.0505	0.0361	0.0697	-0.0927	0.0270	-0.0260	0.1941	-0.0538	-0.0953
	R-333	ADVANCED MATH	0.0338	0.0690	0.0581	0.0578	-0.0868	0.0179	-0.0254	0.1569	-0.0481	-0.0759
	F-410	ARITHMETIC COMPUTATION	0.0201	-0.0282	-0.0373	0.1013	-0.0477	0.0286	-0.0035	0.1473	-0.0186	-0.0923
	F-420	TABLE READING	0.0002	0.0129	-0.0160	0.0602	-0.0068	0.0270	0.0093	0.0616	0.0047	-0.0187
	F-430	CLERICAL CHECKING	0.0382	0.0403	0.0032	0.1075	-0.0151	0.0570	0.0209	0.0890	0.0027	-0.0695
	F-440	OBJECT INSPECTION	-0.0207	0.0682	0.0076	0.0494	0.0358	0.0011	-0.0233	0.0263	-0.0313	0.0032
	A-410	ARITHMETIC COMPUTATION	0.0658	-0.0158	-0.0243	0.1492	-0.0405	0.0687	0.0302	0.1878	0.0203	-0.1078
	A-420	TABLE READING	0.0214	0.0147	0.0063	0.0714	-0.0087	0.0525	0.0267	0.0694	0.0360	-0.0183
	A-430	CLERICAL CHECKING	0.0472	0.0254	0.0160	0.0888	-0.0186	0.0913	0.0508	0.0814	0.0441	-0.0471
	A-440	OBJECT INSPECTION	-0.0034	0.0744	0.0200	0.0522	0.0361	0.0176	-0.0036	0.0269	-0.0053	0.0127
	A-500	PREFERENCES	0.0230	0.0118	0.0058	0.0783	0.0351	0.0512	0.0423	0.0164	0.0386	0.0073
INTEREST INVENTORY	P-701	PHYSICAL SCIENCE,ENGRNG.,MATH	0.2426	0.3833	0.2079	0.2722	0.1548	0.2914	0.1507	0.4347	0.1884	0.4183
	P-702	BIOLOGICAL SCIENCE & MEDICINE	0.4338	0.4011	0.3054	0.2701	0.1650	0.3316	0.2256	0.2910	0.1834	0.1671
	P-703	PUBLIC SERVICE	0.4545	0.3377	0.2515	0.3064	0.0680	0.6341	0.4598	0.3931	0.2988	0.0380
	P-704	LITERARY,LINGUISTICS	0.6170	0.6013	0.5396	0.2875	0.0788	0.5408	0.4588	0.3785	0.3922	0.0415
	P-705	SOCIAL SERVICE		0.4047	0.3970	0.3316	0.0864	0.5245	0.4501	0.4449	0.4951	0.1222
	P-706	ARTISTIC	0.4047		0.4961	0.2139	0.1606	0.3997	0.3253	0.2670	0.3105	0.2524
	P-707	MUSICAL	0.3970	0.4961		0.1158	0.0308	0.2414	0.2132	0.1804	0.2646	0.0665
	P-708	SPORTS	0.3316	0.2139	0.1158		0.4266	0.3669	0.2773	0.2574	0.2200	0.2208
	P-709	HUNTING & FISHING	0.0864	0.1606	0.0308	0.4266		0.1535	0.0942	0.0063	0.0797	0.3383
	P-710	BUSINESS MANAGEMENT	0.5245	0.3997	0.2414	0.3669	0.1535		0.6918	0.5666	0.5132	0.2443
	P-711	SALES	0.4501	0.3253	0.2132	0.2773	0.0942	0.6918		0.5204	0.5323	0.1945
	P-712	COMPUTATION	0.4449	0.2670	0.1804	0.2574	0.0063	0.5666	0.5204		0.6544	0.2298
	P-713	OFFICE WORK	0.4951	0.3105	0.2646	0.2200	0.0797	0.5132	0.5323	0.6544		0.3109
	P-714	MECHANICAL,TECHNICAL	0.1222	0.2524	0.0665	0.2208	0.3383	0.2443	0.1945	0.2298	0.3109	
	P-715	SKILLED TRADES	0.2574	0.2595	0.1110	0.2532	0.3412	0.3113	0.3380	0.2384	0.4832	0.7222
	P-716	FARMING	0.1799	0.1508	0.0414	0.2794	0.5306	0.1474	0.1492	0.0586	0.2064	0.4300
	P-717	LABOR	0.2370	0.1658	0.0765	0.2182	0.2755	0.3173	0.3359	0.2178	0.4643	0.5560
STDNT ACTIV INVEN	R-601	SOCIABILITY	0.1567	0.0366	0.0313	0.2503	0.0538	0.2300	0.1728	0.1062	0.0412	-0.0232
	R-602	SOCIAL SENSITIVITY	0.2139	0.1368	0.1343	0.0968	-0.0002	0.1755	0.1105	0.1059	0.0324	-0.0692
	R-603	IMPULSIVENESS	0.0066	0.0308	0.0135	0.0664	0.0412	0.0880	0.0620	0.0017	-0.0076	-0.0095
	R-604	VIGOR	0.1099	0.0289	0.0119	0.3015	0.1375	0.1302	0.0665	0.0714	-0.0041	0.0066
	R-605	CALMNESS	0.1125	0.0547	0.0489	0.0888	0.0226	0.1130	0.0550	0.1134	0.0138	-0.0318
	R-606	TIDINESS	0.1278	0.0653	0.0552	0.0775	-0.0262	0.1253	0.0765	0.1341	0.0448	-0.0731
	R-607	CULTURE	0.2464	0.2148	0.2375	0.0914	-0.0120	0.1796	0.1228	0.1194	0.0579	-0.1038
	R-608	LEADERSHIP	0.2032	0.1081	0.1171	0.1617	-0.0026	0.2111	0.1092	0.1209	0.0240	-0.0791
	R-609	SELF-CONFIDENCE	0.0818	0.0369	0.0515	0.0771	0.0069	0.0884	0.0308	0.0465	-0.0434	-0.0409
	R-610	MATURE PERSONALITY	0.1503	0.0735	0.0627	0.0819	0.0021	0.1288	0.0380	0.1414	0.0156	-0.0119
STUDENT INFO BLANK SCALES	D-802	HS CURRIC-ACAD VS OTHER	0.1228	0.1017	0.0848	0.0847	-0.0916	0.0744	0.0134	0.1062	-0.0907	-0.1940
	F-803	HS COURSES(ACAD ORIENT)	0.1065	0.0927	0.0777	0.0736	-0.1007	0.0642	0.0084	0.1206	-0.0832	-0.1918
	P-820	HIGH SCHOOL GRADES	0.1479	0.0801	0.0926	0.0917	-0.0730	0.0770	0.0135	0.1718	0.0256	-0.1035
	F-822	GUIDANCE RECD IN HS	0.1516	0.1113	0.1021	0.0820	0.0026	0.1158	0.0855	0.0935	0.0396	-0.0262
	F-823	GUIDANCE RECD ELSEWHERE	0.1626	0.1066	0.0970	0.0951	0.0245	0.1095	0.0628	0.0982	0.0018	-0.0303
	P-827	STUDY HABITS & ATTITUDES	0.1888	0.0918	0.0902	0.0415	-0.0949	0.0779	0.0243	0.1808	0.0316	-0.1241
	P-828	SELF-PERCEP OF WRTG SKILLS	0.1911	0.1513	0.1618	0.0556	-0.0894	0.1302	0.0868	0.0922	0.0330	-0.1561
	P-829	SELF-PERCEP OF RDNG SKILLS	0.0606	0.0681	0.0629	[illegible]	-0.0285	0.0517	-0.0077	0.0323	-0.0576	-0.1092
	F-830	AMT OF EX-CURR RDNG	0.1045	0.1248	0.1235	[illegible]	0.0068	0.0476	0.0166	0.0406	0.0031	-0.0573
	P-831	VAR OF EX-CURR GRP ACT	0.2080	0.1475	0.1913	0.1043	0.0313	0.1885	[illegible]	0.1533	0.1378	0.0557
	F-832	VAR PARTIC IN EX-CURR GRP ACT	0.2421	0.1623	0.2286	0.1142	0.0352	0.2004	[illegible]	0.1565	0.1235	0.0443
	P-833	VARIETY OF HOBBIES	0.1521	0.2305	0.1441	0.0793	0.1749	[illegible]	[illegible]	0.1481	0.1560	0.3020
	F-834	DEGREE OF ACT IN HOBBIES	0.1292	0.2369	0.1599	0.0415	0.1935	0.1060	0.0735	0.0885	0.1077	0.3205
	F-835	PARTICIPATION IN SPORTS	0.1399	0.0848	0.0205	0.4836	0.2079	0.1735	0.1102	0.1012	0.0030	0.0378
	F-836	LEADERSHIP ROLES	0.1546	0.0820	0.0720	0.1749	0.0216	0.1358	[illegible]	0.0845	0.0234	-0.0367
	F-837	SOCIAL LIFE	-0.0041	0.0348	0.0013	[illegible]	0.0462	0.1373	[illegible]	[illegible]	[illegible]	0.0321
	F-838	WORK ACTIVITIES	-0.0108	-0.0284	-0.0324	[illegible]	0.0981	0.0599	[illegible]	[illegible]	[illegible]	0.1556

TABLE 6.1 (continued)

P-715	P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606	R-607	R-608	R-609	R-610		
-0.1250	-0.0569	-0.1197	0.1544	0.1234	0.0715	0.1417	0.1566	0.1437	0.1044	0.0804	0.1261	0.1650	INFORMATION TEST I	R-101
-0.1820	-0.0698	-0.1707	-0.0201	0.0624	0.0359	0.0277	0.0941	0.0430	0.0191	0.0281	0.0876	0.0872		R-102
-0.3060	-0.1515	-0.2768	0.0417	0.1628	0.0801	0.1204	0.1713	0.0934	0.1175	0.1473	0.1626	0.1793		R-103
-0.2731	-0.1667	-0.2565	0.0739	0.1619	0.0630	0.1122	0.1562	0.1184	0.1707	0.1685	0.1541	0.1597		R-104
-0.2729	-0.1147	-0.2427	0.0363	0.1284	0.0494	0.1276	0.1683	0.0925	0.0793	0.1304	0.1463	0.1761		R-105
-0.3027	-0.1644	-0.2846	0.0455	0.1479	0.0265	0.1383	0.2100	0.1322	0.1170	0.1803	0.1831	0.2494		R-106
-0.2595	-0.1089	-0.2483	-0.0286	0.1065	0.0162	0.0941	0.1673	0.0658	0.0591	0.1093	0.1466	0.1795		R-107
-0.1777	0.0100	-0.1733	-0.0208	0.0820	0.0256	0.0696	0.1360	0.0264	0.0498	0.0828	0.1034	0.1220		R-108
-0.1908	-0.0605	-0.1737	0.0375	0.1034	0.0463	0.0972	0.1472	0.0391	0.0424	0.1174	0.1249	0.1360		R-109
-0.1883	-0.0740	-0.1814	-0.0598	0.0680	0.0613	0.0443	0.1324	0.0142	0.0206	0.0389	0.1154	0.0992		R-110
-0.1118	-0.0560	-0.1440	-0.0842	0.0447	0.0226	0.0139	0.1200	0.0147	0.0082	0.0215	0.1096	0.1197		R-111
-0.0134	0.0811	-0.0448	0.0532	0.0157	0.0501	0.0722	0.1164	0.0124	-0.0060	0.0153	0.1030	0.0950		R-112
-0.0153	0.1988	-0.0034	0.0159	0.0251	0.0284	0.0974	0.1058	0.0177	0.0287	0.0408	0.0731	0.0966		R-113
-0.0853	0.0094	-0.0982	0.0408	0.0891	0.0362	0.0886	0.1319	0.0886	0.0948	0.0877	0.1192	0.1379		R-114
-0.1938	-0.0967	-0.1565	0.1670	0.1042	0.0763	0.2200	0.1651	0.0993	0.0763	0.1787	0.1449	0.1350		R-115
-0.2502	-0.1454	-0.2401	0.0527	0.1502	0.0709	0.0925	0.1441	0.1087	0.1173	0.1116	0.1502	0.1580	INFORMATION TEST II	R-131
-0.2186	-0.1027	-0.1955	0.0270	0.0983	0.0699	0.0805	0.1521	0.0574	0.0590	0.1119	0.1495	0.1347		R-132
-0.2217	-0.0908	-0.2130	0.0605	0.1435	0.0459	0.1352	0.1710	0.1212	0.0942	0.1139	0.1395	0.1739		R-133
-0.0874	0.0077	-0.0935	0.0236	0.0654	0.0325	0.0916	0.1243	0.0658	0.0597	0.0593	0.1140	0.1261		R-134
-0.1699	-0.0868	-0.1595	0.0213	[illegible]	0.0502	0.0752	0.1154	0.0866	0.1001	0.1046	0.0947	0.1383		R-135
-0.2391	-0.1486	-0.2175	0.0693	0.1401	0.0626	0.1078	0.1490	0.1148	0.0969	0.1336	0.1367	0.1600		R-136
-0.2448	-0.1220	-0.2191	0.0164	0.1110	0.0642	0.0789	0.1245	0.0709	0.0753	0.1000	0.1167	0.1197		R-137
-0.2042	-0.0958	-0.1803	0.0438	0.1058	0.0729	0.0863	0.1219	0.0581	0.0714	0.1196	0.1197	0.1098		R-138
-0.2007	-0.1053	-0.1853	0.0533	0.1287	0.0890	0.0967	0.1571	0.0928	0.0842	0.1274	0.1407	0.1714		R-139
-0.1677	-0.0987	-0.1566	0.1298	0.1213	0.0786	0.1317	0.1684	0.1330	0.1018	0.1041	0.1509	0.1537		R-140
-0.1026	-0.0396	-0.0782	0.0937	0.0490	0.0614	0.1045	0.1529	0.1198	0.1014	0.0970	0.1302	0.1510		R-141
-0.1901	-0.0569	-0.1599	0.0512	0.1356	0.0836	0.1050	0.1478	0.0882	0.1297	0.1441	0.1296	0.1697		R-142
-0.0696	-0.0653	-0.0754	0.0411	0.0531	0.0182	0.0470	0.0602	0.0567	0.0720	0.0635	0.0676	0.0692		R-143
-0.0854	-0.0362	-0.0777	0.0499	0.0673	0.0275	0.0667	0.1023	0.0677	0.0741	0.0830	0.0815	0.0667		R-144
0.0842	0.2312	0.0802	-0.0227	-0.0370	0.0270	0.0523	0.0413	-0.0456	-0.0451	-0.0280	0.0224	-0.0064		R-145
-0.0006	0.1365	-0.0008	0.0105	0.0109	0.0642	0.0868	0.0717	-0.0069	-0.0028	0.0153	0.0544	0.0377		R-146
-0.1430	-0.0045	-0.1322	0.0800	0.0934	0.0494	0.1383	0.1725	0.0849	0.0683	0.0993	0.1469	0.1479		R-147
-0.1468	-0.0783	-0.1392	0.0670	0.1076	0.0513	0.0943	0.1438	0.0976	0.0932	0.0811	0.1367	0.1399		R-148
-0.1876	-0.1100	-0.1722	0.0626	0.0904	0.0761	0.1005	0.1215	0.0638	0.0692	0.1073	0.1377	0.1164		R-149
-0.2511	-0.1614	-0.2231	0.0993	0.1397	0.0955	0.1124	0.1546	0.1056	0.1143	0.1418	0.1678	0.1485		R-150
-0.1988	-0.1332	-0.1944	0.0816	0.1263	0.0809	0.0742	0.1025	0.0971	0.1077	0.1168	0.1069	0.0949		R-151
-0.2235	-0.1348	-0.2137	0.0606	0.1396	0.0816	0.1155	0.1718	0.0971	0.0999	0.1282	0.1559	0.1728		R-152
-0.2480	-0.1121	-0.2298	0.0558	0.1482	0.0608	0.1253	0.1724	0.1137	0.0940	0.1185	0.1571	0.1757		R-162
-0.0406	0.0040	-0.0498	0.0103	0.0235	-0.0024	0.0366	0.0510	0.0451	0.0223	0.0261	0.0763	0.0540		R-211
-0.1615	-0.0721	-0.1551	0.0357	0.0880	-0.0047	0.0841	0.1001	0.0738	0.0674	0.1042	0.1011	0.1235		R-212
-0.1988	-0.1194	-0.1777	0.1328	0.1653	0.0977	0.1587	0.1673	0.1530	0.1194	0.1618	0.1753	0.2031		R-220
-0.1861	-0.1135	-0.1592	0.0700	0.1153	0.0165	0.1267	0.1249	0.1564	0.1191	0.1254	0.1160	0.1903	ENGLISH TEST	R-231
-0.1417	-0.0635	-0.1328	0.0503	0.0711	-0.0036	0.0865	0.0929	0.0893	0.0520	0.0492	0.0894	0.1164		R-232
-0.2330	-0.1186	-0.2102	0.0402	0.1269	-0.0071	0.1060	0.1596	0.1356	0.1144	0.1267	0.1395	0.2130		R-233
-0.2074	-0.0977	-0.1891	0.0468	0.1235	0.0100	0.1089	0.1429	0.1034	0.0489	0.1001	0.1349	0.1632		R-234
-0.1771	-0.0636	-0.1560	0.0453	0.0924	-0.0078	0.0885	0.1145	0.0900	0.0582	0.0796	0.1157	0.1213		R-235
-0.2213	-0.1096	-0.2039	0.0401	0.1445	0.0030	0.1126	0.1715	0.1241	0.1183	0.1549	0.1395	0.2240		R-240
-0.2866	-0.1046	-0.2560	0.0436	0.1584	0.0415	0.1341	0.1916	0.1074	0.0934	0.1362	0.1793	0.1983		R-250
-0.1408	-0.0275	-0.1411	0.0418	0.1033	0.0569	0.1172	0.1672	0.0935	0.0726	0.1071	0.1499	0.1708		R-260
-0.0558	0.0517	-0.0786	-0.0369	0.0330	0.0097	0.0476	0.1215	-0.0019	-0.0181	0.0276	0.1067	0.0884		R-270
-0.0495	0.0023	-0.0626	0.0188	0.0351	0.0258	0.0687	0.1018	0.0478	0.0179	0.0602	0.0926	0.0993		R-281
-0.0524	0.0017	-0.0885	-0.0732	0.0170	-0.0153	0.0144	0.0954	0.0039	0.0115	0.0234	0.0661	0.0925		R-282
-0.1427	-0.0582	-0.1500	0.0025	0.0742	-0.0259	0.0704	0.1152	0.0572	0.0358	0.0791	0.0881	0.1173		R-290
-0.1917	-0.0684	-0.1760	0.0219	0.0979	0.0231	0.0993	0.1682	0.0747	0.0435	0.1195	0.1319	0.1918	MATH TEST	R-311
-0.2641	-0.1393	-0.2440	0.0366	0.1174	0.0123	0.1223	0.1872	0.1116	0.0899	0.1507	0.1570	0.2277		R-312
-0.2221	-0.1287	-0.2089	0.0192	0.1093	0.0200	0.1027	0.1695	0.0888	0.0759	0.1467	0.1366	0.2100		R-333
-0.1709	-0.0901	-0.1579	0.0981	0.0828	0.0112	0.1344	0.1388	0.1295	0.0821	0.1052	0.1357	0.1805		F-410
-0.0563	-0.0467	-0.0497	0.0860	0.0527	0.0232	0.0719	0.0835	0.1001	0.0599	0.0453	0.0774	0.0744		F-420
-0.1063	-0.0756	-0.1005	0.1105	0.0974	0.0454	0.1193	0.1142	0.1319	0.0941	0.1074	0.1158	0.1343		F-430
-0.0550	-0.0478	-0.0678	0.0853	0.0529	0.0351	0.0748	0.0900	0.0829	0.0568	0.0702	0.0931	0.0761		F-440
-0.1615	-0.1004	-0.1316	0.1619	0.1275	0.0886	0.1864	0.1982	0.1808	0.1311	0.1917	0.1647	0.2525		A-410
-0.0077	-0.0337	0.0028	0.0960	0.0429	0.0750	0.0750	0.0756	0.0749	0.0524	0.0846	0.0731	0.0806		A-420
-0.0321	-0.0687	-0.0216	0.1301	0.0874	0.1102	0.1045	0.1033	0.1226	0.1073	0.1338	0.0884	0.1219		A-430
-0.0152	-0.0325	-0.0246	0.0968	0.0560	0.0704	0.0794	0.0902	0.0798	0.0700	0.0835	0.0840	0.0752		A-440
0.0363	0.0070	0.0407	0.1423	0.0763	0.1859	0.1125	0.1210	0.0974	0.1018	0.1190	0.0775	0.1137		A-500
0.0769	0.0562	0.0044	0.0520	0.1371	0.0153	0.1385	0.1758	0.1119	0.1445	0.1541	0.1343	0.2302	INTEREST INVENTORY	P-701
0.0409	0.0817	-0.0252	0.1228	0.2038	0.0436	0.1550	0.1551	0.1392	0.2271	0.2121	0.1297	0.1956		P-702
0.0604	0.0257	0.0676	0.1799	0.1696	0.0805	0.1203	0.1177	0.1144	0.2001	0.2317	0.1201	0.1544		P-703
0.0991	0.0499	0.0793	0.0982	0.2288	0.0709	0.0903	0.1268	0.0999	0.2766	0.2300	0.1123	0.1528		P-704
0.2574	0.1799	0.2370	0.1567	0.2139	0.0066	0.1099	0.1125	0.1278	0.2464	0.2032	0.0818	0.1503		P-705
0.2595	0.1508	0.1658	0.0366	0.1368	0.0308	0.0289	0.0547	0.0653	0.2148	0.1081	0.0369	0.0735		P-706
0.1110	0.0414	0.0765	0.0313	0.1343	0.0135	0.0119	0.0489	0.0552	0.2375	0.1171	0.0515	0.0627		P-707
0.2532	0.2794	0.2182	0.2503	0.0968	0.0664	0.3015	0.0888	0.0775	0.0914	0.1617	0.0771	0.0819		P-708
0.3412	0.5306	0.2755	0.0538	-0.0002	0.0412	0.1375	0.0226	-0.0262	-0.0120	-0.0026	0.0069	0.0021		P-709
0.3113	0.1474	0.3173	0.2300	0.1755	0.0880	0.1302	0.1130	0.1253	0.1796	0.2111	0.0884	0.1288		P-710
0.3380	0.1492	0.3359	0.1728	0.1105	0.0620	0.0665	0.0550	0.0765	0.1228	0.1092	0.0308	0.0380		P-711
0.2384	0.0586	0.2178	0.1062	0.1059	0.0017	0.0714	0.1134	0.1341	0.1194	0.1209	0.0465	0.1414		P-712
0.4832	0.2064	0.4643	0.0412	0.0324	-0.0076	-0.0041	0.0138	0.0448	0.0579	0.0240	-0.0434	0.0156		P-713
0.7222	0.4300	0.5560	-0.0232	-0.0692	-0.0095	0.0066	-0.0318	-0.0731	-0.1038	-0.0791	-0.0409	-0.0119		P-714
	0.5613	0.8031	-0.0538	-0.1201	-0.0132	-0.0398	-0.1172	-0.1356	-0.1354	-0.1107	-0.1325	-0.1227		P-715
0.5613		0.4817	-0.0564	-0.0661	-0.0185	0.0621	-0.0340	-0.0912	-0.0761	-0.0550	-0.0595	-0.0418		P-716
0.8031	0.4817		-0.0552	-0.1309	0.0036	-0.0539	-0.1200	-0.1553	-0.1536	-0.1061	-0.1344	-0.1435		P-717
-0.0538	-0.0564	-0.0552		0.4932	0.2504	0.4959	0.4066	0.3928	0.4258	0.3876	0.3629	0.3920	STDNT ACTIV INVEN	R-601
-0.1201	-0.0661	-0.1309	0.4932		0.2001	0.4366	0.5493	0.4807	0.5652	0.4270	0.2881	0.5538		R-602
-0.0132	-0.0185	0.0036	0.2504	0.2001		0.2339	0.1439	0.1034	0.1700	0.2344	0.1200	0.1690		R-603
-0.0398	0.0621	-0.0539	0.4959	0.4366	0.2339		0.4369	0.4259	0.4154	0.3938	0.3160	0.5413		R-604
-0.1172	-0.0340	-0.1200	0.4066	0.5493	0.1439	0.4369		0.4978	0.4822	0.3947	0.4416	0.5929		R-605
-0.1356	-0.0912	-0.1553	0.3928	0.4807	0.1034	0.4259	0.4978		0.5635	0.3267	0.2922	0.6151		R-606
-0.1354	-0.0761	-0.1536	0.4258	0.5652	0.1700	0.4154	0.4822	0.5635		0.4157	0.3068	0.5543		R-607
-0.1107	-0.0550	-0.1061	0.3876	0.4270	0.2344	0.3938	0.3947	0.3267	0.4157		0.3277	0.4730		R-608
-0.1325	-0.0595	-0.1344	0.3629	0.2881	0.1200	0.3160	0.4416	0.2922	0.3068	0.3277		0.4253		R-609
-0.1227	-0.0418	-0.1435	0.3920	0.5538	0.1690	0.5413	0.5929	0.6151	0.5543	0.4730	0.4253			R-610
-0.3187	-0.1865	-0.2945	0.1093	0.1806	0.0246	0.1504	0.1950	0.1668	0.1767	0.1995	0.1775	0.2115	STUDENT INFO BLANK SCALES	D-802
-0.3137	-0.1967	-0.2942	0.1032	0.1850	0.0506	0.1543	0.1914	0.1662	0.1646	0.2033	0.1839	0.2163		F-803
-0.1949	-0.1182	-0.1929	0.0975	0.1873	0.0359	0.1846	0.2321	0.2215	0.2238	0.2641	0.1814	0.3590		P-820
-0.0371	-0.0282	-0.0457	0.1475	0.1427	0.0529	0.1314	0.0930	0.1180	0.1700	0.1816	0.1120	0.1346		F-822
-0.0918	-0.0139	-0.1118	0.1912	0.2023	0.0575	0.1785	0.1527	0.1722	0.2107	0.2146	0.1613	0.2100		F-823
-0.2247	-0.1131	-0.2281	0.0835	0.2166	-0.0999	0.1912	0.2806	0.3412	0.2791	0.2151	0.2732	0.4416		P-827
-0.1794	-0.1306	-0.1746	0.1372	0.2455	0.0334	0.1703	0.2077	0.2288	0.2594	0.2479	0.2405	0.2835		P-828
-0.1921	-0.0988	-0.1694	0.0800	0.1485	0.0681	0.1595	0.2149	0.1517	0.1544	0.1753	0.2711	0.2523		P-829
-0.1094	-0.0349	-0.0915	0.0104	0.1401	0.0945	0.1155	0.1409	0.0710	0.1630	0.1236	0.1499	0.1622		F-830
0.0585	0.0340	0.0418	0.1738	0.1674	0.0817	0.1440	0.1193	0.1251	0.2204	0.2359	0.1083	0.1632		P-831
0.0255	0.0324	0.0103	0.2257	0.2302	0.0979	0.2075	0.1779	0.1845	0.2884	0.3167	0.1786	0.2457		F-832
0.2270	0.2159	0.1586	0.0469	0.0770	-0.0117	0.0893	0.0732	0.0686	0.1231	0.0904	0.0734	0.1145		P-833
0.2283	0.2280	0.1506	0.0689	0.1321	0.0603	0.1331	0.1167	0.1271	0.1844	0.1378	0.1035	0.1928		F-834
-0.0014	0.0715	-0.0204	0.2886	0.1803	0.0950	0.3607	0.1736	0.1732	0.1707	0.2307	0.1792	0.1848		F-835
-0.0439	-0.0043	-0.0483	0.1941	0.1781	0.0602	0.1961	0.1544	0.1249	0.1815	0.3347	0.1604	0.1783		F-836
0.0132	-0.0588	0.0100	0.2804	0.0994	0.1155	0.1317	0.0443	0.0633	0.0808	0.1578	0.1262	0.0321		F-837
0.1663	0.1141	0.1465	0.0808	0.0127	0.0522	0.0982	0.0220	0.0200	0.0144	0.0375	0.0240	0.0736		F-838

TABLE 6.1 (continued)

			D-802	F-803	P-820	F-822	F-823	P-827	P-828	**P-829**	F-830	P-831
INFORMATION TEST I	R-101	SCREENING	0.1703	0.1774	0.1255	-0.0089	0.0761	0.1354	0.1054	**0.1670**	0.0769	-0.0371
	R-102	VOCABULARY I	0.2173	0.2549	0.1044	-0.0135	0.0759	0.1393	[illegible]	**0.1694**	0.0922	-0.1353
	R-103	LITERATURE	0.4340	0.4804	0.3156	0.0619	0.1642	0.2862	[illegible]	**0.3616**	0.2720	-0.0524
	R-104	MUSIC	0.3892	0.4274	0.2536	0.1164	0.1743	0.2511	0.2673	**0.2887**	0.1903	0.0016
	R-105	SOCIAL STUDIES	0.4204	0.4599	0.3173	0.0461	0.1573	0.2941	0.2284	**0.3359**	0.2131	-0.0967
	R-106	MATHEMATICS	0.5863	0.6287	0.4280	0.0962	0.1870	0.4003	0.2824	**0.2846**	0.1688	-0.0055
	R-107	PHYSICAL SCIENCES	0.4422	0.4925	0.3375	0.0524	0.1356	0.3017	0.2160	**0.2987**	0.2129	-0.0506
	R-108	BIOLOGICAL SCIENCES	0.2349	0.3297	0.2198	0.0201	0.1057	0.1949	0.1572	**0.2604**	0.2006	-0.0526
	R-109	SCIENTIFIC ATTITUDE	0.2866	0.3081	0.1906	0.0060	0.1265	0.1815	0.1649	**0.2342**	0.1450	-0.0826
	R-110	AERONAUTICS AND SPACE	0.2854	0.3213	0.1580	0.0384	0.0768	0.1671	0.1346	**0.2789**	0.2166	-0.0658
	R-111	ELECTRICITY,ELECTRONICS	0.2262	0.2538	0.1474	0.0412	0.0756	0.1507	0.0773	**0.1940**	0.1466	-0.0428
	R-112	MECHANICS	0.1216	0.1209	0.0227	0.0066	0.0793	0.0503	0.0288	**0.1486**	0.0838	-0.0893
	R-113	FARMING	0.0890	0.0772	0.1017	-0.0198	0.0506	0.1014	0.0648	**0.1686**	0.1125	-0.0339
	R-114	HOME ECONOMICS	0.1865	0.2061	0.1261	0.0570	0.1119	0.1457	0.1021	**0.1607**	0.1103	-0.0301
	R-115	SPORTS	0.3534	0.3631	0.2324	0.0800	0.1366	0.1976	0.1800	**0.2333**	0.1217	-0.0489
INFORMATION TEST II	R-131	ART	0.3426	0.3917	0.2230	0.0637	0.1448	0.2371	0.2397	**0.3092**	0.2154	-0.0613
	R-132	LAW	0.3203	0.3468	0.2240	0.0424	0.1398	0.2024	0.1941	**0.2906**	0.2085	-0.0607
	R-133	HEALTH	0.3086	0.3407	0.2273	0.0358	0.1296	0.2214	0.2013	**0.2577**	0.1492	-0.0696
	R-134	ENGINEERING	0.2113	0.2250	0.1336	0.0235	0.0908	0.1537	0.1018	**0.1863**	0.1157	-0.0474
	R-135	ARCHITECTURE	0.2774	0.3065	0.2046	0.0646	0.1139	0.2040	0.1880	**0.2271**	0.1648	-0.0162
	R-136	JOURNALISM	0.3372	0.3645	0.2293	0.0635	0.1351	0.2311	0.2315	**0.2632**	0.1504	-0.0537
	R-137	FOREIGN TRAVEL	0.3200	0.3627	0.2237	0.0573	0.1233	0.2080	0.2067	**0.2812**	0.1884	-0.0733
	R-138	MILITARY	0.2906	0.3132	0.1677	0.0682	0.1323	0.1491	0.1614	**0.2575**	0.1902	-0.0127
	R-139	ACCOUNTING,BUSINESS,SALES	0.2803	0.3238	0.2135	0.0410	0.1393	0.2060	0.1833	**0.2659**	0.1618	-0.0444
	R-140	PRACTICAL KNOWLEDGE	0.2434	0.2510	0.1195	0.0412	0.1298	0.1699	0.1317	**0.2112**	0.1135	-0.0789
	R-141	CLERICAL	0.1444	0.1286	0.1386	0.0122	0.0823	0.1431	0.1336	**0.1840**	0.1234	-0.0196
	R-142	BIBLE	0.3107	0.3329	0.2918	0.0076	0.1334	0.2238	0.2228	**0.3103**	0.2365	-0.0077
	R-143	COLORS	0.1351	0.1567	0.1160	0.0418	0.0716	0.0928	0.1347	**0.1041**	0.0677	0.0005
	R-144	ETIQUETTE	0.1818	0.1855	0.1093	0.0406	0.0925	0.1022	0.0889	**0.0831**	0.0526	0.0034
	R-145	HUNTING	-0.0484	-0.0775	-0.0335	-0.0327	0.0012	-0.0644	-0.0548	**0.0575**	0.0769	-0.0305
	R-146	FISHING	0.0630	0.0554	0.0311	0.0184	0.0332	0.0127	0.0302	**0.1114**	0.0992	-0.0315
	R-147	OUTDOOR ACTIVITIES(OTHER)	0.2738	0.2812	0.1438	0.0451	0.1197	0.1616	0.1229	**0.2238**	0.1510	-0.0494
	R-148	PHOTOGRAPHY	0.2250	0.2345	0.1540	0.0275	0.0945	0.1573	0.1425	**0.1953**	0.1275	-0.0349
	R-149	GAMES(SEDENTARY)	0.2781	0.3133	0.1952	0.0620	0.1127	0.1683	0.1381	**0.1841**	0.1476	-0.0164
	R-150	THEATER,BALLET	0.3364	0.3781	0.2253	0.0647	0.1530	0.2305	0.2535	**0.3060**	0.1970	-0.0458
	R-151	FOODS	0.2568	0.3042	0.1245	0.0992	0.1213	0.1423	0.1759	**0.1626**	0.1055	0.0066
	R-152	MISCELLANEOUS	0.3482	0.4002	0.2547	0.0671	0.1417	0.2300	0.2151	**0.2881**	0.2058	-0.0428
	R-162	VOCABULARY II	0.3777	0.4145	0.2421	0.0515	0.1665	0.2529	0.2518	**0.3113**	0.1833	-0.0871
	R-211	MEMORY FOR SENTENCES	0.1008	0.1140	0.1339	-0.0150	0.0357	0.1179	0.0723	**0.1107**	0.0229	-0.0354
	R-212	MEMORY FOR WORDS	0.2880	0.3118	0.2829	0.0285	0.1041	0.2283	0.2080	**0.1899**	0.0813	-0.0201
ENGLISH TEST	R-220	DISGUISED WORDS	0.3165	0.3682	0.2628	0.0791	0.1375	0.2132	0.3150	**0.2933**	0.1799	-0.0145
	R-231	SPELLING	0.3050	0.3371	0.3365	0.0338	0.1005	0.2919	0.3339	**0.2595**	0.1327	-0.0276
	R-232	CAPITALIZATION	0.2123	0.2427	0.1758	0.0113	0.1016	0.1937	0.1508	**0.1426**	0.0609	-0.0782
	R-233	PUNCTUATION	0.4057	0.4534	0.3675	0.0350	0.1466	0.3529	0.3165	**0.2380**	0.1243	-0.0453
	R-234	USAGE	0.3253	0.3607	0.2653	0.0324	0.1186	0.2559	0.2640	**0.2294**	0.1336	-0.0663
	R-235	EFFECTIVE EXPRESSION	0.2943	0.3098	0.1865	0.0333	0.1235	0.2180	0.2087	**0.2001**	0.0984	-0.0911
	R-240	WORD FUNCTIONS IN SENTENCES	0.4331	0.4569	0.4126	0.0484	0.1509	0.3597	0.3136	**0.2514**	0.1235	-0.0050
	R-250	READING COMPREHENSION	0.4602	0.4852	0.3128	0.0274	0.1703	0.3239	0.2850	**0.3900**	0.2478	-0.1042
	R-260	CREATIVITY	0.2891	0.3374	0.2125	0.0488	0.1417	0.2103	0.1928	**0.2709**	0.1753	-0.0465
	R-270	MECHANICAL REASONING	0.2094	0.2407	0.1067	0.0203	0.0898	0.1064	0.0454	**0.1242**	0.0829	-0.0775
	R-281	VISUALIZATION IN 2-DIMENSIONS	0.1466	0.1836	0.1199	0.0390	0.0872	0.0910	0.0351	**0.0810**	0.0668	-0.0272
	R-282	VISUALIZATION IN 3-DIMENSIONS	0.2153	0.2304	0.1363	0.0248	0.0910	0.1343	0.0513	**0.0903**	0.0752	-0.0582
MATH TEST	R-290	ABSTRACT REASONING	0.3113	0.3550	0.2108	0.0348	0.1188	0.2159	0.1354	**0.1396**	0.0849	-0.0690
	R-311	ARITHMETIC REASONING	0.4802	0.4245	0.3231	0.0282	0.1521	0.2799	0.1973	**0.2349**	0.1326	-0.0665
	R-312	INTRODUCTORY HIGH SCHOOL MATH	0.5349	0.5749	0.4272	0.0674	0.1664	0.3828	0.2428	**0.2453**	0.1321	-0.0236
	R-333	ADVANCED MATH	0.4551	0.5058	0.3647	0.0621	0.1458	0.3311	0.2153	**0.2131**	0.1275	0.0122
	F-410	ARITHMETIC COMPUTATION	0.2660	0.2708	0.2373	0.0148	0.1044	0.2588	0.1560	**0.1527**	0.0467	-0.0833
	F-420	TABLE READING	0.0785	0.0929	0.0710	0.0182	0.0466	0.0716	0.0415	**0.0543**	0.0275	-0.0147
	F-430	CLERICAL CHECKING	0.1723	0.1909	0.1560	0.0524	0.0950	0.1441	0.1467	**0.1396**	0.0764	0.0112
	F-440	OBJECT INSPECTION	0.0922	0.1165	0.0590	0.0463	0.0634	0.0521	0.0382	**0.0453**	0.0218	-0.0084
	A-410	ARITHMETIC COMPUTATION	0.2765	0.3030	0.3242	0.0608	0.1167	0.2485	0.1876	**0.1744**	0.0804	0.0280
	A-420	TABLE READING	0.0403	0.0772	0.0985	0.0515	0.0185	0.0108	0.0396	**0.0498**	0.0499	0.0822
	A-430	CLERICAL CHECKING	0.0488	0.0650	0.1409	0.0611	0.0248	0.0401	0.0785	**0.0696**	0.0677	0.1064
	A-440	OBJECT INSPECTION	0.0462	0.0763	0.0563	0.0540	0.0465	0.0106	0.0239	**0.0290**	0.0393	0.0588
	A-500	PREFERENCES	-0.0470	-0.0448	0.0551	0.0059	-0.0126	-0.0679	-0.0114	**0.0371**	0.0581	0.0980
INTEREST INVENTORY	P-701	PHYSICAL SCIENCE,ENGRNG.,MATH	0.3327	0.3436	0.3220	0.0983	0.1495	0.2932	0.1402	**0.1911**	0.1875	0.1368
	P-702	BIOLOGICAL SCIENCE & MEDICINE	0.2909	0.3007	0.2601	0.1373	0.1722	0.2563	0.2039	**0.1735**	0.1796	0.1891
	P-703	PUBLIC SERVICE	0.1848	0.1834	0.1869	0.1313	0.1330	0.1616	0.1947	**0.1565**	0.1309	0.1938
	P-704	LITERARY,LINGUISTICS	0.2346	0.2417	0.2351	0.1413	0.1470	0.2178	0.3664	**0.2400**	0.2841	0.2131
	P-705	SOCIAL SERVICE	0.1228	0.1065	0.1479	0.1516	0.1626	0.1888	0.1911	**0.0606**	0.1045	0.2080
	P-706	ARTISTIC	0.1017	0.0927	0.0801	0.1113	0.1066	0.0918	0.1513	**0.0681**	0.1248	0.1475
	P-707	MUSICAL	0.0848	0.0777	0.0926	0.1021	0.0970	0.0902	0.1618	**0.0629**	0.1235	0.1913
	P-708	SPORTS	0.0847	0.0736	0.0917	0.0820	0.0951	0.0415	0.0556	**0.0476**	0.0276	0.1043
	P-709	HUNTING & FISHING	-0.0916	-0.1007	-0.0730	0.0026	0.0245	-0.0949	-0.0894	**-0.0285**	0.0068	0.0313
	P-710	BUSINESS MANAGEMENT	0.0744	0.0642	0.0770	0.1158	0.1095	0.0779	0.1302	**0.0517**	0.0476	0.1885
	P-711	SALES	0.0134	0.0084	0.0135	0.0855	0.0628	0.0243	0.0868	**-0.0077**	0.0166	0.1661
	P-712	COMPUTATION	0.1062	0.1206	0.1718	0.0935	0.0982	0.1808	0.0922	**0.0323**	0.0406	0.1533
	P-713	OFFICE WORK	-0.0907	-0.0832	0.0256	0.0396	0.0018	0.0316	0.0330	**-0.0576**	0.0031	0.1378
	P-714	MECHANICAL,TECHNICAL	-0.1940	-0.1918	-0.1035	-0.0262	-0.0303	-0.1241	-0.1561	**-0.1092**	-0.0573	0.0557
	P-715	SKILLED TRADES	-0.3187	-0.3137	-0.1949	-0.0371	-0.0918	-0.2247	-0.1794	**-0.1921**	-0.1094	0.0585
	P-716	FARMING	-0.1865	-0.1957	-0.1182	-0.0282	-0.0139	-0.1131	-0.1306	**-0.0988**	-0.0349	0.0340
	P-717	LABOR	-0.2945	-0.2942	-0.1929	-0.0457	-0.1118	-0.2281	-0.1746	**-0.1694**	-0.0915	0.0418
STDNT ACTIV INVEN	R-601	SOCIABILITY	0.1093	0.1032	0.0975	0.1475	0.1912	0.0835	0.1372	**0.0800**	0.0104	0.1738
	R-602	SOCIAL SENSITIVITY	0.1806	0.1850	0.1873	0.1427	0.2023	0.2166	0.2455	**0.1485**	0.1401	0.1674
	R-603	IMPULSIVENESS	0.0246	0.0506	0.0359	0.0529	0.0575	-0.0999	0.0334	**0.0681**	0.0945	0.0817
	R-604	VIGOR	0.1504	0.1543	0.1846	0.1314	0.1785	0.1912	0.1703	**0.1595**	0.1155	0.1440
	R-605	CALMNESS	0.1950	0.1914	0.2321	0.0930	0.1527	0.2806	0.2077	**0.2149**	0.1409	0.1193
	R-606	TIDINESS	0.1668	0.1662	0.2215	0.1180	0.1722	0.3412	0.2288	**0.1517**	0.0710	0.1251
	R-607	CULTURE	0.1767	0.1646	0.2238	0.1700	0.2107	0.2791	0.2594	**0.1544**	0.1630	0.2204
	R-608	LEADERSHIP	0.1995	0.2033	0.2641	0.1816	0.2146	0.2151	0.2479	**0.1753**	0.1236	0.2359
	R-609	SELF-CONFIDENCE	0.1775	0.1839	0.1814	0.1120	0.1613	0.2732	0.2405	**0.2711**	0.1499	0.1083
	R-610	MATURE PERSONALITY	0.2115	0.2163	0.3590	0.1346	0.2100	0.4416	0.2835	**0.2523**	0.1622	0.1632
STUDENT INFO BLANK SCALES	D-802	HS CURRIC-ACAD VS OTHER		0.6913	0.3311	0.1439	0.1992	0.3590	0.2770	**0.2452**	0.1569	0.0639
	F-803	HS COURSES(ACAD ORIENT)	0.6913		0.3585	0.1791	0.2356	0.3541	0.2918	**0.2682**	0.1990	0.0729
	P-820	HIGH SCHOOL GRADES	0.3311	0.3585		0.0597	0.1439	0.4656	0.3209	**0.2890**	0.1717	0.1636
	F-822	GUIDANCE RECD IN HS	0.1439	0.1791	0.0597		0.3562	0.1148	0.1312	**0.0438**	0.1450	0.2253
	F-823	GUIDANCE RECD ELSEWHERE	0.1992	0.2356	0.1439	0.3562		0.2045	0.1615	**0.1105**	0.1710	0.1502
	P-827	STUDY HABITS & ATTITUDES	0.3590	0.3541	0.4656	0.1148	0.2045		0.4297	**0.3881**	0.1761	0.0918
	P-828	SELF-PERCEP OF WRTG SKILLS	0.2770	0.2918	0.3209	0.1312	0.1615	0.4297		**0.4026**	0.2239	0.1314
	P-829	SELF-PERCEP OF RDNG SKILLS	0.2452	0.2682	0.2890	0.0438	0.1105	0.3881	0.4026		0.3551	0.0425
	F-830	AMT OF EX-CURR RDNG	0.1569	0.1990	0.1717	0.1450	0.1710	0.1761	0.2239	**0.3551**		0.1523
	P-831	VAR OF EX-CURR GRP ACT	0.0639	0.0729	0.1636	0.2253	0.1502	0.0918	0.1314	**0.0425**	0.1523	
	F-832	VAR PARTIC IN EX-CURR GRP ACT	0.1026	0.1060	0.1978	0.2396	0.2015	0.1543	0.1767	**0.0832**	0.1811	0.8745
	P-833	VARIETY OF HOBBIES	0.0068	-0.0012	0.0297	0.2104	0.1848	[illegible]	0.0384	**-0.0139**	0.1395	0.3799
	F-834	DEGREE OF ACT IN HOBBIES	-0.0453	-0.0380	0.0294	0.2030	0.1855	0.0589	0.0350	**-0.0092**	0.1750	0.3775
	F-835	PARTICIPATION IN SPORTS	0.1812	0.1980	0.1312	0.1786	0.2220	0.1301	0.1186	**0.1167**	0.1275	0.1885
	F-836	LEADERSHIP ROLES	0.1444	0.1441	0.1790	0.1941	0.1711	0.1208	0.1393	**0.0830**	0.0855	0.2694
	F-837	SOCIAL LIFE	-0.0090	-0.0051	-0.0397	0.1311	0.1574	-0.1240	0.0446	**0.0105**	[illegible]	0.1241
	F-838	WORK ACTIVITIES	-0.1287	-0.1355	-0.1044	[illegible]	0.0720	-0.1115	[illegible]	**-0.0857**	[illegible]	0.0913

TABLE 6.1 (continued)

	F-832	P-833	F-834	F-835	F-836	F-837	F-838	
INFORMATION TEST I	-0.0180	-0.0295	-0.0495	0.0960	0.0282	-0.0136	-0.0545	R-101
	-0.0972	-0.0644	-0.0737	-0.1012	-0.0334	-0.0577	-0.0856	R-102
	-0.0011	-0.0699	-0.0913	0.1230	0.0558	-0.0366	-0.1831	R-103
	0.0645	-0.0219	-0.0326	0.1017	0.0922	0.0048	-0.1603	R-104
	-0.0454	-0.0723	-0.1150	0.1150	0.0462	-0.0585	-0.1458	R-105
	0.0348	0.0027	-0.0633	0.1300	0.0932	-0.0677	-0.1508	R-106
	-0.0104	0.0383	-0.0054	0.0838	0.0347	-0.0787	-0.1444	R-107
	-0.0174	0.0574	0.0227	0.0581	0.0237	-0.0523	-0.0808	R-108
	-0.0373	-0.0307	-0.0616	0.0883	0.0491	0.0078	-0.0703	R-109
	-0.0263	0.0336	0.0239	0.0410	-0.0105	-0.0608	-0.1151	R-110
	-0.0052	0.1351	0.1476	-0.0201	-0.0180	-0.0645	-0.0493	R-111
	-0.0529	0.1324	0.1329	0.0232	-0.0273	0.0299	0.0555	R-112
	0.0014	0.0793	0.0630	-0.0007	-0.0045	-0.0597	0.0158	R-113
	0.0097	0.0884	0.0884	0.0280	0.0152	-0.0151	-0.0103	R-114
	-0.0116	-0.0909	-0.1659	0.3030	0.1281	0.0654	-0.1142	R-115
INFORMATION TEST II	-0.0142	-0.0251	-0.0318	0.1074	0.0349	-0.0165	-0.1681	R-131
	-0.0164	-0.0381	-0.0528	0.0694	0.0382	-0.0208	-0.1101	R-132
	-0.0274	-0.0116	-0.0445	0.0855	0.0362	-0.0154	-0.1169	R-133
	-0.0123	0.0541	0.0455	0.0736	0.0120	-0.0071	-0.0237	R-134
	0.0182	-0.0028	-0.0128	0.0601	0.0359	-0.0189	-0.0898	R-135
	0.0005	-0.0662	-0.0839	0.0908	0.0531	-0.0145	-0.1232	R-136
	-0.0337	-0.0586	-0.0665	0.0919	0.0322	-0.0210	-0.1415	R-137
	0.0353	-0.0519	-0.0615	0.1032	0.0501	0.0115	-0.0936	R-138
	0.0027	-0.0298	-0.0387	0.0675	0.0377	0.0027	-0.0617	R-139
	-0.0293	-0.0267	-0.0290	0.1212	0.0316	0.0473	-0.0292	R-140
	0.0164	-0.0095	-0.0155	0.0315	0.0352	-0.0102	-0.0271	R-141
	0.0487	-0.0555	-0.0664	0.0573	0.0528	-0.0696	-0.0920	R-142
	0.0118	0.0155	0.0030	0.0339	0.0363	0.0167	-0.0457	R-143
	0.0237	0.0022	-0.0201	0.0696	0.0525	0.0341	-0.0245	R-144
	-0.0229	0.1061	0.1061	0.0321	-0.0331	0.0237	0.0814	R-145
	-0.0201	0.0746	0.0744	0.0863	-0.0052	0.0337	0.0118	R-146
	-0.0023	0.0463	0.0203	0.1599	0.0436	0.0133	-0.0522	R-147
	0.0061	0.0266	0.0231	0.0709	0.0339	-0.0198	-0.0757	R-148
	0.0138	-0.0050	-0.0345	0.1427	0.0385	0.0089	-0.1084	R-149
	0.0079	-0.0672	-0.0812	0.1063	0.0590	0.0055	-0.1564	R-150
	0.0364	-0.0279	-0.0163	0.0894	0.0581	0.0382	-0.0856	R-151
	0.0043	-0.0372	-0.0506	0.1008	0.0396	-0.0172	-0.1171	R-152
	-0.0238	-0.0364	-0.0587	0.0986	0.0426	-0.0106	-0.1154	R-162
ENGLISH TEST	-0.0190	0.0143	-0.0102	0.0266	0.0101	-0.0194	-0.0303	R-211
	0.0038	-0.0060	-0.0583	0.0920	0.0588	-0.0347	-0.1079	R-212
	0.0264	-0.0258	-0.0497	0.1307	0.0918	0.0377	-0.1054	R-220
	0.0040	-0.0741	-0.1216	0.0850	0.0577	-0.0612	-0.1329	R-231
	-0.0428	-0.0546	-0.0750	0.0811	0.0396	-0.0467	-0.0763	R-232
	0.0023	-0.0426	-0.0978	0.0653	0.0591	-0.0816	-0.1311	R-233
	-0.0219	-0.0453	-0.0890	0.0682	0.0403	-0.0581	-0.1237	R-234
	-0.0521	-0.0441	-0.1021	0.0810	0.0507	-0.0397	-0.1103	R-235
	0.0337	-0.0181	-0.0831	0.0844	0.0757	-0.0650	-0.1325	R-240
	-0.0429	-0.0735	-0.1121	0.1249	0.0467	-0.0656	-0.1647	R-250
	0.0005	0.0585	0.0429	0.0790	0.0437	-0.0119	-0.0736	R-260
	-0.0435	0.1210	0.0937	0.0443	-0.0002	-0.0120	-0.0093	R-270
MATH TEST	-0.0088	0.0768	0.0555	0.0871	0.0334	0.0333	-0.0078	R-281
	-0.0279	0.1250	0.1086	0.0159	0.0014	-0.0383	-0.0323	R-282
	-0.0326	0.0335	-0.0189	0.0906	0.0429	-0.0433	-0.0984	R-290
	-0.0261	0.0011	-0.0571	0.0937	0.0450	-0.0324	-0.0817	R-311
	0.0132	-0.0114	-0.0849	0.1255	0.0792	-0.0641	-0.1352	R-312
	0.0322	0.0094	-0.0494	0.1150	0.0727	-0.0552	-0.1320	R-333
	-0.0507	-0.0671	-0.1100	0.1072	0.0407	-0.0253	-0.0657	F-410
	0.0009	0.0109	-0.0046	0.0819	0.0380	0.0587	-0.0133	F-420
	0.0357	-0.0072	-0.0234	0.1292	0.0682	0.0633	-0.0487	F-430
	0.0110	0.0397	0.0496	0.0990	0.0384	0.0862	-0.0061	F-440
	0.0473	-0.0422	-0.0725	0.1528	0.0973	0.0008	-0.0413	A-410
	0.0800	0.0289	0.0364	0.0691	0.0771	0.0901	0.0225	A-420
	0.1099	0.0188	0.0486	0.1012	0.0840	0.0767	-0.0012	A-430
	0.0658	0.0570	0.0876	0.0898	0.0621	0.0985	0.0200	A-440
	0.0897	0.0080	0.0536	0.0612	0.0647	0.0546	0.0399	A-500
INTEREST INVENTORY	0.1598	0.2308	0.2021	0.1875	0.0896	-0.0013	-0.0323	P-701
	0.2148	0.1966	0.1698	0.2202	0.1275	0.0368	-0.0537	P-702
	0.2166	0.1030	0.0676	0.1723	0.1410	0.0743	-0.0131	P-703
	0.2388	0.1304	0.1005	0.1377	0.1351	0.0200	-0.0767	P-704
	0.2421	0.1521	0.1292	0.1399	0.1546	-0.0041	-0.0108	P-705
	0.1623	0.2305	0.2369	0.0848	0.0820	0.0348	-0.0284	P-706
	0.2286	0.1441	0.1599	0.0205	0.0720	0.0013	-0.0324	P-707
	0.1142	0.0793	0.0415	0.4836	0.1749	0.1295	0.0273	P-708
	0.0352	0.1749	0.1935	0.2079	0.0216	0.0462	0.0981	P-709
	0.2004	0.1433	0.1060	0.1735	0.1358	0.1373	0.0599	P-710
	0.1598	0.1203	0.0735	0.1102	0.0940	0.0875	0.0565	P-711
	0.1565	0.1481	0.0885	0.1012	0.0845	0.0166	0.0498	P-712
	0.1235	0.1560	0.1077	0.0080	0.0234	-0.0332	0.0565	P-713
	0.0443	0.3020	0.3205	0.0378	-0.0367	0.0321	0.1556	P-714
	0.0255	0.2270	0.2283	-0.0014	-0.0439	0.0132	0.1663	P-715
	0.0324	0.2159	0.2280	0.0715	-0.0043	-0.0588	0.1141	P-716
	0.0103	0.1586	0.1506	-0.0204	-0.0483	0.0106	0.1465	P-717
STDNT ACTIV INVEN	0.2257	0.0469	0.0689	0.2886	0.1941	0.2804	0.0808	R-601
	0.2302	0.0770	0.1321	0.1803	0.1781	0.0994	0.0127	R-602
	0.0979	-0.0117	0.0603	0.0950	0.0602	0.1155	0.0522	R-603
	0.2075	0.0893	0.1331	0.3607	0.1961	0.1317	0.0982	R-604
	0.1779	0.0732	0.1167	0.1736	0.1544	0.0443	0.0220	R-605
	0.1845	0.0686	0.1271	0.1732	0.1249	0.0633	0.0200	R-606
	0.2884	0.1231	0.1844	0.1707	0.1815	0.0808	0.0144	R-607
	0.3167	0.0904	0.1378	0.2307	0.3347	0.1578	0.0375	R-608
	0.1786	0.0734	0.1035	0.1792	0.1604	0.1262	0.0240	R-609
	0.2457	0.1145	0.1928	0.1848	0.1783	0.0321	0.0736	R-610
STUDENT INFO BLANK SCALES	0.1026	0.0068	-0.0453	0.1812	0.1444	-0.0090	-0.1287	D-802
	0.1060	-0.0012	-0.0380	0.1980	0.1441	-0.0051	-0.1355	F-803
	0.1978	0.0297	0.0294	0.1312	0.1790	-0.0397	-0.1044	P-820
	0.2396	0.2104	0.2030	0.1786	0.1941	0.1311	0.0817	F-822
	0.2015	0.1848	0.1855	0.2220	0.1711	0.1574	0.0720	F-823
	0.1543	0.0646	0.0589	0.1301	0.1208	-0.1240	-0.1115	P-827
	0.1767	0.0384	0.0350	0.1186	0.1393	0.0446	-0.0910	P-828
	0.0832	-0.0139	-0.0092	0.1167	0.0830	0.0105	-0.0857	P-829
	0.1811	0.1395	0.1750	0.1275	0.0855	0.0183	0.0033	F-830
	0.8745	0.3799	0.3775	0.1885	0.2694	0.1241	0.0913	P-831
		0.3658	0.4206	0.2320	0.2964	0.1515	0.0954	F-832
	0.3658		0.7769	0.2486	0.1725	0.0705	0.1573	P-833
	0.4206	0.7769		0.2586	0.1555	0.0816	0.1866	F-834
	0.2320	0.2486	0.2586		0.2337	0.2270	0.0801	F-835
	0.2964	0.1725	0.1555	0.2337		0.1820	0.0677	F-836
	0.1515	0.0705	0.0816	0.2270	0.1820		0.1776	F-837
	0.0954	0.1573	0.1866	0.0801	0.0677	0.1776		F-838

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TABLE 6.2

INTERCORRELATIONS OF 109 COGNITIVE AND NON-COGNITIVE VARIABLES. DATA BASED ON 11TH GRADE FEMALES.

			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110
INFORMATION TEST I	R-101	SCREENING		0.2278	0.2329	0.2417	0.2859	0.1787	0.1820	0.1794	0.2197	0.0930
	R-102	VOCABULARY I	0.2278		0.4843	0.4516	0.5022	0.3877	0.4094	0.3880	0.3859	0.2478
	R-103	LITERATURE	0.2329	0.4843		0.6263	0.6924	0.5905	0.5858	0.5198	0.4515	0.3786
	R-104	MUSIC	0.2417	0.4516	0.6263		0.6000	0.5165	0.5186	0.4427	0.4029	0.3457
	R-105	SOCIAL STUDIES	0.2859	0.5022	0.6924	0.6000		0.5884	0.6169	0.5447	0.4682	0.3525
	R-106	MATHEMATICS	0.1787	0.3877	0.5905	0.5165	0.5884		0.6463	0.4737	0.4175	0.3097
	R-107	PHYSICAL SCIENCES	0.1820	0.4094	0.5858	0.5186	0.6169	0.6463		0.5673	0.4176	0.4007
	R-108	BIOLOGICAL SCIENCES	0.1794	0.3880	0.5198	0.4427	0.5447	0.4737	0.5673		0.3887	0.3246
	R-109	SCIENTIFIC ATTITUDE	0.2197	0.3859	0.4515	0.4029	0.4682	0.4175	0.4176	0.3887		0.2489
	R-110	AERONAUTICS AND SPACE	0.0930	0.2478	0.3785	0.3457	0.3525	0.3097	0.4007	0.3246	0.2489	
	R-111	ELECTRICITY,ELECTRONICS	0.1406	0.2564	0.3388	0.3144	0.3726	0.3828	0.5097	0.3483	0.2557	0.3455
	R-112	MECHANICS	0.1718	0.3248	0.3405	0.3372	0.3808	0.3303	0.4406	0.3996	0.3053	0.3418
	R-113	FARMING	0.2115	0.3767	0.4148	0.3786	0.4700	0.3486	0.4514	0.4731	0.3608	0.2773
	R-114	HOME ECONOMICS	0.2416	0.3293	0.3288	0.3514	0.3997	0.3007	0.3779	0.3736	0.3277	0.2192
	R-115	SPORTS	0.1905	0.2984	0.4483	0.4531	0.4832	0.4253	0.4310	0.3457	0.3271	0.3314
INFORMATION TEST II	R-131	ART	0.2189	0.4545	0.6341	0.5662	0.5810	0.4554	0.4839	0.4390	0.4086	0.3436
	R-132	LAW	0.1615	0.3529	0.4876	0.4297	0.5039	0.3982	0.4163	0.3707	0.3625	0.3180
	R-133	HEALTH	0.2284	0.4006	0.4412	0.4328	0.4764	0.3736	0.4201	0.4239	0.3656	0.2438
	R-134	ENGINEERING	0.1457	0.2675	0.3066	0.3186	0.3374	0.2950	0.3647	0.3206	0.2621	0.2625
	R-135	ARCHITECTURE	0.1423	0.2865	0.4399	0.3759	0.4309	0.3537	0.3787	0.3281	0.2740	0.2477
	R-136	JOURNALISM	0.1662	0.3768	0.4657	0.4347	0.4742	0.3804	0.3738	0.3211	0.3180	0.2447
	R-137	FOREIGN TRAVEL	0.1526	0.3772	0.5590	0.4944	0.5598	0.4122	0.4542	0.4156	0.3500	0.3275
	R-138	MILITARY	0.1065	0.2524	0.3808	0.3497	0.3774	0.3222	0.3155	0.2655	0.2350	0.2731
	R-139	ACCOUNTING,BUSINESS,SALES	0.1769	0.3863	0.4731	0.4357	0.4984	0.3783	0.3881	0.3340	0.3744	0.2624
	R-140	PRACTICAL KNOWLEDGE	0.2287	0.2974	0.3293	0.3182	0.3533	0.2755	0.2772	0.2396	0.2765	0.1771
	R-141	CLERICAL	0.2327	0.1985	0.1806	0.1993	0.2241	0.0833	0.1375	0.1393	0.1657	0.0920
	R-142	BIBLE	0.1541	0.3337	0.4810	0.3891	0.4848	0.3744	0.4103	0.3923	0.3394	0.2624
	R-143	COLORS	0.1272	0.2936	0.3839	0.3862	0.3605	0.3439	0.3181	0.2970	0.2724	0.1679
	R-144	ETIQUETTE	0.1643	0.2266	0.2639	0.2891	0.2930	0.2860	0.2605	0.2178	0.2468	0.1323
	R-145	HUNTING	0.0468	0.0347	0.0488	0.0398	0.0602	0.0336	0.0717	0.0757	0.0467	0.0876
	R-146	FISHING	0.0423	0.0498	0.0554	0.0439	0.0540	0.0536	0.0719	0.0994	0.0518	0.0836
	R-147	OUTDOOR ACTIVITIES(OTHER)	0.1967	0.3381	0.4065	0.3918	0.4190	0.3849	0.4015	0.3724	0.3438	0.2763
	R-148	PHOTOGRAPHY	0.1659	0.2150	0.2228	0.2254	0.2282	0.2010	0.1988	0.1724	0.2011	0.1353
	R-149	GAMES(SEDENTARY)	0.1249	0.1793	0.2860	0.2594	0.2685	0.2723	0.2553	0.1939	0.2066	0.1723
	R-150	THEATER,BALLET	0.2250	0.4297	0.5933	0.5694	0.5412	0.4543	0.4348	0.3719	0.3995	0.3224
	R-151	FOODS	0.1480	0.3306	0.4247	0.4202	0.3775	0.3379	0.2968	0.2735	0.2907	0.2003
	R-152	MISCELLANEOUS	0.2043	0.3782	0.5232	0.4796	0.5251	0.4562	0.4648	0.4010	0.3562	0.2875
	R-162	VOCABULARY II	0.2251	0.4851	0.5695	0.5392	0.5906	0.4835	0.4868	0.4513	0.4406	0.3063
	R-211	MEMORY FOR SENTENCES	0.0805	0.1649	0.2063	0.1539	0.2183	0.2309	0.2210	0.2003	0.1755	0.1023
	R-212	MEMORY FOR WORDS	0.1380	0.3060	0.4017	0.3603	0.4083	0.4124	0.3682	0.3233	0.3045	0.1700
	R-220	DISGUISED WORDS	0.2146	0.3718	0.4563	0.4608	0.4072	0.3932	0.3615	0.3195	0.3414	0.2191
ENGLISH TEST	R-231	SPELLING	0.1917	0.2969	0.3815	0.3711	0.3936	0.3830	0.3120	0.2719	0.2574	0.1341
	R-232	CAPITALIZATION	0.2024	0.2746	0.2842	0.2663	0.3248	0.2729	0.2561	0.2183	0.2509	0.1251
	R-233	PUNCTUATION	0.2209	0.4263	0.5047	0.4723	0.5373	0.5523	0.4789	0.4094	0.4243	0.2328
	R-234	USAGE	0.1922	0.3607	0.4474	0.4140	0.4389	0.4394	0.3843	0.3469	0.3478	0.2103
	R-235	EFFECTIVE EXPRESSION	0.1596	0.3403	0.3841	0.3692	0.3953	0.3566	0.3311	0.3013	0.3549	0.1929
	R-240	WORD FUNCTIONS IN SENTENCES	0.1781	0.3850	0.5149	0.4558	0.5311	0.6171	0.5086	0.4320	0.4229	0.2361
	R-250	READING COMPREHENSION	0.2621	0.5544	0.6808	0.5934	0.6919	0.5824	0.5816	0.5407	0.5502	0.3504
	R-260	CREATIVITY	0.1766	0.3699	0.4717	0.4379	0.4572	0.4226	0.4510	0.4047	0.4000	0.3217
	R-270	MECHANICAL REASONING	0.1490	0.3099	0.3792	0.3692	0.3894	0.4394	0.4716	0.3898	0.3654	0.3399
	R-281	VISUALIZATION IN 2-DIMENSIONS	0.1322	0.1916	0.2186	0.2193	0.2379	0.2805	0.2592	0.2076	0.2286	0.1735
	R-282	VISUALIZATION IN 3-DIMENSIONS	0.1140	0.2596	0.3152	0.2969	0.3430	0.3917	0.3920	0.3200	0.3050	0.2275
	R-290	ABSTRACT REASONING	0.1877	0.3511	0.4049	0.3936	0.4251	0.4512	0.4112	0.3335	0.3820	0.2226
MATH TEST	R-311	ARITHMETIC REASONING	0.1890	0.4118	0.4903	0.4350	0.5502	0.5896	0.5181	0.4248	0.4647	0.2510
	R-312	INTRODUCTORY HIGH SCHOOL MATH	0.1712	0.3672	0.5266	0.4578	0.5436	0.8026	0.5799	0.4268	0.3963	0.2717
	R-333	ADVANCED MATH	0.1140	0.2413	0.4094	0.3506	0.4010	0.6700	0.4568	0.3214	0.2997	0.2295
	F-410	ARITHMETIC COMPUTATION	0.1967	0.2614	0.2875	0.2753	0.3419	0.3783	0.2905	0.2221	0.2487	0.1025
	F-420	TABLE READING	0.0831	0.0537	0.0519	0.0571	0.0538	0.0662	0.0386	0.0095	0.0465	0.0141
	F-430	CLERICAL CHECKING	0.1193	0.1283	0.1677	0.1621	0.1466	0.1824	0.1244	0.0955	0.1226	0.0534
	F-440	OBJECT INSPECTION	0.1027	0.1103	0.1364	0.1458	0.1210	0.1319	0.1151	0.0905	0.1266	0.0835
	A-410	ARITHMETIC COMPUTATION	0.2134	0.2214	0.2752	0.2687	0.3222	0.4134	0.3029	0.2055	0.2172	0.1102
	A-420	TABLE READING	0.0546	0.0167	0.0417	0.0452	0.0311	0.0872	0.0399	-0.0039	0.0168	0.0126
	A-430	CLERICAL CHECKING	0.0382	-0.0384	0.0044	0.0113	-0.0285	0.0380	-0.0060	-0.0312	-0.0359	-0.0209
	A-440	OBJECT INSPECTION	0.0731	0.0353	0.0629	0.0766	0.0409	0.0665	0.0530	0.0302	0.0442	0.0517
	A-500	PREFERENCES	0.0821	-0.0360	-0.0175	-0.0278	-0.0305	-0.0564	-0.0369	-0.0355	-0.0548	-0.0015
INTEREST INVENTORY	P-701	PHYSICAL SCIENCE,ENGRNG.,MATH	0.0089	0.1017	0.2561	0.1912	0.2601	0.3864	0.3658	0.2639	0.1529	0.2066
	P-702	BIOLOGICAL SCIENCE & MEDICINE	0.0044	0.1209	0.2456	0.2034	0.2232	0.3006	0.3138	0.2881	0.1318	0.1761
	P-703	PUBLIC SERVICE	0.0039	0.0379	0.1700	0.1209	0.1729	0.1684	0.1382	0.0963	0.0584	0.0888
	P-704	LITERARY,LINGUISTICS	0.0490	0.1517	0.3529	0.2901	0.2993	0.2870	0.2649	0.2392	0.1988	0.1527
	P-705	SOCIAL SERVICE	0.0326	0.0226	0.0807	0.0910	0.0932	0.1479	0.0733	0.0467	0.0534	-0.0082
	P-706	ARTISTIC	0.0395	0.1362	0.2833	0.2480	0.2246	0.2046	0.2362	0.2410	0.1837	0.1638
	P-707	MUSICAL	0.0155	0.0749	0.1870	0.3026	0.1502	0.1842	0.1761	0.1503	0.1046	0.1110
	P-708	SPORTS	0.0206	-0.0488	0.1201	0.0997	0.1270	0.1604	0.1410	0.1188	0.0803	0.0929
	P-709	HUNTING & FISHING	-0.0099	0.0104	0.1303	0.0845	0.1091	0.0958	0.1502	0.1799	0.0708	0.1390
	P-710	BUSINESS MANAGEMENT	-0.0006	-0.0209	0.0387	0.0357	0.0644	0.0573	0.0227	0.0105	0.0250	0.0143
	P-711	SALES	-0.0162	-0.0204	0.0066	0.0033	0.0246	-0.0017	-0.0174	-0.0219	-0.0003	-0.0087
	P-712	COMPUTATION	-0.0182	-0.0750	-0.1364	-0.1101	-0.0445	0.0039	-0.0459	-0.0835	-0.0633	-0.0680
	P-713	OFFICE WORK	-0.0192	-0.1805	-0.3170	-0.2460	-0.2520	-0.3155	-0.2888	-0.2491	-0.1858	-0.1905
	P-714	MECHANICAL,TECHNICAL	-0.0404	-0.0145	0.0576	0.0315	0.0611	0.0922	0.1207	0.0984	0.0196	0.1007
	P-715	SKILLED TRADES	-0.0536	-0.0882	-0.0764	-0.0718	-0.0594	-0.0545	-0.0213	-0.0055	-0.0603	-0.0041
	P-716	FARMING	-0.0066	0.0302	0.1341	0.0836	0.1278	0.0934	0.1495	0.1774	0.0927	0.1479
	P-717	LABOR	-0.0500	-0.0913	-0.0884	-0.0804	-0.0577	-0.0572	-0.0246	-0.0194	-0.0552	-0.0122
STDNT ACTIV INVEN	R-601	SOCIABILITY	0.1204	-0.0125	-0.0130	0.0436	-0.0195	0.0004	-0.0481	-0.0396	0.0216	-0.0438
	R-602	SOCIAL SENSITIVITY	0.1254	0.1042	0.1572	0.1671	0.1328	0.1351	0.1086	0.1063	0.1300	0.0551
	R-603	IMPULSIVENESS	0.0551	0.0512	0.1442	0.1223	0.0977	0.0726	0.0872	0.0872	0.0723	0.0846
	R-604	VIGOR	0.0961	0.0197	0.0879	0.1232	0.0918	0.1344	0.0918	0.0879	0.0739	0.0394
	R-605	CALMNESS	0.1117	0.0897	0.1368	0.1570	0.1353	0.1674	0.1355	0.1181	0.1119	0.0652
	R-606	TIDINESS	0.1254	0.0473	0.0210	0.0804	0.0452	0.0631	0.0206	0.0162	0.0139	-0.0327
	R-607	CULTURE	0.1390	0.1144	0.2081	0.2424	0.1791	0.2055	0.1564	0.1504	0.1328	0.0646
	R-608	LEADERSHIP	0.0438	0.0191	0.0973	0.1427	0.0884	0.1493	0.1007	0.0868	0.0636	0.0258
	R-609	SELF-CONFIDENCE	0.0913	0.0712	0.1248	0.1436	0.1085	0.1518	0.1168	0.0921	0.1016	0.0620
	R-610	MATURE PERSONALITY	0.1311	0.1215	0.2078	0.2183	0.2227	0.2744	0.2197	0.1778	0.1404	0.0831
STUDENT INFO BLANK SCALES	D-802	HS CURRIC-ACAD VS OTHER	0.0996	0.2851	0.4524	0.4029	0.4229	0.6145	0.4407	0.3412	0.2859	0.2017
	F-803	HS COURSES(ACAD ORIENT)	0.1231	0.3202	0.5016	0.4327	0.4695	0.6685	0.4882	0.3730	0.3245	0.2271
	P-820	HIGH SCHOOL GRADES	0.1102	0.2230	0.3516	0.3085	0.4010	0.4578	0.3800	0.3087	0.2407	0.1501
	F-822	GUIDANCE RECD IN HS	0.0075	0.0359	0.1132	0.1325	0.0966	0.1272	0.0938	0.0566	0.0581	0.0657
	F-823	GUIDANCE RECD ELSEWHERE	0.0695	0.1019	0.1549	0.1549	0.1608	0.1800	0.1284	0.1014	0.1387	0.0553
	P-827	STUDY HABITS & ATTITUDES	0.1020	0.1867	0.2589	0.2374	0.2984	0.3269	0.2523	0.2093	0.1725	0.1054
	P-828	SELF-PERCEP OF WRTG SKILLS	0.0839	0.2002	0.2882	0.2930	0.2707	0.2786	0.2439	0.2231	[illegible]	0.1278
	P-829	SELF-PERCEP OF RDNG SKILLS	0.0999	0.2195	0.3418	0.2765	0.3351	0.2580	0.2710	0.2595	[illegible]	0.1661
	F-830	AMT OF EX-CURR RDNG	0.0554	0.1150	0.2848	0.2100	0.2287	0.1911	0.2148	0.1846	0.1418	0.1569
	P-831	VAR OF EX-CURR GRP ACT	-0.0254	-0.0268	0.0588	0.0955	0.0296	0.1275	0.0663	[illegible]	0.0107	0.0164
	F-832	VAR PARTIC IN EX-CURR GRP ACT	-0.0029	0.0023	0.0951	0.1485	0.0705	0.1620	[illegible]	0.0779	0.0500	0.0384
	P-833	VARIETY OF HOBBIES	-0.0039	-0.0305	0.0758	0.0796	0.0546	0.1091	0.1212	0.1014	0.0493	0.0901
	F-834	DEGREE OF ACT IN HOBBIES	0.0084	-0.0444	0.0718	0.0924	0.0490	0.0843	0.1114	0.1040	0.0361	0.0820
	F-835	PARTICIPATION IN SPORTS	[illegible]	-0.0983	0.1047	0.1052	0.0868	0.1226	0.0854	0.0583	0.0852	0.0803
	F-836	LEADERSHIP ROLES	0.0246	0.0109	0.0729	0.1313	0.0760	0.1130	0.0892	[illegible]	0.0787	[illegible]
	F-837	SOCIAL LIFE	0.0390	0.0257	0.0009	0.0572	[illegible]	-0.0215	-0.0386	[illegible]	0.0827	[illegible]
	F-838	WORK ACTIVITIES	0.0028	-0.0537	-0.0650	-0.0538	[illegible]	-0.0556	-0.0330	[illegible]	-0.0077	[illegible]

TABLE 6.2 (continued)

		R-111	R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135	R-136	R-137	R-138
INFORMATION TEST I	R-101	0.1406	0.1718	0.2115	0.2416	0.1905	0.2189	0.1615	0.2284	0.1457	0.1423	0.1662	0.1526	0.1065
	R-102	0.2564	0.3248	0.3767	0.3283	0.2984	0.4545	0.3529	0.4006	0.2675	0.2865	0.3768	0.3772	0.2524
	R-103	0.3388	0.3405	0.4148	0.3288	0.4483	0.6341	0.4876	0.4412	0.3066	0.4399	0.4657	0.5590	0.3803
	R-104	0.3144	0.3372	0.3786	0.3514	0.4531	0.5662	0.4297	0.4328	0.3186	0.3758	0.4347	0.4944	0.3497
	R-105	0.3726	0.3808	0.4700	0.3997	0.4832	0.5810	0.5039	0.4764	0.3374	0.4309	0.4742	0.5598	0.3774
	R-106	0.3828	0.3303	0.3486	0.3007	0.4253	0.4554	0.3982	0.3736	0.2950	0.3537	0.3804	0.4122	0.3272
	R-107	0.5097	0.4406	0.4514	0.3779	0.4310	0.4839	0.4163	0.4201	0.3647	0.3787	0.3738	0.4542	0.3155
	R-108	0.3483	0.3996	0.4731	0.3736	0.3457	0.4390	0.3707	0.4239	0.3206	0.3281	0.3211	0.4155	0.2655
	R-109	0.2557	0.3053	0.3608	0.3277	0.3271	0.4086	0.3625	0.3656	0.2621	0.2740	0.3180	0.3500	0.2350
	R-110	0.3455	0.3418	0.2773	0.2192	0.3314	0.3436	0.3180	0.2438	0.2625	0.2477	0.2447	0.3275	0.2731
	R-111		0.4176	0.3164	0.2781	0.3058	0.2972	0.2750	0.2739	0.2943	0.2596	0.2308	0.2811	0.2020
	R-112	0.4176		0.4866	0.4153	0.3594	0.3330	0.3235	0.3123	0.3818	0.2626	0.2609	0.3004	0.2364
	R-113	0.3164	0.4866		0.4260	0.3919	0.3613	0.3376	0.3720	0.3495	0.2802	0.2959	0.3517	0.2268
	R-114	0.2781	0.4153	0.4260		0.3013	0.3216	0.2850	0.3521	0.3122	0.2575	0.2626	0.2917	0.1951
	R-115	0.3058	0.3594	0.3919	0.3013		0.3936	0.3760	0.3102	0.2910	0.2922	0.3492	0.3821	0.3098
INFORMATION TEST II	R-131	0.2972	0.3330	0.3613	0.3216	0.3936		0.4488	0.4419	0.3181	0.4032	0.4396	0.5115	0.3380
	R-132	0.2750	0.3235	0.3376	0.2850	0.3760	0.4488		0.3534	0.2741	0.2959	0.3671	0.3925	0.3213
	R-133	0.2739	0.3123	0.3720	0.3521	0.3102	0.4419	0.3534		0.2956	0.2875	0.3538	0.3678	0.2477
	R-134	0.2943	0.3818	0.3495	0.3122	0.2910	0.3181	0.2741	0.2956		0.2409	0.2420	0.2700	0.2049
	R-135	0.2596	0.2626	0.2802	0.2575	0.2922	0.4032	0.2959	0.2875	0.2409		0.2946	0.3550	0.2447
	R-136	0.2308	0.2609	0.2959	0.2626	0.3492	0.4396	0.3671	0.3538	0.2420	0.2946		0.3740	0.2843
	R-137	0.2811	0.3004	0.3517	0.2917	0.3821	0.5115	0.3925	0.3678	0.2700	0.3550	0.3740		0.3175
	R-138	0.2020	0.2364	0.2268	0.1951	0.3098	0.3380	0.3213	0.2477	0.2049	0.2447	0.2843	0.3175	
	R-139	0.2647	0.3341	0.3331	0.3273	0.3565	0.4767	0.4164	0.3753	0.2744	0.3098	0.4035	0.3992	0.2986
	R-140	0.1881	0.2513	0.2521	0.2813	0.2796	0.3450	0.2821	0.3156	0.2437	0.2323	0.2885	0.2758	0.2013
	R-141	0.1280	0.1971	0.2176	0.2036	0.1768	0.2190	0.1710	0.2547	0.1740	0.1342	0.1972	0.1588	0.1350
	R-142	0.2267	0.2731	0.3665	0.2776	0.2817	0.3852	0.3754	0.3161	0.2518	0.2894	0.2962	0.3466	0.2650
	R-143	0.1736	0.2313	0.2536	0.2936	0.2508	0.3789	0.2605	0.2983	0.2093	0.2661	0.2841	0.3065	0.2141
	R-144	0.1577	0.1796	0.2261	0.2505	0.2238	0.2537	0.2142	0.2343	0.1850	0.1778	0.1997	0.2199	0.1510
	R-145	0.1183	0.1538	0.1383	0.0903	0.0864	0.0558	0.0615	0.0525	0.0965	0.0627	0.0388	0.0475	0.0420
	R-146	0.0935	0.1220	0.1078	0.0748	0.0934	0.0442	0.0654	0.0607	0.0784	0.0543	0.0436	0.0347	0.0512
	R-147	0.2823	0.3471	0.3726	0.3302	0.3743	0.3892	0.3218	0.3457	0.3274	0.2675	0.2951	0.3372	0.2427
	R-148	0.1564	0.1808	0.1947	0.1749	0.1869	0.2587	0.1834	0.2370	0.1950	0.1678	0.1972	0.1808	0.1426
	R-149	0.1628	0.1734	0.1518	0.1616	0.2444	0.2725	0.2081	0.2007	0.1594	0.1678	0.1950	0.2115	0.1653
	R-150	0.2634	0.2806	0.3358	0.2935	0.4169	0.5886	0.4383	0.4220	0.2835	0.3508	0.4541	0.4758	0.3355
	R-151	0.1913	0.2037	0.2067	0.3182	0.2823	0.4352	0.2900	0.3175	0.1891	0.2733	0.3241	0.3467	0.2416
	R-152	0.2900	0.3203	0.3358	0.3289	0.3785	0.4833	0.3834	0.4003	0.2782	0.3387	0.3693	0.4231	0.3078
	R-162	0.2997	0.3689	0.4097	0.3917	0.3997	0.5974	0.4984	0.5079	0.3274	0.3650	0.5316	0.4604	0.3204
ENGLISH TEST	R-211	0.1329	0.1426	0.1742	0.1302	0.1433	0.18[illegible]	0.1701	0.1580	0.1187	0.1390	0.1479	0.1476	0.0921
	R-212	0.2054	0.2173	0.2792	0.2213	0.2710	0.3512	0.2943	0.2921	0.1921	0.2551	0.2732	0.2999	0.1871
	R-220	0.1994	0.2393	0.2871	0.2656	0.3035	0.4542	0.3046	0.3619	0.2249	0.2791	0.3458	0.3644	0.2319
	R-231	0.1708	0.1656	0.2599	0.2039	0.2647	0.3158	0.2470	0.3107	0.1724	0.2484	0.3037	0.2949	0.1937
	R-232	0.1488	0.1817	0.2439	0.2073	0.2106	0.2660	0.2175	0.2661	0.1697	0.1763	0.2269	0.2115	0.1376
	R-233	0.2521	0.2895	0.3867	0.3297	0.3549	0.4261	0.3663	0.3998	0.2690	0.3127	0.3735	0.3764	0.2652
	R-234	0.2089	0.2355	0.3143	0.2701	0.2811	0.3982	0.3193	0.3414	0.2087	0.2688	0.3249	0.3383	0.2240
	R-235	0.1755	0.2212	0.2742	0.2459	0.2656	0.3635	0.2892	0.3214	0.2142	0.2316	0.3006	0.2923	0.1894
	R-240	0.2621	0.2817	0.3602	0.3072	0.3592	0.4093	0.3657	0.3644	0.2671	0.3227	0.3607	0.3777	0.2620
	R-250	0.3294	0.3842	0.4756	0.3853	0.4415	0.6175	0.5019	0.5040	0.3533	0.4082	0.4832	0.5241	0.3481
MATH TEST	R-260	0.3124	0.3992	0.3859	0.3531	0.3603	0.4590	0.3647	0.3561	0.3302	0.3114	0.3513	0.3815	0.2776
	R-270	0.3235	0.3993	0.3640	0.3345	0.3298	0.3694	0.3071	0.2897	0.3209	0.2571	0.2501	0.3236	0.2236
	R-281	0.1670	0.2435	0.2236	0.2022	0.2170	0.2393	0.1890	0.1697	0.1872	0.1408	0.1519	0.1806	0.1366
	R-282	0.2466	0.3244	0.3076	0.3083	0.2523	0.3051	0.2458	0.2265	0.2552	0.2240	0.2083	0.2631	0.1802
	R-290	0.2248	0.2775	0.3075	0.3100	0.3041	0.3877	0.2830	0.3122	0.2512	0.2548	0.2850	0.3149	0.2018
	R-311	0.3093	0.3595	0.3917	0.3756	0.3715	0.4234	0.3885	0.3850	0.2966	0.3122	0.3708	0.3727	0.2615
	R-312	0.3258	0.2961	0.3381	0.2895	0.3904	0.4071	0.3628	0.3505	0.2700	0.3091	0.3493	0.3755	0.2661
	R-333	0.2771	0.2177	0.2172	0.1929	0.2856	0.3251	0.2729	0.2466	0.2030	0.2445	0.2523	0.2823	0.2027
	F-410	0.1801	0.1979	0.2463	0.2190	0.2649	0.2406	0.1986	0.2587	0.1822	0.1872	0.2382	0.2193	0.1478
	F-420	0.0331	0.0322	0.0187	0.0329	0.0590	0.0730	0.0460	0.0576	0.0213	0.0319	0.0620	0.0467	0.0397
	F-430	0.0766	0.0671	0.0743	0.0699	0.1144	0.1775	0.0975	0.1286	0.0602	0.1009	0.1360	0.1213	0.0826
	F-440	0.0632	0.0992	0.0800	0.1025	0.1111	0.1828	0.0932	0.1230	0.0866	0.0851	0.1013	0.1103	0.0804
	A-410	0.1963	0.1764	0.2246	0.1863	0.2793	0.2231	0.1847	0.2333	0.1773	0.1911	0.2145	0.2035	0.1544
	A-420	0.0361	0.0085	-0.0170	0.0083	0.0497	0.0464	0.0305	0.0264	0.0056	0.0193	0.0345	0.0278	0.0397
	A-430	0.0082	-0.0393	-0.0719	-0.0572	0.0001	0.0199	-0.0199	-0.0164	-0.0333	-0.0047	0.0012	-0.0025	0.0078
	A-440	0.0362	0.0534	0.0151	0.0451	0.0608	0.1060	0.0359	0.0476	0.0477	0.0465	0.0445	0.0582	0.0521
	A-500	0.0197	0.0066	0.0049	-0.0158	0.0127	-0.0019	-0.0040	-0.0073	-0.0059	-0.0242	-0.0205	-0.0175	0.0238
INTEREST INVENTORY	P-701	0.2459	0.1864	0.1471	0.1194	0.1868	0.1826	0.1777	0.1421	0.1449	0.1534	0.1322	0.1763	0.1536
	P-702	0.2022	0.1509	0.1380	0.1167	0.1586	0.1843	0.1575	0.1949	0.1265	0.1585	0.1315	0.1720	0.1386
	P-703	0.0850	0.0493	0.0324	0.0149	0.1361	0.1220	0.1451	0.0500	0.0450	0.1067	0.1143	0.1250	0.1177
	P-704	0.1352	0.1129	0.1534	0.0785	0.1880	0.2862	0.2484	0.1728	0.1209	0.2045	0.2252	0.2319	0.1778
	P-705	0.0361	0.0032	0.0093	0.0338	0.0839	0.0387	0.0658	0.0591	0.0248	0.0499	0.0684	0.0270	0.0562
	P-706	0.1349	0.1409	0.1514	0.1242	0.1379	0.3054	0.1859	0.1504	0.1490	0.2051	0.1599	0.2125	0.1379
	P-707	0.1013	0.0797	0.1046	0.0527	0.1035	0.1462	0.1190	0.0874	0.0873	0.1195	0.0968	0.1253	0.1033
	P-708	0.0980	0.1000	0.0858	0.0392	0.2491	0.0827	0.1056	0.0543	0.0836	0.0878	0.0697	0.0891	0.0972
	P-709	0.1090	0.1468	0.1424	0.0625	0.1334	0.0999	0.1056	0.0575	0.1078	0.0751	0.0410	0.1089	0.0716
	P-710	0.0273	0.0213	-0.0059	0.0056	0.0803	0.0401	0.0701	0.0039	0.0198	0.0376	0.0552	0.0222	0.0536
	P-711	0.0003	0.0128	-0.0178	0.0040	0.0411	0.0171	0.0409	-0.0185	0.0030	0.0179	0.0340	0.0131	0.0325
	P-712	0.0024	-0.0001	-0.0433	-0.0013	-0.0083	-0.1259	-0.0502	-0.0667	-0.0317	-0.0644	-0.0440	-0.1073	-0.0521
	P-713	-0.1494	-0.1136	-0.1328	-0.0832	-0.1476	-0.2640	-0.1829	-0.1685	-0.1152	-0.1747	-0.1581	-0.2362	-0.1708
	P-714	0.1199	0.1259	0.0694	0.0539	0.0739	0.0450	0.0564	0.0149	0.0656	0.0478	0.0218	0.0501	0.0546
	P-715	0.0131	0.0581	0.0199	0.0478	0.0025	-0.0713	-0.0385	-0.0636	0.0085	-0.0255	-0.0586	-0.0498	-0.0282
	P-716	0.1187	0.1774	0.1898	0.1185	0.1310	0.1085	0.1059	0.0624	0.1375	0.0815	0.0509	0.1151	0.0744
	P-717	0.0013	0.0464	0.0382	0.0370	0.0[illegible]	-0.0849	-0.0451	-0.0697	0.0111	-0.0347	-0.0671	-0.0443	-0.0363
STDNT ACTIV INVEN	R-601	-0.0172	-0.0193	-0.0238	0.0036	0.0626	0.0021	-0.0194	0.0325	0.0055	0.0005	0.0084	-0.0193	0.0020
	R-602	0.0709	0.0302	0.0524	0.0700	0.0628	0.1471	0.0932	0.1508	0.0534	0.0917	0.1147	0.1032	0.0738
	R-603	0.0499	0.0730	0.0754	0.0540	0.0971	0.1344	0.0990	0.0594	0.0574	0.0831	0.0925	0.1057	0.0982
	R-604	0.0725	0.0851	0.0876	0.0549	0.1784	0.0603	0.0500	0.0878	0.0847	0.0655	0.0511	0.0481	0.0546
	R-605	0.1121	0.1053	0.0999	0.1076	0.1239	0.1137	0.0959	0.1286	0.0956	0.0982	0.1031	0.0881	0.0914
	R-606	0.0267	0.0062	-0.0012	0.0587	0.0138	0.0343	-0.0012	0.0810	0.0332	0.0459	0.0434	0.0057	0.0061
	R-607	0.0952	0.0653	0.1036	0.1099	0.1176	0.1738	0.1133	0.1489	0.0871	0.1421	0.1304	0.1348	0.1090
	R-608	0.0615	0.0292	0.0453	0.0365	0.1255	0.0661	0.0595	0.0664	0.0381	0.0711	0.0753	0.0550	0.0782
	R-609	0.0864	0.0864	0.0797	0.0760	0.1229	0.1101	0.0920	0.0942	0.0695	0.0918	0.0947	0.0967	0.0879
	R-610	0.1540	0.1197	0.1307	0.1429	0.1629	0.1600	0.1450	0.1780	0.1163	0.1430	0.1546	0.1429	0.1211
STUDENT INFO BLANK SCALES	D-802	0.2275	0.1715	0.1985	0.1613	0.2902	0.3459	0.2740	0.2643	0.1934	0.2681	0.2779	0.3096	0.2481
	F-803	0.2553	0.1806	0.2043	0.1672	0.2971	0.4015	0.2973	0.3057	0.1985	0.2810	0.3090	0.3462	0.2665
	F-820	0.2134	0.1636	0.2219	0.1728	0.2438	0.2648	0.2588	0.2599	0.1504	0.2316	0.2699	0.2466	0.1892
	F-822	0.0677	0.0490	0.0188	0.0418	0.1019	0.1022	0.0604	0.0720	0.0539	0.0703	0.0952	0.0833	0.0711
	F-823	0.0796	0.0920	0.0836	0.0933	0.1202	0.1408	0.1104	0.1207	0.0857	0.1002	0.1306	0.1084	0.0964
	P-827	0.1563	0.1224	0.1706	0.1410	0.1843	0.2113	0.1814	0.2068	0.1330	0.1701	0.1874	0.1953	0.1219
	P-828	0.1245	0.1273	0.1677	0.1311	0.1721	0.2557	0.2044	0.2137	0.1319	0.1926	0.2302	0.2172	0.1671
	P-829	0.1778	0.1697	0.2321	0.1574	0.2027	0.2909	0.2575	0.2365	0.1519	0.2157	0.2337	0.2560	0.1873
	F-830	0.1255	0.1337	0.1868	0.0990	0.1637	0.2172	0.1921	0.1375	0.1119	0.1678	0.1581	0.1946	0.1506
	P-831	0.0336	0.0071	0.0231	-0.0125	0.0755	0.0130	0.0317	0.0021	0.0248	0.0278	0.0385	0.0215	0.0627
	F-832	0.0477	0.0329	0.0584	0.0214	0.1086	0.0462	0.0629	0.0330	0.0521	0.0533	0.0747	0.0471	0.0864
	P-833	0.1096	0.1291	0.0928	0.0636	0.0871	0.0868	0.0487	0.0462	0.0977	0.0630	0.0364	0.0543	0.0489
	F-834	0.1067	0.1308	0.1128	0.1137	0.0593	0.0932	0.0470	0.0470	0.1045	0.0701	0.0225	0.0592	0.0444
	F-835	0.0802	0.0795	0.0517	0.0233	0.1959	0.1131	0.0619	0.0678	0.0918	0.0817	0.0557	0.0791	0.0512
	F-836	0.0586	0.0489	0.0382	0.0352	0.1250	0.0599	0.0593	0.0657	0.0529	0.0534	0.0701	0.0450	0.0641
	F-837	-0.0237	0.0286	-0.0114	0.0123	0.0360	0.0373	0.0150	0.0309	0.0266	0.0096	0.0294	0.0014	0.0117
	F-838	-0.0193	0.0270	0.0160	0.0829	-0.0031	-0.0654	-0.0414	-0.0347	0.0099	-0.0016	-0.0247	-0.0404	-0.0332

TABLE 6.2 (continued)

			R-139	R-140	R-141	R-142	R-143	R-144	R-145	R-146	R-147	R-148
INFORMATION TEST I	R-101	SCREENING	0.1769	0.2287	0.2327	0.1541	0.1272	0.1643	0.0468	0.0423	0.1967	0.1659
	R-102	VOCABULARY I	0.3863	0.2974	0.1985	0.3337	0.2936	0.2266	0.0347	0.0498	0.3381	0.2150
	R-103	LITERATURE	0.4731	0.3293	0.1806	0.4810	0.3839	0.2639	0.0488	0.0554	0.4065	0.2228
	R-104	MUSIC	0.4357	0.3182	0.1993	0.3891	0.3862	0.2891	0.0398	0.0439	0.3918	0.2254
	R-105	SOCIAL STUDIES	0.4984	0.3533	0.2241	0.4848	0.3605	0.2930	0.0602	0.0540	0.4190	0.2282
	R-106	MATHEMATICS	0.3783	0.2755	0.0833	0.3744	0.3439	0.2860	0.0336	0.0536	0.3849	0.2010
	R-107	PHYSICAL SCIENCES	0.3881	0.2772	0.1375	0.4103	0.3181	0.2605	0.0717	0.0719	0.4015	0.1988
	R-108	BIOLOGICAL SCIENCES	0.3340	0.2396	0.1393	0.3923	0.2970	0.2178	0.0757	0.0994	0.3724	0.1724
	R-109	SCIENTIFIC ATTITUDE	0.3744	0.2765	0.1657	0.3394	0.2724	0.2468	0.0467	0.0518	0.3438	0.2011
	R-110	AERONAUTICS AND SPACE	0.2624	0.1771	0.0920	0.2624	0.1679	0.1323	0.0876	0.0836	0.2763	0.1353
	R-111	ELECTRICITY,ELECTRONICS	0.2647	0.1681	0.1280	0.2267	0.1736	0.1577	0.1183	0.0935	0.2823	0.1564
	R-112	MECHANICS	0.3341	0.2513	0.1971	0.2731	0.2313	0.1796	0.1538	0.1220	0.3471	0.1808
	R-113	FARMING	0.3331	0.2521	0.2176	0.3665	0.2536	0.2261	0.1383	0.1078	0.3726	0.1947
	R-114	HOME ECONOMICS	0.3273	0.2813	0.2036	0.2776	0.2936	0.2505	0.0903	0.0748	0.3302	0.1749
	R-115	SPORTS	0.3565	0.2796	0.1768	0.2817	0.2508	0.2238	0.0864	0.0934	0.3743	0.1869
INFORMATION TEST II	R-131	ART	0.4767	0.3450	0.2190	0.3852	0.3789	0.2537	0.0558	0.0442	0.3892	0.2587
	R-132	LAW	0.4164	0.2821	0.1710	0.3754	0.2605	0.2142	0.0615	0.0654	0.3218	0.1834
	R-133	HEALTH	0.3753	0.3156	0.2547	0.3161	0.2983	0.2343	0.0525	0.0607	0.3457	0.2370
	R-134	ENGINEERING	0.2744	0.2437	0.1740	0.2518	0.2093	0.1850	0.0965	0.0784	0.3274	0.1950
	R-135	ARCHITECTURE	0.3098	0.2323	0.1342	0.2894	0.2661	0.1778	0.0627	0.0543	0.2675	0.1678
	R-136	JOURNALISM	0.4035	0.2885	0.1972	0.2962	0.2841	0.1997	0.0388	0.0436	0.2951	0.1972
	R-137	FOREIGN TRAVEL	0.3992	0.2758	0.1588	0.3466	0.3065	0.2199	0.0475	0.0347	0.3372	0.1808
	R-138	MILITARY	0.2986	0.2013	0.1350	0.2650	0.2141	0.1510	0.0420	0.0512	0.2407	0.1426
	R-139	ACCOUNTING,BUSINESS,SALES		0.3218	0.2345	0.3208	0.3032	0.2253	0.0498	0.0421	0.3190	0.2104
	R-140	PRACTICAL KNOWLEDGE	0.3218		0.2575	0.2418	0.2332	0.2148	0.0425	0.0442	0.3175	0.2043
	R-141	CLERICAL	0.2345	0.2575		0.1565	0.1498	0.1476	0.0477	0.0450	0.2171	0.1808
	R-142	BIBLE	0.3208	0.2418	0.1565		0.2413	0.2092	0.0509	0.0626	0.2923	0.1668
	R-143	COLORS	0.3032	0.2332	0.1498	0.2413		0.1868	0.0320	0.0466	0.2519	0.1473
	R-144	ETIQUETTE	0.2253	0.2148	0.1476	0.2092	0.1868		0.0217	0.0283	0.2650	0.1603
	R-145	HUNTING	0.0498	0.0425	0.0477	0.0509	0.0320	0.0217		0.0811	0.0865	0.0467
	R-146	FISHING	0.0421	0.0442	0.0450	0.0626	0.0466	0.0283	0.0811		0.0804	0.0575
	R-147	OUTDOOR ACTIVITIES(OTHER)	0.3190	0.3175	0.2171	0.2923	0.2519	0.2650	0.0865	0.0804		0.2259
	R-148	PHOTOGRAPHY	0.2104	0.2043	0.1808	0.1668	0.1473	0.1603	0.0467	0.0575	0.2259	
	R-149	GAMES(SEDENTARY)	0.2132	0.1934	0.1174	0.1683	0.1684	0.1522	0.0376	0.0307	0.2227	0.1296
	R-150	THEATER,BALLET	0.4744	0.3618	0.2526	0.3386	0.3549	0.2559	0.0284	0.0261	0.3781	0.2441
	R-151	FOODS	0.3560	0.2618	0.1519	0.1834	0.3294	0.1950	0.0051	0.0096	0.2918	0.1693
	R-152	MISCELLANEOUS	0.3918	0.3051	0.2138	0.3585	0.3266	0.2415	0.0481	0.0522	0.3440	0.2042
	R-162	VOCABULARY II	0.6076	0.3636	0.2354	0.4029	0.3784	0.2750	0.0542	0.0527	0.4609	0.2575
	R-211	MEMORY FOR SENTENCES	0.1640	0.1194	0.0631	0.2121	0.1210	0.0995	0.0294	0.0338	0.1456	0.0876
	R-212	MEMORY FOR WORDS	0.2758	0.2205	0.1261	0.2919	0.2676	0.2054	0.0303	0.0477	0.2603	0.1600
	R-220	DISGUISED WORDS	0.3555	0.2455	0.2457	0.2789	0.3638	0.2250	0.0332	0.0408	0.3047	0.2233
ENGLISH TEST	R-231	SPELLING	0.2763	0.2080	0.2029	0.2347	0.2899	0.1873	0.0285	0.0390	0.2152	0.1796
	R-232	CAPITALIZATION	0.2388	0.2191	0.1820	0.1929	0.1960	0.1803	0.0147	0.0254	0.2178	0.1557
	R-233	PUNCTUATION	0.3852	0.3044	0.2004	0.3897	0.3443	0.2970	0.0359	0.0384	0.3517	0.2194
	R-234	USAGE	0.3349	0.2502	0.1553	0.3170	0.3031	0.2380	0.0308	0.0329	0.2931	0.1825
	R-235	EFFECTIVE EXPRESSION	0.3086	0.2392	0.1429	0.2640	0.2548	0.2173	0.0268	0.0146	0.2794	0.1659
	R-240	WORD FUNCTIONS IN SENTENCES	0.3756	0.2748	0.1322	0.4112	0.3389	0.2799	0.0275	0.0341	0.3474	0.2013
	R-250	READING COMPREHENSION	0.5099	0.3730	0.2263	0.5178	0.3869	0.3146	0.0497	0.0475	0.4549	0.2679
	R-260	CREATIVITY	0.3976	0.2954	0.2008	0.3349	0.3170	0.2464	0.0812	0.0683	0.3616	0.2156
	R-270	MECHANICAL REASONING	0.2975	0.2587	0.1139	0.2885	0.2501	0.2579	0.0756	0.0651	0.3752	0.1796
	R-281	VISUALIZATION IN 2-DIMENSIONS	0.1912	0.1980	0.1106	0.1559	0.1598	0.2011	0.0517	0.0386	0.2447	0.1485
	R-282	VISUALIZATION IN 3-DIMENSIONS	0.2532	0.2037	0.0948	0.2550	0.2305	0.2310	0.0443	0.0452	0.2927	0.1474
	R-290	ABSTRACT REASONING	0.3176	0.2762	0.1474	0.2704	0.3034	0.2767	0.0166	0.0131	0.3367	0.1918
MATH TEST	R-311	ARITHMETIC REASONING	0.4661	0.3086	0.1757	0.3701	0.3229	0.2819	0.0336	0.0469	0.3623	0.2079
	R-312	INTRODUCTORY HIGH SCHOOL MATH	0.3615	0.2683	0.0989	0.3530	0.3082	0.2762	0.0338	0.0397	0.3590	0.1902
	R-333	ADVANCED MATH	0.2638	0.1856	0.0425	0.2276	0.2260	0.2005	0.0298	0.0315	0.2690	0.1387
	F-410	ARITHMETIC COMPUTATION	0.2698	0.2261	0.1926	0.1922	0.2018	0.1813	0.0427	0.0305	0.2272	0.1763
	F-420	TABLE READING	0.0607	0.1023	0.0843	0.0323	0.0629	0.0614	0.0064	0.0073	0.0602	0.0733
	F-430	CLERICAL CHECKING	0.1330	0.1396	0.1327	0.0861	0.1308	0.0942	0.0095	0.0209	0.1084	0.1087
	F-440	OBJECT INSPECTION	0.1159	0.1463	0.1093	0.0733	0.1337	0.1016	0.0250	0.0149	0.1414	0.0989
	A-410	ARITHMETIC COMPUTATION	0.2471	0.2224	0.2151	0.1795	0.1896	0.1788	0.0499	0.0417	0.2264	0.1751
	A-420	TABLE READING	0.0376	0.0607	0.0596	0.0109	0.0449	0.0344	0.0039	0.0078	0.0310	0.0491
	A-430	CLERICAL CHECKING	-0.0046	0.0173	0.0675	-0.0294	0.0111	-0.0021	-0.0016	0.0181	-0.0170	0.0141
	A-440	OBJECT INSPECTION	0.0467	0.0881	0.0821	0.0198	0.0775	0.0514	0.0260	0.0147	0.0780	0.0538
	A-500	PREFERENCES	-0.0054	0.0203	0.1055	0.0063	-0.0366	-0.0109	0.0420	0.0409	-0.0131	0.0268
INTEREST INVENTORY	P-701	PHYSICAL SCIENCE,ENGRNG.,MATH	0.1462	0.0757	-0.0131	0.2121	0.0989	0.0720	0.0188	0.0339	0.1607	0.0599
	P-702	BIOLOGICAL SCIENCE & MEDICINE	0.0951	0.0717	-0.0128	0.1848	0.1084	0.0640	0.0184	0.0377	0.1723	0.0567
	P-703	PUBLIC SERVICE	0.1319	0.0486	0.0045	0.1138	0.0572	0.0084	-0.0052	0.0055	0.0532	0.0304
	P-704	LITERARY,LINGUISTICS	0.2078	0.0984	0.0403	0.2831	0.1711	0.1006	0.0002	0.0143	0.1480	0.0806
	P-705	SOCIAL SERVICE	0.0383	0.0452	0.0106	0.1199	0.0428	0.0503	-0.0297	-0.0029	0.0472	0.0248
	P-706	ARTISTIC	0.1548	0.0902	0.0094	0.2081	0.1929	0.0930	0.0094	0.0208	0.1592	0.0745
	P-707	MUSICAL	0.0716	0.0287	-0.0055	0.2210	0.1033	0.0863	-0.0053	0.0009	0.0901	0.0531
	P-708	SPORTS	0.0562	0.0712	0.0104	0.1108	0.0394	0.0575	0.0330	0.0412	0.1309	0.0384
	P-709	HUNTING & FISHING	0.0307	0.0311	-0.0164	0.1161	0.0376	0.0221	0.0639	0.0758	0.1249	0.0314
	P-710	BUSINESS MANAGEMENT	0.0970	0.0324	0.0316	0.0312	0.0166	0.0008	-0.0050	0.0026	0.0188	0.0179
	P-711	SALES	0.0736	-0.0009	0.0116	-0.0182	0.0063	-0.0087	-0.0017	-0.0023	-0.0025	-0.0054
	P-712	COMPUTATION	0.0247	-0.0069	0.0494	-0.0746	-0.0609	-0.0219	-0.0013	-0.0102	-0.0577	-0.0042
	P-713	OFFICE WORK	-0.1184	-0.0816	0.0890	-0.1825	-0.1339	-0.0850	-0.0107	-0.0162	-0.1721	-0.0484
	P-714	MECHANICAL,TECHNICAL	0.0350	-0.0044	-0.0267	0.0797	0.0128	-0.0012	0.0181	0.0386	0.0525	0.0032
	P-715	SKILLED TRADES	-0.0533	-0.0598	-0.0293	-0.0044	-0.0324	-0.0207	0.0076	0.0298	-0.0214	-0.0319
	P-716	FARMING	0.0483	0.0436	-0.0154	0.1257	0.0373	0.0464	0.0639	0.0553	0.1331	0.0425
	P-717	LABOR	-0.0598	-0.0556	-0.0247	-0.0135	-0.0553	-0.0048	0.0223	0.0232	-0.0155	-0.0294
STDNT ACTIV INVEN	R-601	SOCIABILITY	0.0105	0.0826	0.0894	-0.0368	0.0434	0.0358	-0.0002	0.0085	0.0439	0.0520
	R-602	SOCIAL SENSITIVITY	0.1072	0.1114	0.0843	0.1013	0.1066	0.0860	0.0111	0.0139	0.0967	0.1004
	R-603	IMPULSIVENESS	0.1021	0.0661	0.0544	0.1056	0.0826	0.0433	0.0349	0.0292	0.0923	0.0456
	R-604	VIGOR	0.0378	0.0862	0.0647	0.0569	0.0717	0.0704	0.0484	0.0455	0.1239	0.0801
	R-605	CALMNESS	0.0973	0.1104	0.0937	0.0995	0.0871	0.0871	0.0327	0.0309	0.1198	0.0945
	R-606	TIDINESS	0.0301	0.0790	0.0880	-0.0005	0.0584	0.0486	0.0131	0.0070	0.0331	0.0713
	R-607	CULTURE	0.1239	0.1133	0.0735	0.1606	0.1367	0.1111	0.0100	0.0189	0.1236	0.0948
	R-608	LEADERSHIP	0.0587	0.0572	0.0302	0.0773	0.0804	0.0599	0.0035	0.0259	0.0778	0.0451
	R-609	SELF-CONFIDENCE	0.0827	0.1022	0.0668	0.0976	0.0934	0.0734	0.0270	0.0111	0.1161	0.0817
	R-610	MATURE PERSONALITY	0.1566	0.1293	0.1088	0.1512	0.1252	0.1142	0.0408	0.0461	0.1339	0.1036
STUDENT INFO BLANK SCALES	D-802	HS CURRIC-ACAD VS OTHER	0.2204	0.1822	-0.0209	0.2644	0.2297	0.1967	0.0053	0.0174	0.2772	0.1247
	F-803	HS COURSES(ACAD ORIENT)	0.2577	0.2066	-0.0095	0.2842	0.2596	0.2228	-0.0023	0.0024	0.2892	0.1448
	P-820	HIGH SCHOOL GRADES	0.2664	0.1466	0.1214	0.3211	0.1958	0.1546	0.0[illegible]	0.0382	0.1872	0.1250
	F-822	GUIDANCE RECD IN HS	0.0763	0.0541	0.0124	-0.0014	0.0675	0.0542	0.0147	0.0042	0.0712	0.0287
	F-823	GUIDANCE RECD ELSEWHERE	0.1227	0.1103	0.0555	0.0967	0.1153	0.0978	0.0221	0.0103	0.1148	0.0889
	P-827	STUDY HABITS & ATTITUDES	0.1973	0.1381	0.1139	0.1761	0.1348	0.1193	0.0196	0.0174	0.1522	0.1053
	P-828	SELF-PERCEP OF WRTG SKILLS	0.2039	0.1428	0.0951	0.2184	0.2072	0.1361	0.0221	0.0111	0.1555	0.1088
	P-829	SELF-PERCEP OF RDNG SKILLS	0.2448	0.1537	0.1443	0.3031	0.1630	0.1142	0.0419	0.0393	0.1705	0.1351
	F-830	AMT OF EX-CURR RDNG	0.1509	0.0941	0.0591	0.2290	0.1155	0.0895	0.0349	0.0465	0.1406	0.0673
	P-831	VAR OF EX-CURR GRP ACT	0.0144	-0.0008	-0.0390	0.0481	0.0437	0.0416	0.0008	0.0093	0.0455	-0.0032
	F-832	VAR PARTIC IN EX-CURR GRP ACT	0.0450	0.0345	-0.0208	0.1019	0.0723	0.0698	0.0036	0.0075	0.0821	0.0213
	P-833	VARIETY OF HOBBIES	0.0305	0.0383	-0.0196	0.0405	0.0559	0.0552	0.0503	0.0443	0.0959	0.0390
	F-834	DEGREE OF ACT IN HOBBIES	0.0197	0.0341	-0.0188	0.0496	0.0469	0.0534	0.0450	0.0438	0.0833	0.0314
	F-835	PARTICIPATION IN SPORTS	0.0518	0.1040	0.0323	0.0021	0.0360	0.0619	0.0349	0.0193	0.1719	0.0695
	F-836	LEADERSHIP ROLES	0.0543	0.0589	0.0234	0.0443	0.0714	0.0591	0.0063	0.0136	0.0890	0.0523
	F-837	SOCIAL LIFE	0.0537	0.1031	0.0656	-0.0282	0.0685	0.0685	0.0047	0.0143	0.0770	0.0651
	F-838	WORK ACTIVITIES	-0.0102	0.0128	0.0291	-0.0009	-0.0218	0.0084	0.0058	0.0101	-0.0010	0.0062

TABLE 6.2 (continued)

		R-149	R-150	R-151	R-152	R-162	R-211	R-212	R-220	R-231	R-232	R-233	R-234	R-235
INFORMATION TEST I	R-101	0.1249	0.2250	0.1480	0.2043	0.2251	0.0805	0.1380	0.2146	0.1917	0.2024	0.2209	0.1922	0.1596
	R-102	0.1793	0.4297	0.3306	0.3782	0.4851	0.1649	0.3060	0.3718	0.2969	0.2746	0.4263	0.3607	0.3403
	R-103	0.2860	0.5933	0.4247	0.5232	0.5695	0.2063	0.4017	0.4563	0.3815	0.2342	0.5047	0.4474	0.3841
	R-104	0.2594	0.5694	0.4202	0.4796	0.5392	0.1539	0.3603	0.4608	0.3711	0.2563	0.4723	0.4140	0.3692
	R-105	0.2685	0.5412	0.3775	0.5251	0.5906	0.2193	0.4083	0.4072	0.3936	0.3248	0.5373	0.4389	0.3953
	R-106	0.2723	0.4543	0.3379	0.4562	0.4835	0.2309	0.4124	0.3932	0.3830	0.2729	0.5523	0.4394	0.3566
	R-107	0.2553	0.4348	0.2968	0.4648	0.4868	0.2210	0.3682	0.3615	0.3120	0.2561	0.4789	0.3843	0.3311
	R-108	0.1939	0.3719	0.2735	0.4010	0.4513	0.2003	0.3233	0.3195	0.2719	0.2183	0.4094	0.3469	0.3013
	R-109	0.2066	0.3995	0.2907	0.3562	0.4406	0.1755	0.3045	0.3414	0.2574	0.2509	0.4243	0.3478	0.3549
	R-110	0.1723	0.3224	0.2003	0.2875	0.3063	0.1023	0.1700	0.2191	0.1341	0.1251	0.2328	0.2103	0.1929
	R-111	0.1628	0.2634	0.1913	0.2900	0.2997	0.1329	0.2054	0.1994	0.1708	0.1488	0.2521	0.2089	0.1755
	R-112	0.1734	0.2806	0.2037	0.3203	0.3689	0.1426	0.2173	0.2393	0.1656	0.1817	0.2895	0.2355	0.2212
	R-113	0.1518	0.3358	0.2067	0.3358	0.4097	0.1742	0.2792	0.2871	0.2599	0.2439	0.3867	0.3143	0.2742
	R-114	0.1616	0.2935	0.3182	0.3289	0.3917	0.1302	0.2213	0.2656	0.2039	0.2073	0.3297	0.2701	0.2459
	R-115	0.2444	0.4169	0.2823	0.3785	0.3997	0.1433	0.2710	0.3035	0.2647	0.2106	0.3549	0.2811	0.2656
INFORMATION TEST II	R-131	0.2725	0.5886	0.4352	0.4833	0.5974	0.1821	0.3512	0.4542	0.3158	0.2660	0.4261	0.3982	0.3635
	R-132	0.2081	0.4383	0.2900	0.3834	0.4984	0.1701	0.2943	0.3046	0.2470	0.2175	0.3663	0.3193	0.2892
	R-133	0.2007	0.4220	0.3175	0.4003	0.5079	0.1580	0.2921	0.3619	0.3107	0.2661	0.3998	0.3414	0.3214
	R-134	0.1594	0.2835	0.1891	0.2782	0.3274	0.1187	0.1921	0.2249	0.1724	0.1697	0.2690	0.2087	0.2142
	R-135	0.1678	0.3508	0.2733	0.3387	0.3650	0.1390	0.2551	0.2791	0.2484	0.1763	0.3127	0.2688	0.2316
	R-136	0.1950	0.4581	0.3241	0.3693	0.5316	0.1479	0.2732	0.3458	0.3037	0.2269	0.3735	0.3249	0.3006
	R-137	0.2115	0.4758	0.3467	0.4231	0.4604	0.1476	0.2989	0.3644	0.2949	0.2115	0.3764	0.3383	0.2923
	R-138	0.1653	0.3355	0.2410	0.3078	0.3204	0.0921	0.1871	0.2319	0.1937	0.1376	0.2652	0.2240	0.1894
	R-139	0.2132	0.4744	0.3580	0.3918	0.6076	0.1640	0.2758	0.3555	0.2763	0.2388	0.3852	0.3349	0.3086
	R-140	0.1934	0.3618	0.2618	0.3051	0.3636	0.1194	0.2205	0.2855	0.2080	0.2191	0.3044	0.2502	0.2392
	R-141	0.1174	0.2526	0.1519	0.2138	0.2354	0.0631	0.1261	0.2457	0.2029	0.1620	0.2004	0.1553	0.1429
	R-142	0.1683	0.3386	0.1834	0.3585	0.4029	0.2121	0.2919	0.2789	0.2347	0.1929	0.3897	0.3170	0.2640
	R-143	0.1684	0.3549	0.3294	0.3266	0.3784	0.1210	0.2676	0.3638	0.2899	0.1960	0.3443	0.3031	0.2548
	R-144	0.1522	0.2559	0.1950	0.2415	0.2750	0.0995	0.2054	0.2250	0.1573	0.1803	0.2970	0.2380	0.2173
	R-145	0.0376	0.0284	0.0051	0.0481	0.0542	0.0294	0.0303	0.0332	0.0285	0.0147	0.0359	0.0308	0.0268
	R-146	0.0307	0.0261	0.0096	0.0522	0.0527	0.0338	0.0477	0.0408	0.0390	0.0254	0.0384	0.0329	0.0146
	R-147	0.2227	0.3781	0.2918	0.3440	0.4609	0.1456	0.2603	0.3047	0.2152	0.2178	0.3517	0.2931	0.2794
	R-148	0.1296	0.2441	0.1693	0.2042	0.2575	0.0876	0.1600	0.2233	0.1796	0.1557	0.2194	0.1825	0.1659
	R-149		0.2613	0.2012	0.2464	0.2497	0.0873	0.1806	0.2048	0.1415	0.1199	0.2145	0.1755	0.1613
	R-150	0.2613		0.4506	0.4599	0.5741	0.1566	0.3359	0.4488	0.3403	0.2582	0.4211	0.3821	0.3593
	R-151	0.2012	0.4506		0.3490	0.4063	0.0986	0.2292	0.3543	0.2363	0.1699	0.2870	0.2797	0.2524
	R-152	0.2464	0.4599	0.3490		0.5147	0.1770	0.3166	0.3988	0.3103	0.2408	0.4176	0.3473	0.3067
	R-162	0.2497	0.5741	0.4063	0.5147		0.1992	0.3727	0.4572	0.3620	0.3045	0.4984	0.4314	0.3849
ENGLISH TEST	R-211	0.0873	0.1566	0.0986	0.1770	0.1992		0.3551	0.1671	0.1753	0.1823	0.2594	0.2165	0.1851
	R-212	0.1806	0.3359	0.2292	0.3166	0.3727	0.3551		0.3627	0.3458	0.2612	0.4287	0.3443	0.3040
	R-220	0.2048	0.4488	0.3543	0.3988	0.4572	0.1671	0.3627		0.4827	0.2912	0.4823	0.4353	0.3628
	R-231	0.1415	0.3403	0.2363	0.3103	0.3620	0.1753	0.3458	0.4827		0.3664	0.5157	0.4282	0.3262
	R-232	0.1199	0.2582	0.1699	0.2408	0.3045	0.1823	0.2612	0.2912	0.3664		0.4716	0.3930	0.3486
	R-233	0.2145	0.4211	0.2870	0.4176	0.4984	0.2594	0.4287	0.4823	0.5157	0.4716		0.5537	0.4643
	R-234	0.1755	0.3821	0.2797	0.3473	0.4314	0.2165	0.3443	0.4353	0.4282	0.3930	0.5537		0.4370
	R-235	0.1613	0.3593	0.2524	0.3067	0.3849	0.1851	0.3040	0.3628	0.3262	0.3486	0.4643	0.4370	
	R-240	0.2163	0.4075	0.2826	0.4094	0.4723	0.2461	0.4404	0.4496	0.4318	0.3242	0.6315	0.4733	0.4076
	R-250	0.2568	0.5911	0.4019	0.5043	0.6327	0.2830	0.4637	0.5348	0.4397	0.3800	0.6186	0.5209	0.4988
	R-260	0.2258	0.4340	0.3274	0.3930	0.4648	0.2329	0.3386	0.4310	0.2979	0.2551	0.4288	0.3573	0.3361
	R-270	0.2226	0.3196	0.2226	0.3436	0.3919	0.1929	0.2983	0.3488	0.1839	0.2246	0.4024	0.3187	0.2934
MATH TEST	R-281	0.1895	0.2131	0.1336	0.2175	0.2435	0.1104	0.1996	0.3062	0.1413	0.1597	0.2814	0.2121	0.1865
	R-282	0.1931	0.2421	0.1676	0.2842	0.3257	0.1505	0.2599	0.2733	0.1688	0.2004	0.3717	0.2651	0.2499
	R-290	0.2133	0.3536	0.2592	0.3457	0.4100	0.2008	0.3340	0.3890	0.2993	0.3161	0.4928	0.3695	0.3662
	R-311	0.2379	0.4152	0.3041	0.4126	0.5074	0.2421	0.3873	0.3995	0.3789	0.3385	0.5776	0.4438	0.4061
	R-312	0.2531	0.4092	0.2902	0.4189	0.4552	0.2408	0.4021	0.3785	0.3907	0.3152	0.5790	0.4441	0.3594
	R-333	0.2231	0.3149	0.2348	0.3284	0.3265	0.1614	0.3013	0.2808	0.2707	0.2059	0.3964	0.3137	0.2593
	F-410	0.1596	0.2709	0.1673	0.2609	0.3044	0.1775	0.2710	0.3146	0.3626	0.2921	0.4202	0.3138	0.2777
	F-420	0.0752	0.1017	0.0703	0.0601	0.0757	0.0644	0.0702	0.2186	0.1048	0.0971	0.0906	0.0759	0.0534
	F-430	0.1068	0.1895	0.1386	0.1490	0.1697	0.0973	0.1611	0.3658	0.2472	0.1461	0.2067	0.1626	0.1274
	F-440	0.1126	0.1670	0.1266	0.1248	0.1488	0.1136	0.1457	0.2785	0.1034	0.1122	0.1513	0.1152	0.1143
	A-410	0.1867	0.2554	0.1601	0.2552	0.2684	0.1876	0.2773	0.3710	0.3732	0.2446	0.4037	0.2864	0.2237
	A-420	0.0650	0.0669	0.0515	0.0557	0.0355	0.0591	0.0906	0.2262	0.0916	0.0444	0.0544	0.0413	-0.0002
	A-430	0.0424	0.0289	0.0253	0.0186	-0.0192	0.0364	0.0271	0.2595	0.0866	-0.0270	-0.0077	-0.0118	-0.0482
	A-440	0.0831	0.0931	0.0742	0.0668	0.0572	0.0692	0.0840	0.2327	0.0308	0.0381	0.0428	0.0290	0.0215
	A-500	0.0230	0.0049	-0.0247	0.0073	-0.0358	0.0246	-0.0112	0.0715	-0.0229	-0.0690	-0.0855	-0.0641	-0.1070
INTEREST INVENTORY	P-701	0.1238	0.1416	0.0820	0.2021	0.1862	0.1206	0.1582	0.1074	0.0858	0.0607	0.1798	0.1366	0.1048
	P-702	0.0733	0.1496	0.1243	0.1858	0.1686	0.0937	0.1368	0.1039	0.0867	0.0465	0.1264	0.1229	0.0958
	P-703	0.0480	0.1212	0.0830	0.1101	0.1032	0.0635	0.0659	0.0579	0.0709	0.0205	0.0662	0.0681	0.0359
	P-704	0.0930	0.2716	0.1567	0.2263	0.2526	0.1221	0.1983	0.2098	0.1941	0.0996	0.2318	0.2214	0.1723
	P-705	0.0106	0.0620	0.0423	0.0632	0.0601	0.0533	0.0721	0.0503	0.0884	0.0470	0.0961	0.0790	0.0447
	P-706	0.0817	0.2140	0.1499	0.1861	0.2188	0.1063	0.1634	0.1668	0.0949	0.0748	0.1709	0.1663	0.1478
	P-707	0.0445	0.1350	0.0548	0.1278	0.1253	0.0672	0.1163	0.1155	0.1125	0.0391	0.1452	0.1330	0.0938
	P-708	0.0760	0.0858	0.0277	0.0912	0.0867	0.0651	0.0963	0.0848	0.0565	0.0432	0.0974	0.0607	0.0772
	P-709	0.0425	0.0549	0.0114	0.0707	0.0772	0.0558	0.0691	0.0500	-0.0125	0.0105	0.0507	0.0265	0.0460
	P-710	0.0078	0.0470	0.0210	0.0388	0.0509	0.0369	0.0194	0.0284	0.0409	0.0056	0.0362	0.0182	0.0082
	P-711	-0.0073	0.0200	0.0212	0.0051	0.0277	0.0040	-0.0201	-0.0232	-0.0145	-0.0097	-0.0164	-0.0143	-0.0128
	P-712	-0.0112	-0.1152	-0.1043	-0.0474	-0.0500	0.0187	-0.0303	-0.0541	0.0096	-0.0026	0.0180	-0.0541	-0.0638
	P-713	-0.1142	-0.2250	-0.1972	-0.1960	-0.1917	-0.0623	-0.1349	-0.1041	-0.0438	-0.0445	-0.1219	-0.1480	-0.1332
	P-714	0.0056	-0.0006	-0.0238	0.0472	0.0412	0.0378	0.0359	-0.0061	-0.0141	-0.0213	0.0092	0.0072	-0.0026
	P-715	-0.0499	-0.0908	-0.0866	-0.0455	-0.0574	-0.0090	-0.0373	-0.0740	-0.0552	-0.0616	-0.0547	-0.0598	-0.0607
	P-716	0.0486	0.0599	0.0247	0.0759	0.0917	0.0449	0.0672	0.0258	-0.0234	0.0131	0.0591	0.0364	0.0580
	P-717	-0.0481	-0.0850	-0.0921	-0.0598	-0.0629	-0.0098	-0.0433	-0.0851	-0.0465	-0.0427	-0.0426	-0.0552	-0.0531
STDNT ACTIV INVEN	R-601	0.0303	0.0551	0.0715	0.0235	0.0150	0.0040	0.0061	0.1120	0.0429	0.0323	0.0123	0.0037	0.0075
	R-602	0.0566	0.1584	0.1285	0.1273	0.1455	0.0539	0.0912	0.1797	0.1255	0.0870	0.1270	0.1276	0.0982
	R-603	0.0558	0.1458	0.1200	0.0927	0.1059	0.0028	0.0260	0.1209	0.0314	0.0064	0.0290	0.0504	0.0285
	R-604	0.0771	0.0865	0.0637	0.0823	0.0724	0.0449	0.0650	0.1271	0.0747	0.0596	0.0755	0.0569	0.0450
	R-605	0.0657	0.1282	0.0959	0.1347	0.1232	0.0663	0.0880	0.1407	0.1060	0.0838	0.1277	0.1136	0.0904
	R-606	0.0088	0.0436	0.0566	0.0494	0.0511	0.0341	0.0315	0.1020	0.1151	0.0657	0.0826	0.0622	0.0386
	R-607	0.0775	0.1787	0.1439	0.1597	0.1585	0.0770	0.1141	0.1652	0.1527	0.0992	0.1649	0.1471	0.0975
	R-608	0.0459	0.0991	0.0726	0.0865	0.0788	0.0504	0.0658	0.1261	0.0963	0.0410	0.0852	0.0628	0.0399
	R-609	0.0673	0.1303	0.1018	0.1159	0.1164	0.0768	0.0751	0.1411	0.0872	0.0592	0.1054	0.0967	0.0583
	R-610	0.0868	0.1788	0.1221	0.1876	0.1843	0.1010	0.1416	0.1939	0.2037	0.1061	0.2169	0.1643	0.1169
STUDENT INFO BLANK SCALES	D-802	0.1873	0.3464	0.2762	0.3289	0.3248	0.1619	0.2838	0.2465	0.2412	0.1786	0.3486	0.3016	0.2557
	F-803	0.2126	0.3909	0.3072	0.3671	0.3753	0.1812	0.3335	0.3082	0.2802	0.2094	0.4021	0.3424	0.2934
	P-820	0.1352	0.2595	0.1334	0.2823	0.3025	0.2160	0.3135	0.2804	0.3371	0.1936	0.4016	0.3057	0.2463
	F-822	0.0394	0.1130	0.1187	0.0963	0.0853	0.0091	0.0498	0.0946	0.0480	0.0131	0.0522	0.0437	0.0407
	F-823	0.0676	0.1533	0.1220	0.1339	0.1515	0.0630	0.1190	0.1405	0.1028	0.1048	0.1451	0.1093	0.1082
	P-827	0.1002	0.2148	0.1324	0.2040	0.2297	0.1411	0.1972	0.1896	0.2469	0.1744	0.3106	0.2379	0.1914
	P-828	0.1074	0.2537	0.1948	0.2375	0.2653	0.1159	0.2073	0.3084	0.2969	0.1590	0.3093	0.2773	0.2164
	P-829	0.1140	0.2920	0.1602	0.2433	0.2765	0.1517	0.1893	0.2392	0.2252	0.1344	0.2267	0.2144	0.1852
	F-830	0.0849	0.1965	0.1181	0.1747	0.1763	0.0692	0.0976	0.1504	0.1258	0.0718	0.1286	0.1365	0.0921
	P-831	0.0201	0.0280	0.0395	0.0454	0.0185	0.0261	0.0429	0.0416	0.0433	-0.0150	0.0304	0.0157	-0.0046
	F-832	0.0363	0.0686	0.0593	0.0737	0.0599	0.0424	0.0681	0.0768	0.0651	0.0172	0.0751	0.0564	0.0287
	P-833	0.0523	0.0364	0.0379	0.0721	0.0519	0.0313	0.0497	0.0444	0.0007	-0.0229	0.0369	0.0232	0.0107
	F-834	0.0430	0.0393	0.0542	0.0665	0.0436	0.0245	0.0184	0.0339	-0.0230	-0.0066	0.0115	0.0075	-0.0110
	F-835	0.1170	0.0961	0.0984	0.0895	0.0829	0.0503	0.0612	0.1136	0.0400	0.0658	0.0545	0.0373	0.0587
	F-836	0.0499	0.0826	0.0526	0.0761	0.0726	0.0349	0.0569	0.0837	0.0444	0.0455	0.0687	0.0552	0.0484
	F-837	0.0429	0.0507	0.0798	0.0127	0.0294	0.0177	0.0251	0.1116	0.0225	0.0290	0.0281	0.0165	0.0492
	F-838	-0.0167	-0.0582	-0.0185	-0.0298	-0.0377	-0.0297	-0.0342	0.0019	-0.0239	-0.0157	-0.0288	-0.0452	-0.0443

TABLE 6.2 (continued)

			R-240	R-250	R-260	R-270	R-281	R-282	R-290	R-311	R-312	R-333
INFORMATION TEST I	R-101	SCREENING	0.1781	0.2621	0.1766	0.1490	0.1322	0.1140	0.1877	0.1890	0.1712	0.1140
	R-102	VOCABULARY I	0.3850	0.5544	0.3699	0.3099	0.1916	0.2596	0.3511	0.4118	0.3672	0.2413
	R-103	LITERATURE	0.5149	0.6808	0.4717	0.3792	0.2186	0.3152	0.4049	0.4903	0.5266	0.4094
	R-104	MUSIC	0.4658	0.5934	0.4379	0.3692	0.2193	0.2969	0.3936	0.4350	0.4578	0.3506
	R-105	SOCIAL STUDIES	0.5311	0.6919	0.4572	0.3894	0.2379	0.3430	0.4251	0.5502	0.5436	0.4010
	R-106	MATHEMATICS	0.6171	0.5824	0.4226	0.4394	0.2805	0.3917	0.4512	0.5896	0.8026	0.6700
	R-107	PHYSICAL SCIENCES	0.5086	0.5816	0.4510	0.4716	0.2592	0.3920	0.4112	0.5181	0.5799	0.4568
	R-108	BIOLOGICAL SCIENCES	0.4320	0.5407	0.4047	0.3898	0.2076	0.3200	0.3335	0.4248	0.4268	0.3214
	R-109	SCIENTIFIC ATTITUDE	0.4229	0.5502	0.4000	0.3654	0.2286	0.3050	0.3820	0.4647	0.3963	0.2997
	R-110	AERONAUTICS AND SPACE	0.2361	0.3504	0.3217	0.3399	0.1735	0.2275	0.2226	0.2510	0.2717	0.2295
	R-111	ELECTRICITY,ELECTRONICS	0.2621	0.3294	0.3124	0.3235	0.1670	0.2466	0.2248	0.3093	0.3258	0.2771
	R-112	MECHANICS	0.2817	0.3842	0.3992	0.3993	0.2435	0.3244	0.2775	0.3595	0.2961	0.2177
	R-113	FARMING	0.3602	0.4756	0.3859	0.3640	0.2236	0.3076	0.3075	0.3917	0.3381	0.2172
	R-114	HOME ECONOMICS	0.3072	0.3853	0.3531	0.3345	0.2022	0.3083	0.3100	0.3756	0.2895	0.1929
	R-115	SPORTS	0.3592	0.4415	0.3603	0.3298	0.2170	0.2523	0.3041	0.3715	0.3904	0.2856
INFORMATION TEST II	R-131	ART	0.4093	0.6175	0.4590	0.3694	0.2393	0.3051	0.3877	0.4234	0.4071	0.3251
	R-132	LAW	0.3657	0.5019	0.3647	0.3071	0.1890	0.2458	0.2830	0.3885	0.3628	0.2729
	R-133	HEALTH	0.3644	0.5040	0.3561	0.2897	0.1697	0.2265	0.3122	0.3850	0.3505	0.2466
	R-134	ENGINEERING	0.2671	0.3533	0.3302	0.3209	0.1872	0.2652	0.2512	0.2966	0.2700	0.2030
	R-135	ARCHITECTURE	0.3227	0.4082	0.3114	0.2571	0.1408	0.2240	0.2548	0.3122	0.3091	0.2445
	R-136	JOURNALISM	0.3607	0.4832	0.3513	0.2501	0.1519	0.2083	0.2850	0.3708	0.3493	0.2523
	R-137	FOREIGN TRAVEL	0.3777	0.5241	0.3815	0.3236	0.1806	0.2631	0.3149	0.3727	0.3755	0.2823
	R-138	MILITARY	0.2620	0.3481	0.2776	0.2236	0.1366	0.1802	0.2018	0.2615	0.2861	0.2027
	R-139	ACCOUNTING,BUSINESS,SALES	0.3756	0.5099	0.3976	0.2975	0.1912	0.2532	0.3176	0.4661	0.3615	0.2638
	R-140	PRACTICAL KNOWLEDGE	0.2748	0.3730	0.2954	0.2587	0.1980	0.2037	0.2762	0.3086	0.2683	0.1856
	R-141	CLERICAL	0.1322	0.2263	0.2008	0.1139	0.1106	0.0948	0.1474	0.1757	0.0989	0.0425
	R-142	BIBLE	0.4112	0.5178	0.3349	0.2885	0.1559	0.2550	0.2704	0.3701	0.3530	0.2276
	R-143	COLORS	0.3389	0.3869	0.3170	0.2501	0.1598	0.2305	0.3034	0.3229	0.3082	0.2260
	R-144	ETIQUETTE	0.2799	0.3148	0.2464	0.2579	0.2011	0.2310	0.2767	0.2819	0.2762	0.2005
	R-145	HUNTING	0.0275	0.0497	0.0812	0.0756	0.0517	0.0443	0.0166	0.0336	0.0338	0.0298
	R-146	FISHING	0.0341	0.0475	0.0683	0.0651	0.0386	0.0452	0.0131	0.0469	0.0397	0.0315
	R-147	OUTDOOR ACTIVITIES(OTHER)	0.3474	0.4549	0.3616	0.3752	0.2447	0.2927	0.3367	0.3623	0.3590	0.2690
	R-148	PHOTOGRAPHY	0.2013	0.2879	0.2156	0.1796	0.1485	0.1474	0.1918	0.2079	0.1902	0.1387
	R-149	GAMES(SEDENTARY)	0.2163	0.2568	0.2258	0.2226	0.1895	0.1931	0.2133	0.2379	0.2531	0.2231
	R-150	THEATER,BALLET	0.4075	0.5911	0.4340	0.3196	0.2131	0.2421	0.3536	0.4152	0.4092	0.3149
	R-151	FOODS	0.2826	0.4019	0.3274	0.2226	0.1336	0.1676	0.2592	0.3041	0.2902	0.2348
	R-152	MISCELLANEOUS	0.4094	0.5043	0.3930	0.3436	0.2175	0.2842	0.3457	0.4126	0.4189	0.3284
	R-162	VOCABULARY II	0.4723	0.6327	0.4648	0.3919	0.2435	0.3257	0.4100	0.5074	0.4552	0.3265
	R-211	MEMORY FOR SENTENCES	0.2461	0.2830	0.2329	0.1929	0.1104	0.1505	0.2008	0.2421	0.2408	0.1614
	R-212	MEMORY FOR WORDS	0.4404	0.4637	0.3386	0.2983	0.1996	0.2599	0.3340	0.3873	0.4021	0.3013
	R-220	DISGUISED WORDS	0.4496	0.5348	0.4310	0.3488	0.3062	0.2733	0.3890	0.3995	0.3785	0.2808
ENGLISH TEST	R-231	SPELLING	0.4318	0.4397	0.2979	0.1839	0.1413	0.1688	0.2993	0.3789	0.3907	0.2707
	R-232	CAPITALIZATION	0.3242	0.3800	0.2551	0.2246	0.1597	0.2004	0.3161	0.3385	0.3152	0.2059
	R-233	PUNCTUATION	0.6315	0.6186	0.4288	0.4024	0.2814	0.3717	0.4928	0.5776	0.5790	0.3964
	R-234	USAGE	0.4733	0.5209	0.3573	0.3187	0.2121	0.2651	0.3695	0.4438	0.4441	0.3137
	R-235	EFFECTIVE EXPRESSION	0.4076	0.4988	0.3361	0.2934	0.1865	0.2499	0.3662	0.4061	0.3594	0.2593
	R-240	WORD FUNCTIONS IN SENTENCES		0.6341	0.4607	0.4211	0.2699	0.4040	0.4929	0.5918	0.6167	0.4415
	R-250	READING COMPREHENSION	0.6341		0.5718	0.4788	0.2994	0.4179	0.5430	0.6178	0.5732	0.4074
	R-260	CREATIVITY	0.4607	0.5718		0.4553	0.3098	0.4092	0.4360	0.4721	0.4203	0.3137
	R-270	MECHANICAL REASONING	0.4211	0.4788	0.4553		0.4239	0.5514	0.4936	0.4476	0.4385	0.3441
	R-281	VISUALIZATION IN 2-DIMENSIONS	0.2699	0.2994	0.3098	0.4239		0.4260	0.3648	0.3007	0.2909	0.2277
	R-282	VISUALIZATION IN 3-DIMENSIONS	0.4040	0.4179	0.4092	0.5514	0.4260		0.5010	0.4328	0.4073	0.3214
	R-290	ABSTRACT REASONING	0.4929	0.5430	0.4360	0.4936	0.3648	0.5010		0.4988	0.4733	0.3431
MATH TEST	R-311	ARITHMETIC REASONING	0.5918	0.6178	0.4721	0.4476	0.3007	0.4328	0.4988		0.6234	0.4483
	R-312	INTRODUCTORY HIGH SCHOOL MATH	0.6167	0.5732	0.4203	0.4385	0.2909	0.4073	0.4733	0.6234		0.6531
	R-333	ADVANCED MATH	0.4415	0.4074	0.3137	0.3441	0.2277	0.3214	0.3431	0.4483	0.6531	
	F-410	ARITHMETIC COMPUTATION	0.3738	0.3729	0.2701	0.2144	0.2157	0.2140	0.3271	0.4097	0.4367	0.2781
	F-420	TABLE READING	0.0728	0.0985	0.0971	0.0900	0.1629	0.1047	0.1198	0.0831	0.0812	0.0502
	F-430	CLERICAL CHECKING	0.1921	0.2128	0.1706	0.1421	0.2221	0.1386	0.1951	0.1701	0.1907	0.1426
	F-440	OBJECT INSPECTION	0.1463	0.1913	0.2009	0.2429	0.2843	0.2464	0.2616	0.1505	0.1379	0.1032
	A-410	ARITHMETIC COMPUTATION	0.3767	0.2939	0.2771	0.2085	0.2456	0.1992	0.2811	0.3864	0.4592	0.3317
	A-420	TABLE READING	0.0586	0.0452	0.0829	0.0579	0.1457	0.0674	0.0635	0.0619	0.0893	0.0838
	A-430	CLERICAL CHECKING	0.0119	-0.0375	0.0292	0.0189	0.1564	0.0304	0.0188	-0.0103	0.0310	0.0485
	A-440	OBJECT INSPECTION	0.0584	0.0731	0.1317	0.1761	0.2444	0.1768	0.1583	0.0514	0.0569	0.0605
	A-500	PREFERENCES	-0.0871	-0.0876	-0.0016	-0.0535	0.0427	-0.0753	-0.0964	-0.0853	-0.0719	-0.0478
INTEREST INVENTORY	P-701	PHYSICAL SCIENCE,ENGRNG.,MATH	0.2425	0.2459	0.1935	0.2529	0.1443	0.2394	0.1927	0.2603	[illegible]	0.3177
	P-702	BIOLOGICAL SCIENCE & MEDICINE	0.1880	0.2203	0.1574	0.1577	0.0611	0.1246	0.1248	0.1574	[illegible]	0.2157
	P-703	PUBLIC SERVICE	0.1065	0.1363	0.0847	0.0332	0.0177	0.0392	0.0488	0.1107	[illegible]	0.1277
	P-704	LITERARY,LINGUISTICS	0.2749	0.3352	0.2149	0.1325	0.0564	0.1162	0.1499	0.2164	[illegible]	0.2050
	P-705	SOCIAL SERVICE	0.1381	0.0889	0.0570	-0.0082	-0.0094	0.0137	0.0432	0.0894	[illegible]	0.1034
	P-706	ARTISTIC	0.1973	0.2788	0.2197	0.2289	0.1254	0.2365	0.2042	0.1736	[illegible]	0.1507
	P-707	MUSICAL	0.1699	0.1715	0.1196	0.1295	0.0565	0.1086	0.1036	0.1041	[illegible]	0.1300
	P-708	SPORTS	0.1225	0.1306	0.0972	0.1374	0.0862	0.0984	0.1076	0.1100	0.1532	0.1227
	P-709	HUNTING & FISHING	0.0639	0.1239	0.1015	0.1788	0.0929	0.1320	0.0879	0.0684	0.0812	0.0795
	P-710	BUSINESS MANAGEMENT	0.0520	0.0524	0.0478	-0.0045	0.0076	0.0205	0.0215	0.0694	0.0594	0.0546
	P-711	SALES	-0.0058	0.0004	0.0224	-0.0125	-0.0091	0.0050	-0.0086	0.0229	-0.0030	0.0059
	P-712	COMPUTATION	0.0002	-0.0893	-0.0169	-0.0049	0.0430	0.0631	0.0347	0.0787	0.0661	0.0338
	P-713	OFFICE WORK	-0.1865	-0.2617	-0.1561	-0.1748	-0.0635	-0.1150	-0.1265	-0.1554	-0.2484	-0.2250
	P-714	MECHANICAL,TECHNICAL	0.0330	0.0482	0.0619	0.1173	0.0439	0.1022	0.0333	0.0612	0.0872	0.0782
	P-715	SKILLED TRADES	-0.0510	-0.0730	-0.0245	0.0280	0.0010	0.0514	-0.0235	-0.0290	-0.0407	-0.0365
	P-716	FARMING	0.0658	0.1367	0.1205	0.1956	0.0908	0.1519	0.1048	0.0859	0.0883	0.0725
	P-717	LABOR	-0.0443	-0.0794	-0.0250	0.0181	-0.0018	0.0359	-0.0242	-0.0266	-0.0378	-0.0416
STDNT ACTIV INVEN	R-601	SOCIABILITY	0.0098	-0.0054	0.0360	-0.0232	0.0188	-0.0511	0.0122	-0.0137	-0.0039	-0.0050
	R-602	SOCIAL SENSITIVITY	0.1278	0.1655	0.1291	0.0539	0.0380	0.0298	0.0841	0.1025	0.1077	0.0954
	R-603	IMPULSIVENESS	0.0475	0.1169	0.0869	0.0692	0.0456	0.0237	0.0280	0.0508	0.0520	0.0453
	R-604	VIGOR	0.0994	0.0931	0.0946	0.0926	0.0758	0.0541	0.0825	0.0712	0.1141	0.0928
	R-605	CALMNESS	0.1410	0.1432	0.1439	0.0903	0.0808	0.0768	0.1037	0.1135	0.1532	0.1230
	R-606	TIDINESS	0.0652	0.0406	0.0487	-0.0220	0.0328	-0.0076	0.0448	0.0249	0.0508	0.0384
	R-607	CULTURE	0.1741	0.1908	0.1446	0.0637	0.0543	0.0619	0.1088	0.1233	0.1610	0.1341
	R-608	LEADERSHIP	0.1080	0.0809	0.0849	0.0374	0.0382	0.0281	0.0496	0.0756	0.1210	0.1074
	R-609	SELF-CONFIDENCE	0.1203	0.1276	0.1278	0.0852	0.0699	0.0541	0.0780	0.0958	0.1234	0.0959
	R-610	MATURE PERSONALITY	0.2373	0.2127	0.1839	0.0905	0.0957	0.1005	0.1288	0.2053	0.2512	0.2020
STUDENT INFO BLANK SCALES	D-802	HS CURRIC-ACAD VS OTHER	0.4212	0.4272	0.2773	0.2632	0.1566	0.2206	0.2822	0.3543	0.5415	0.4482
	F-803	HS COURSES(ACAD ORIENT)	0.4682	0.4753	0.3144	0.2997	0.1902	0.2551	0.3441	0.4040	0.6012	0.4959
	P-820	HIGH SCHOOL GRADES	0.4432	0.3851	0.2632	0.1896	0.1461	0.1903	0.2623	0.3875	0.4478	0.3404
	F-822	GUIDANCE RECD IN HS	0.0654	0.0796	0.0839	0.0680	0.0259	0.0389	0.0608	0.0698	0.1064	0.1106
	F-823	GUIDANCE RECD ELSEWHERE	0.1520	0.1864	0.1459	0.0902	0.0751	0.0886	0.1351	0.1565	0.1728	0.1369
	P-827	STUDY HABITS & ATTITUDES	0.3044	0.2904	0.2044	0.1015	0.0827	0.1181	0.1921	0.2574	0.3210	0.2313
	P-828	SELF-PERCEP OF WRTG SKILLS	0.3046	0.3115	0.2284	0.1199	0.0712	0.0870	0.1519	0.2273	0.2385	0.1740
	P-829	SELF-PERCEP OF RDNG SKILLS	0.2462	0.3683	0.2338	0.1110	0.0743	0.0853	0.1408	0.2257	0.2347	0.1658
	F-830	AMT OF EX-CURR RDNG	0.1450	0.2481	0.1678	0.0826	0.0449	0.0788	0.0829	0.1475	0.1732	0.1243
	P-831	VAR OF EX-CURR GRP ACT	0.0924	0.0230	0.0445	0.0206	0.0023	0.0168	0.0186	0.0410	0.0913	0.0975
	F-832	VAR PARTIC IN EX-CURR GRP ACT	0.1309	0.0684	0.0802	0.0498	0.0281	0.0450	0.0545	0.0797	0.1277	0.1188
	P-833	VARIETY OF HOBBIES	0.0698	0.0415	0.1056	0.1428	0.0868	0.1341	0.0991	0.0628	0.0918	0.0969
	F-834	DEGREE OF ACT IN HOBBIES	0.0400	0.0419	0.0997	0.1213	0.0818	0.1224	0.0739	0.0382	0.0608	0.0689
	F-835	PARTICIPATION IN SPORTS	0.0773	0.1124	0.0931	0.1315	0.0975	0.0637	0.1114	0.0766	0.1059	0.1118
	F-836	LEADERSHIP ROLES	0.0854	0.0800	0.0829	0.0724	0.0451	0.0500	0.0746	0.0671	0.0834	0.0812
	F-837	SOCIAL LIFE	0.0233	0.0281	0.0570	0.0535	0.0688	0.0086	0.0539	0.0429	-0.0197	-0.0087
	F-838	WORK ACTIVITIES	-0.0220	-0.0434	0.0032	0.0060	0.0104	0.0196	-0.0033	0.0143	-0.0412	-0.0355

TABLE 6.2 (continued)

F-410	F-420	F-430	F-440	A-410	A-420	A-430	A-440	A-500	P-701	P-702	P-703	P-704		
0.1967	0.0831	0.1193	0.1027	0.2134	0.0546	0.0382	0.0731	0.0821	0.0089	0.0044	0.0039	0.0490	R-101	INFORMATION TEST I
0.2614	0.0537	0.1283	0.1103	0.2214	0.0167	-0.0384	0.0353	-0.0360	0.1017	0.1209	0.0379	0.1517	R-102	
0.2875	0.0619	0.1677	0.1364	0.2752	0.0417	0.0044	0.0629	-0.0175	0.2561	0.2456	0.1700	0.3529	R-103	
0.2753	0.0571	0.1621	0.1458	0.2687	0.0452	0.0113	0.0766	-0.0278	0.1912	0.2034	0.1209	0.2901	R-104	
0.3419	0.0538	0.1466	0.1210	0.3222	0.0311	-0.0285	0.0409	-0.0305	0.2601	0.2232	0.1729	0.2993	R-105	
0.3783	0.0662	0.1824	0.1319	0.4134	0.0872	0.0380	0.0665	-0.0564	0.3864	0.3006	0.1684	0.2870	R-106	
0.2905	0.0386	0.1244	0.1151	0.3029	0.0399	-0.0060	0.0530	-0.0369	0.3658	0.3138	0.1382	0.2649	R-107	
0.2221	0.0095	0.0955	0.0905	0.2055	-0.0039	-0.0312	0.0302	-0.0355	0.2639	0.2881	0.0963	0.2392	R-108	
0.2487	0.0465	0.1226	0.1266	0.2172	0.0168	-0.0359	0.0442	-0.0548	0.1529	0.1318	0.0584	0.1988	R-109	
0.1025	0.0141	0.0534	0.0835	0.1102	0.0126	-0.0209	0.0517	-0.0015	0.2066	0.1761	0.0888	0.1527	R-110	
0.1801	0.0331	0.0766	0.0632	0.1963	0.0361	0.0082	0.0362	0.0197	0.2459	0.2022	0.0850	0.1352	R-111	
0.1979	0.0322	0.0671	0.0992	0.1764	0.0085	-0.0393	0.0534	0.0066	0.1864	0.1509	0.0493	0.1129	R-112	
0.2463	0.0187	0.0743	0.0800	0.2246	-0.0170	-0.0719	0.0151	0.0049	0.1471	0.1380	0.0324	0.1534	R-113	
0.2190	0.0329	0.0699	0.1025	0.1863	0.0083	-0.0572	0.0451	-0.0158	0.1194	0.1167	0.0149	0.0785	R-114	
0.2649	0.0590	0.1144	0.1111	0.2793	0.0497	0.0001	0.0608	0.0127	0.1868	0.1586	0.1361	0.1880	R-115	
0.2406	0.0730	0.1775	0.1828	0.2231	0.0464	0.0199	0.1060	-0.0019	0.1826	0.1843	0.1220	0.2862	R-131	INFORMATION TEST II
0.1986	0.0460	0.0975	0.0932	0.1847	0.0305	-0.0199	0.0359	-0.0040	0.1777	0.1575	0.1451	0.2484	R-132	
0.2587	0.0576	0.1286	0.1230	0.2333	0.0264	-0.0164	0.0476	-0.0073	0.1421	0.1949	0.0500	0.1728	R-133	
0.1822	0.0213	0.0602	0.0866	0.1773	0.0056	-0.0333	0.0477	-0.0059	0.1449	0.1265	0.0450	0.1209	R-134	
0.1872	0.0319	0.1009	0.0851	0.1911	0.0193	-0.0047	0.0465	-0.0242	0.1534	0.1585	0.1067	0.2045	R-135	
0.2382	0.0620	0.1380	0.1010	0.2145	0.0345	0.0012	0.0445	-0.0205	0.1322	0.1315	0.1143	0.2252	R-136	
0.2193	0.0467	0.1213	0.1103	0.2035	0.0278	-0.0025	0.0582	-0.0175	0.1763	0.1720	0.1250	0.2319	R-137	
0.1478	0.0397	0.0826	0.0804	0.1544	0.0397	0.0078	0.0521	0.0238	0.1536	0.1386	0.1177	0.1778	R-138	
0.2698	0.0607	0.1330	0.1159	0.2471	0.0376	-0.0046	0.0467	-0.0054	0.1482	0.0951	0.1319	0.2078	R-139	
0.2281	0.1023	0.1396	0.1463	0.2224	0.0607	0.0173	0.0881	0.0203	0.0757	0.0717	0.0486	0.0984	R-140	
0.1926	0.0843	0.1327	0.1093	0.2151	0.0596	0.0675	0.0821	0.1055	-0.0131	-0.0128	0.0045	0.0403	R-141	
0.1922	0.0323	0.0861	0.0733	0.1795	0.0109	-0.0294	0.0198	0.0063	0.2121	0.1848	0.1138	0.2831	R-142	
0.2018	0.0629	0.1308	0.1337	0.1896	0.0449	0.0111	0.0775	-0.0366	0.0989	0.1084	0.0572	0.1711	R-143	
0.1813	0.0614	0.0942	0.1016	0.1788	0.0344	-0.0021	0.0514	-0.0109	0.0720	0.0640	0.0084	0.1006	R-144	
0.0427	0.0064	0.0095	0.0250	0.0499	0.0039	-0.0016	0.0260	0.0420	0.0188	0.0184	-0.0052	0.0002	R-145	
0.0305	0.0073	0.0209	0.0149	0.0417	0.0078	0.0181	0.0147	0.0409	0.0339	0.0377	0.0055	0.0143	R-146	
0.2272	0.0602	0.1084	0.1414	0.2264	0.0310	-0.0170	0.0780	-0.0131	0.1607	0.1723	0.0532	0.1480	R-147	
0.1763	0.0733	0.1087	0.0989	0.1751	0.0491	0.0141	0.0538	0.0268	0.0599	0.0567	0.0304	0.0806	R-148	
0.1596	0.0752	0.1068	0.1126	0.1867	0.0650	0.0424	0.0831	0.0230	0.1238	0.0733	0.0480	0.0930	R-149	
0.2709	0.1017	0.1895	0.1670	0.2554	0.0669	0.0289	0.0931	0.0049	0.1416	0.1496	0.1212	0.2716	R-150	
0.1673	0.0703	0.1386	0.1266	0.1601	0.0515	0.0253	0.0742	-0.0247	0.0820	0.1243	0.0830	0.1567	R-151	
0.2609	0.0601	0.1490	0.1248	0.2552	0.0557	0.0186	0.0668	0.0073	0.2021	0.1858	0.1101	0.2263	R-152	
0.3044	0.0757	0.1697	0.1488	0.2684	0.0355	-0.0192	0.0572	-0.0358	0.1862	0.1686	0.1032	0.2526	R-162	
0.1775	0.0644	0.0973	0.1136	0.1876	0.0591	0.0364	0.0692	0.0246	0.1206	0.0937	0.0635	0.1221	R-211	
0.2710	0.0702	0.1611	0.1457	0.2773	0.0906	0.0271	0.0840	-0.0112	0.1582	0.1368	0.0659	0.1983	R-212	
0.3146	0.2186	0.3658	0.2785	0.3710	0.2262	0.2595	0.2327	0.0715	0.1074	0.1039	0.0579	0.2098	R-220	
0.3626	0.1048	0.2472	0.1034	0.3732	0.0916	0.0866	0.0308	-0.0229	0.0858	0.0867	0.0709	0.1941	R-231	ENGLISH TEST
0.2921	0.0971	0.1461	0.1122	0.2446	0.0444	-0.0270	0.0391	-0.0690	0.0607	0.0465	0.0205	0.0996	R-232	
0.4202	0.0906	0.2067	0.1518	0.4037	0.0544	-0.0077	0.0428	-0.0855	0.1798	0.1264	0.0662	0.2318	R-233	
0.3138	0.0759	0.1626	0.1152	0.2864	0.0413	-0.0118	0.0290	-0.0641	0.1366	0.1229	0.0681	0.2214	R-234	
0.2777	0.0534	0.1274	0.1143	0.2237	-0.0002	-0.0482	0.0215	-0.1070	0.1048	0.0958	0.0359	0.1723	R-235	
0.3738	0.0728	0.1921	0.1463	0.3767	0.0586	0.0119	0.0584	-0.0871	0.2425	0.1880	0.1065	0.2749	R-240	
0.3729	0.0985	0.2128	0.1913	0.2939	0.0452	-0.0375	0.0731	-0.0876	0.2459	0.2203	0.1363	0.3352	R-250	
0.2701	0.0971	0.1706	0.2009	0.2771	0.0829	0.0292	0.1317	-0.0016	0.1935	0.1574	0.0847	0.2149	R-260	
0.2144	0.0900	0.1421	0.2429	0.2085	0.0579	0.0189	0.1761	-0.0535	0.2529	0.1577	0.0332	0.1325	R-270	
0.2157	0.1629	0.2221	0.2843	0.2456	0.1457	0.1564	0.2444	0.0427	0.1443	0.0611	0.0177	0.0564	R-281	
0.2140	0.1047	0.1386	0.2464	0.1992	0.0674	0.0304	0.1768	-0.0753	0.2394	0.1246	0.0392	0.1162	R-282	
0.3271	0.1198	0.1951	0.2616	0.2811	0.0635	0.0188	0.1583	-0.0964	0.1927	0.1248	0.0488	0.1499	R-290	
0.4097	0.0831	0.1701	0.1505	0.3864	0.0619	-0.0103	0.0514	-0.0853	0.2603	0.1574	0.1107	0.2164	R-311	MATH TEST
0.4367	0.0812	0.1907	0.1379	0.4592	0.0893	0.0310	0.0569	-0.0719	0.3702	0.2507	0.1492	0.2477	R-312	
0.2781	0.0502	0.1426	0.1032	0.3317	0.0838	0.0485	0.0605	-0.0478	0.3177	0.2157	0.1277	0.2050	R-333	
	0.1542	0.2270	0.1489	0.4876	0.0965	0.0275	0.0409	-0.0014	0.1165	0.0528	0.0525	0.0853	F-410	
0.1542		0.3519	0.3724	0.1822	0.6554	0.3341	0.3495	0.1749	0.0115	0.0023	0.0098	0.0030	F-420	
0.2270	0.3519		0.3355	0.2624	0.3353	0.5944	0.3162	0.1275	0.0482	0.0375	0.0440	0.0770	F-430	
0.1489	0.3724	0.3355		0.2259	0.3183	0.3395	0.8331	0.1575	0.0596	0.0371	0.0165	0.0266	F-440	
0.4876	0.1822	0.2624	0.2259		0.3252	0.2391	0.2388	0.1536	0.1756	0.1019	0.0920	0.1192	A-410	
0.0965	0.6554	0.3353	0.3183	0.3252		0.4690	0.4203	0.2636	0.0460	0.0209	0.0347	0.0187	A-420	
0.0275	0.3341	0.5944	0.3395	0.2391	0.4690		0.4487	0.2682	0.0479	0.0349	0.0634	0.0361	A-430	
0.0409	0.3495	0.3162	0.8331	0.2388	0.4203	0.4487		0.2492	0.0485	0.0314	0.0258	0.0104	A-440	
-0.0014	0.1749	0.1275	0.1575	0.1536	0.2636	0.2682	0.2492		-0.0082	0.0011	0.0407	0.0109	A-500	
0.1165	0.0115	0.0482	0.0596	0.1756	0.0460	0.0479	0.0485	-0.0082		0.6664	0.4502	0.4744	P-701	INTEREST INVENTORY
0.0528	0.0023	0.0375	0.0371	0.1019	0.0209	0.0349	0.0314	0.0011	0.6664		0.3422	0.4070	P-702	
0.0525	0.0098	0.0440	0.0165	0.0920	0.0347	0.0634	0.0258	0.0407	0.4502	0.3422		0.5508	P-703	
0.0853	0.0030	0.0770	0.0266	0.1192	0.0187	0.0361	0.0104	0.0109	0.4744	0.4070	0.5508		P-704	
0.0737	0.0068	0.0407	-0.0088	0.1052	0.0187	0.0378	-0.0067	0.0046	0.3111	0.3840	0.3896	0.5117	P-705	
0.0388	0.0005	0.0556	0.0962	0.0520	0.0011	0.0218	0.0776	-0.0202	0.4209	0.3468	0.3768	0.6435	P-706	
0.0358	-0.0163	0.0169	0.0036	0.0735	0.0017	0.0086	0.0067	-0.0078	0.3510	0.2982	0.3017	0.5720	P-707	
0.0815	0.0384	0.0503	0.0654	0.1247	0.0441	0.0349	0.0542	0.0229	0.4219	0.3352	0.3641	0.3892	P-708	
-0.0105	-0.0130	-0.0001	0.0438	0.0195	-0.0047	0.0035	0.0395	0.0097	0.3793	0.3369	0.2753	0.3181	P-709	
0.0421	0.0068	0.0426	0.0072	0.0848	0.0315	0.0570	0.0174	0.0354	0.3765	0.2292	0.6208	0.5346	P-710	
-0.0077	-0.0030	-0.0012	-0.0106	0.0126	0.0091	0.0249	0.0007	0.0287	0.2772	0.1419	0.4596	0.4134	P-711	
0.1088	0.0449	0.0305	0.0123	0.1493	0.0566	0.0619	0.0194	0.0050	0.3434	0.0396	0.2624	0.1666	P-712	
-0.0120	0.0354	-0.0038	-0.0372	-0.0155	0.0147	0.0292	-0.0210	0.0216	-0.1106	-0.2359	0.0100	-0.0143	P-713	
-0.0146	-0.0158	-0.0165	0.0067	0.0247	0.0035	0.0111	0.0150	0.0099	0.6511	0.4240	0.3907	0.3671	P-714	
-0.0513	-0.0317	-0.0484	-0.0259	-0.0323	-0.0228	-0.0084	-0.0132	0.0119	0.3794	0.2120	0.3038	0.3007	P-715	
-0.0115	-0.0246	-0.0209	0.0257	-0.0066	-0.0260	-0.0330	0.0199	-0.0189	0.3760	0.2983	0.2516	0.3056	P-716	
-0.0420	-0.0421	-0.0569	-0.0466	-0.0278	-0.0397	-0.0349	-0.0336	-0.0124	0.2661	0.1173	0.2270	0.2275	P-717	
0.0662	0.0721	0.0855	0.0858	0.1192	0.0911	0.1096	0.1014	0.1295	-0.0377	0.0352	0.0790	0.0563	R-601	STDNT ACTIV INVEN
0.0804	0.0491	0.0992	0.0731	0.1295	0.0627	0.0915	0.0662	0.0888	0.0718	0.1439	0.1089	0.2202	R-602	
0.0023	0.0179	0.0511	0.0520	0.0489	0.0430	0.0890	0.0766	0.1378	0.0596	0.0678	0.1090	0.1540	R-603	
0.0946	0.0508	0.0870	0.0895	0.1635	0.0764	0.0914	0.0977	0.1006	0.1097	0.1559	0.1091	0.1349	R-604	
0.1174	0.0596	0.0885	0.0752	0.1748	0.0844	0.0904	0.0765	0.0985	0.1225	0.1565	0.1062	0.1610	R-605	
0.1031	0.0787	0.0933	0.0767	0.1487	0.0790	0.0989	0.0814	0.0857	0.0090	0.0638	0.0404	0.0592	R-606	
0.1108	0.0494	0.0985	0.0772	0.1681	0.0668	0.0874	0.0782	0.0771	0.1267	0.1911	0.1530	0.2779	R-607	
0.0842	0.0441	0.0973	0.0680	0.1613	0.0994	0.1405	0.0975	0.1104	0.1484	0.1801	0.2092	0.2323	R-608	
0.1054	0.0558	0.1024	0.0735	0.1466	0.0821	0.0891	0.0767	0.0700	0.0956	0.1191	0.1289	0.1530	R-609	
0.1979	0.0638	0.1212	0.0692	0.2765	0.1073	0.1175	0.0721	0.1002	0.1874	0.1987	0.1558	0.2399	R-610	
0.2223	0.0493	0.1238	0.0832	0.2441	0.0604	0.0401	0.0488	-0.0375	0.3037	0.3473	0.1914	0.2828	D-802	STUDENT INFO BLANK SCALES
0.2490	0.0690	0.1752	0.1180	0.2614	0.0827	0.0535	0.0670	-0.0545	0.3233	0.3467	0.1798	0.2883	F-803	
0.2872	0.0721	0.1633	0.0920	0.3346	0.1107	0.0972	0.0644	0.0321	0.2754	0.2106	0.1715	0.2730	P-820	
0.0332	0.0155	0.0491	0.0393	0.0702	0.0414	0.0562	0.0513	0.0034	0.1241	0.1499	0.1405	0.1636	F-822	
0.1225	0.0474	0.0817	0.0791	0.1308	0.0428	0.0426	0.0627	0.0164	0.1146	0.1485	0.1292	0.1868	F-823	
0.2652	0.0601	0.1087	0.0511	0.2479	0.0547	0.0256	0.0193	-0.0470	0.1909	0.1869	0.1216	0.2043	P-827	
0.1512	0.0420	0.1320	0.0570	0.1834	0.0580	0.0724	0.0367	-0.0071	0.1438	0.1757	0.1669	0.4026	P-828	
0.1623	0.0591	0.1274	0.0463	0.1889	0.0713	0.0710	0.0282	0.0659	0.1644	0.1566	0.1497	0.2797	P-829	
0.0738	0.0282	0.0720	0.0266	0.1041	0.0458	0.0542	0.0309	0.0728	0.2017	0.1974	0.1564	0.3220	F-830	
.0172	0.0055	0.0525	-0.0037	0.0793	0.0654	0.0989	0.0442	0.0589	0.1719	0.1849	0.2025	0.2484	P-831	
0.0214	0.0243	0.0715	0.0249	0.1111	0.0729	0.1071	0.0573	0.0566	0.1950	0.2146	0.2234	0.2897	F-832	
-0.0060	0.0231	0.0415	0.0570	0.0395	0.0395	0.0478	0.0701	0.0081	0.2718	0.2301	0.1660	0.2150	P-833	
-0.0156	0.0153	0.0360	0.0649	0.0508	0.0399	0.0723	0.0906	0.0434	0.2363	0.2315	0.1453	0.2342	F-834	
0.0787	0.0674	0.1000	0.1036	0.1346	0.0792	0.0857	0.1029	0.0413	0.1806	0.1888	0.1387	0.1347	F-835	
0.0311	0.0351	0.0792	0.0670	0.0879	0.0653	0.0897	0.0786	0.0226	0.0829	0.1135	0.0993	0.1236	F-836	
0.0311	0.0761	0.0999	0.1030	0.0263	0.0659	0.0635	0.0850	0.0266	-0.0698	-0.0441	-0.0043	0.0034	F-837	
-0.0082	-0.0019	0.0011	-0.0058	0.0174	0.0137	0.0054	0.0081	0.0141	0.0191	0.0262	[illegible]	0.0002	F-838	

TABLE 6.2 (continued)

			P-705	P-706	P-707	P-708	P-709	P-710	P-711	P-712	P-713	P-711
INFORMATION TEST I	R-101	SCREENING	0.0326	0.0395	0.0155	0.0206	-0.0099	-0.0006	-0.0162	-0.0182	-0.0192	-0.0404
	R-102	VOCABULARY I	0.0226	0.1362	0.0749	-0.0488	0.0104	-0.0209	-0.0204	-0.0750	-0.1805	-0.0145
	R-103	LITERATURE	0.0807	0.2833	0.1870	0.1201	0.1303	0.0387	0.0066	-0.1364	-0.3170	0.0576
	R-104	MUSIC	0.0910	0.2480	0.3026	0.0997	0.0845	0.0357	0.0033	-0.1101	-0.2460	0.0315
	R-105	SOCIAL STUDIES	0.0932	0.2246	0.1502	0.1270	0.1091	0.0644	0.0246	-0.0445	-0.2520	0.0611
	R-106	MATHEMATICS	0.1479	0.2046	0.1842	0.1604	0.0958	0.0573	-0.0017	0.0039	-0.3155	0.0922
	R-107	PHYSICAL SCIENCES	0.0733	0.2362	0.1761	0.1410	0.1502	0.0227	-0.0174	-0.0459	-0.2888	0.1207
	R-108	BIOLOGICAL SCIENCES	0.0467	0.2410	0.1503	0.1188	0.1799	0.0105	-0.0219	-0.0835	-0.2491	0.0984
	R-109	SCIENTIFIC ATTITUDE	0.0534	0.1837	0.1046	0.0803	0.0708	0.0250	-0.0003	-0.0633	-0.1858	0.0196
	R-110	AERONAUTICS AND SPACE	-0.0082	0.1638	0.1110	0.0929	0.1390	0.0143	-0.0087	-0.0680	-0.1905	0.1007
	R-111	ELECTRICITY,ELECTRONICS	0.0361	0.1349	0.1013	0.0980	0.1090	0.0273	0.0003	0.0024	-0.1494	0.1199
	R-112	MECHANICS	0.0032	0.1409	0.0797	0.1000	0.1468	0.0213	0.0128	-0.0001	-0.1136	0.1259
	R-113	FARMING	0.0093	0.1514	0.1046	0.0868	0.1424	-0.0059	-0.0178	-0.0433	-0.1328	0.0694
	R-114	HOME ECONOMICS	0.0338	0.1242	0.0527	0.0392	0.0625	0.0056	0.0040	-0.0013	-0.0832	0.0539
	R-115	SPORTS	0.0839	0.1379	0.1035	0.2491	0.1334	0.0803	0.0411	-0.0083	-0.1476	0.0739
INFORMATION TEST II	R-131	ART	0.0387	0.3054	0.1462	0.0827	0.0999	0.0401	0.0171	-0.1259	-0.2640	0.0450
	R-132	LAW	0.0658	0.1859	0.1190	0.1056	0.1056	0.0701	0.0409	-0.0502	-0.1829	0.0564
	R-133	HEALTH	0.0591	0.1504	0.0874	0.0543	0.0575	0.0039	-0.0185	-0.0667	-0.1685	0.0149
	R-134	ENGINEERING	0.0248	0.1490	0.0873	0.0836	0.1078	0.0198	0.0030	-0.0317	-0.1152	0.0656
	R-135	ARCHITECTURE	0.0499	0.2051	0.1195	0.0878	0.0751	0.0376	0.0179	-0.0644	-0.1747	0.0478
	R-136	JOURNALISM	0.0684	0.1599	0.0968	0.0697	0.0410	0.0552	0.0340	-0.0440	-0.1581	0.0218
	R-137	FOREIGN TRAVEL	0.0270	0.2125	0.1253	0.0891	0.1089	0.0222	0.0131	-0.1073	-0.2362	0.0501
	R-138	MILITARY	0.0502	0.1379	0.1033	0.0972	0.0716	0.0536	0.0325	-0.0521	-0.1708	0.0546
	R-139	ACCOUNTING,BUSINESS,SALES	0.0383	0.1548	0.0716	0.0562	0.0307	0.0970	0.0736	0.0247	-0.1184	0.0350
	R-140	PRACTICAL KNOWLEDGE	0.0452	0.0902	0.0287	0.0712	0.0311	0.0324	-0.0009	-0.0069	-0.0816	-0.0044
	R-141	CLERICAL	0.0106	0.0094	-0.0055	0.0104	-0.0164	0.0316	0.0116	0.0494	0.0890	-0.0267
	R-142	BIBLE	0.1199	0.2081	0.2210	0.1108	0.1161	0.0312	-0.0182	-0.0746	-0.1825	0.0797
	R-143	COLORS	0.0428	0.1929	0.1033	0.0394	0.0376	0.0166	0.0063	-0.0609	-0.1339	0.0128
	R-144	ETIQUETTE	0.0503	0.0930	0.0863	0.0575	0.0221	0.0008	-0.0087	-0.0219	-0.0850	-0.0012
	R-145	HUNTING	-0.0297	0.0094	-0.0053	0.0330	0.0639	-0.0050	-0.0017	-0.0013	-0.0107	0.0181
	R-146	FISHING	-0.0029	0.0208	0.0009	0.0412	0.0758	0.0026	-0.0023	-0.0102	-0.0162	0.0386
	R-147	OUTDOOR ACTIVITIES(OTHER)	0.0472	0.1592	0.0901	0.1309	0.1249	0.0188	-0.0025	-0.0577	-0.1721	0.0525
	R-148	PHOTOGRAPHY	0.0248	0.0745	0.0531	0.0384	0.0314	0.0179	-0.0054	-0.0042	-0.0484	0.0032
	R-149	GAMES(SEDENTARY)	0.0106	0.0817	0.0445	0.0760	0.0425	0.0078	-0.0073	-0.0112	-0.1142	0.0056
	R-150	THEATER,BALLET	0.0620	0.2140	0.1350	0.0858	0.0549	0.0470	0.0200	-0.1152	-0.2250	-0.0006
	R-151	FOODS	0.0423	0.1499	0.0548	0.0277	0.0114	0.0210	0.0212	-0.1043	-0.1972	-0.0238
	R-152	MISCELLANEOUS	0.0632	0.1861	0.1278	0.0912	0.0707	0.0388	0.0051	-0.0474	-0.1960	0.0472
	R-162	VOCABULARY II	0.0601	0.2188	0.1253	0.0867	0.0772	0.0509	0.0277	-0.0500	-0.1917	0.0412
	R-211	MEMORY FOR SENTENCES	0.0533	0.1063	0.0672	0.0651	0.0558	0.0369	0.0040	0.0187	-0.0623	0.0378
	R-212	MEMORY FOR WORDS	0.0721	0.1634	0.1163	0.0963	0.0691	0.0194	-0.0201	-0.0303	-0.1349	0.0359
	R-220	DISGUISED WORDS	0.0503	0.1668	0.1155	0.0848	0.0500	0.0284	-0.0232	-0.0541	-0.1041	-0.0061
ENGLISH TEST	R-231	SPELLING	0.0884	0.0949	0.1125	0.0565	-0.0125	0.0409	-0.0145	0.0096	-0.0438	-0.0141
	R-232	CAPITALIZATION	0.0470	0.0748	0.0391	0.0432	0.0105	0.0056	-0.0097	-0.0026	-0.0445	-0.0213
	R-233	PUNCTUATION	0.0961	0.1709	0.1452	0.0974	0.0507	0.0362	-0.0164	0.0180	-0.1219	0.0092
	R-234	USAGE	0.0790	0.1663	0.1330	0.0607	0.0265	0.0182	-0.0143	-0.0541	-0.1480	0.0072
	R-235	EFFECTIVE EXPRESSION	0.0447	0.1478	0.0938	0.0772	0.0460	0.0082	-0.0128	-0.0638	-0.1332	-0.0026
	R-240	WORD FUNCTIONS IN SENTENCES	0.1381	0.1973	0.1699	0.1225	0.0639	0.0520	-0.0058	0.0002	-0.1865	0.0330
	R-250	READING COMPREHENSION	0.0889	0.2788	0.1715	0.1306	0.1239	0.0524	0.0004	-0.0893	-0.2617	0.0482
	R-260	CREATIVITY	0.0570	0.2197	0.1196	0.0972	0.1015	0.0478	0.0224	-0.0169	-0.1561	0.0619
	R-270	MECHANICAL REASONING	-0.0082	0.2289	0.1295	0.1374	0.1788	-0.0045	-0.0125	-0.0049	-0.1748	0.1173
	R-281	VISUALIZATION IN 2-DIMENSIONS	-0.0094	0.1254	0.0565	0.0862	0.0929	0.0076	-0.0091	0.0430	-0.0635	0.0439
	R-282	VISUALIZATION IN 3-DIMENSIONS	0.0137	0.2365	0.1086	0.0984	0.1320	0.0205	0.0050	0.0631	-0.1150	0.1022
	R-290	ABSTRACT REASONING	0.0432	0.2042	0.1036	0.1076	0.0879	0.0215	-0.0086	0.0347	-0.1265	0.0333
MATH TEST	R-311	ARITHMETIC REASONING	0.0894	0.1736	0.1041	0.1100	0.0684	0.0694	0.0229	0.0787	-0.1554	0.0612
	R-312	INTRODUCTORY HIGH SCHOOL MATH	0.1400	0.1711	0.1565	0.1532	0.0812	0.0594	-0.0030	0.0661	-0.2484	0.0872
	R-333	ADVANCED MATH	0.1034	0.1507	0.1300	0.1227	0.0795	0.0546	0.0059	0.0338	-0.2250	0.0782
	F-410	ARITHMETIC COMPUTATION	0.0737	0.0388	0.0358	0.0815	-0.0105	0.0421	-0.0077	0.1088	-0.0120	-0.0146
	F-420	TABLE READING	0.0068	0.0005	-0.0163	0.0384	-0.0130	0.0068	-0.0030	0.0449	0.0354	-0.0158
	F-430	CLERICAL CHECKING	0.0407	0.0556	0.0169	0.0503	-0.0001	0.0426	-0.0012	0.0305	-0.0038	-0.0165
	F-440	OBJECT INSPECTION	-0.0088	0.0962	0.0036	0.0654	0.0438	0.0072	-0.0106	0.0123	-0.0372	0.0067
	A-410	ARITHMETIC COMPUTATION	0.1052	0.0520	0.0735	0.1247	0.0195	0.0848	0.0126	0.1493	-0.0155	0.0247
	A-420	TABLE READING	0.0187	0.0011	0.0017	0.0441	-0.0047	0.0315	0.0091	0.0566	0.0147	0.0035
	A-430	CLERICAL CHECKING	0.0378	0.0218	0.0086	0.0349	0.0035	0.0570	0.0249	0.0619	0.0292	0.0111
	A-440	OBJECT INSPECTION	-0.0067	0.0776	0.0067	0.0542	0.0395	0.0174	0.0007	0.0194	-0.0210	0.0150
	A-500	PREFERENCES	0.0046	-0.0202	-0.0078	0.0229	0.0097	0.0354	0.0287	0.0050	0.0216	0.0099
INTEREST INVENTORY	P-701	PHYSICAL SCIENCE,ENGRNG.,MATH	0.3111	0.4209	0.3510	0.4219	0.3793	0.3765	0.2772	0.3434	-0.1106	0.6511
	P-702	BIOLOGICAL SCIENCE & MEDICINE	0.3840	0.3468	0.2982	0.3352	0.3369	0.2292	0.1419	0.0396	-0.2359	0.4240
	P-703	PUBLIC SERVICE	0.3896	0.3768	0.3017	0.3641	0.2753	0.6208	0.4596	0.2624	0.0100	0.3907
	P-704	LITERARY,LINGUISTICS	0.5117	0.6435	0.5720	0.3892	0.3181	0.5346	0.4134	0.1666	-0.0143	0.3671
	P-705	SOCIAL SERVICE		0.2915	0.3386	0.3357	0.1694	0.4795	0.3709	0.2773	0.1857	0.2759
	P-706	ARTISTIC	0.2915		0.5147	0.3626	0.3715	0.3731	0.3236	0.0714	-0.0687	0.3820
	P-707	MUSICAL	0.3386	0.5147		0.2896	0.2578	0.2762	0.2008	0.0972	-0.0210	0.2823
	P-708	SPORTS	0.3357	0.3626	0.2896		0.5274	0.3691	0.2727	0.1781	0.0417	0.4418
	P-709	HUNTING & FISHING	0.1694	0.3715	0.2578	0.5274		0.2462	0.2099	0.0662	-0.0517	0.4446
	P-710	BUSINESS MANAGEMENT	0.4795	0.3731	0.2762	0.3691	0.2462		0.6828	0.4817	0.3128	0.4538
	P-711	SALES	0.3709	0.3236	0.2008	0.2727	0.2099	0.6828		0.4318	0.3158	0.4218
	P-712	COMPUTATION	0.2773	0.0714	0.0972	0.1781	0.0662	0.4817	0.4318		0.5928	0.3374
	P-713	OFFICE WORK	0.1857	-0.0687	-0.0210	0.0417	-0.0517	0.3128	0.3158	0.5928		0.1318
	P-714	MECHANICAL,TECHNICAL	0.2759	0.3820	0.2823	0.4418	0.4446	0.4538	0.4218	0.3374	0.1318	
	P-715	SKILLED TRADES	0.3093	0.3493	0.2480	0.3890	0.3909	0.4614	0.4828	0.3429	0.2954	0.7556
	P-716	FARMING	0.2351	0.3721	0.2536	0.4725	0.6237	0.2754	0.2779	0.1236	0.0127	0.5126
	P-717	LABOR	0.2692	0.2125	0.1829	0.3189	0.3329	0.4152	0.4361	0.2975	0.2856	0.5704
STDNT ACTIV INVEN	R-601	SOCIABILITY	0.1665	0.0185	0.0024	0.1229	-0.0041	0.1402	0.0734	0.0286	0.0690	-0.0542
	R-602	SOCIAL SENSITIVITY	0.2116	0.1594	0.1291	0.0663	0.0263	0.1171	0.0479	-0.0012	-0.0345	-0.0091
	R-603	IMPULSIVENESS	-0.0015	0.1174	0.0538	0.0895	0.1158	0.0724	0.0431	-0.0880	-0.1089	0.0605
	R-604	VIGOR	0.1483	0.0925	0.1072	0.2831	0.1598	0.1007	0.0190	0.0161	-0.0522	0.0445
	R-605	CALMNESS	0.1741	0.1118	0.1174	0.0976	0.0539	0.1009	0.0327	0.0578	-0.0284	0.0272
	R-606	TIDINESS	0.1232	0.0463	0.0571	0.0009	-0.0574	0.0720	0.0139	0.0867	0.0782	-0.0587
	R-607	CULTURE	0.2055	0.2311	0.2515	0.0794	0.0319	0.1266	0.0409	0.0000	-0.0930	-0.0132
	R-608	LEADERSHIP	0.1955	0.1374	0.1478	0.1616	0.0867	0.2023	0.0784	0.0439	-0.0770	0.0439
	R-609	SELF-CONFIDENCE	0.1171	0.0849	0.0847	0.1081	0.0563	0.1064	0.0373	0.0096	-0.0805	0.0035
	R-610	MATURE PERSONALITY	0.2257	0.1223	0.1604	0.0978	0.0418	0.1404	0.0371	0.1080	-0.0353	0.0211
STUDENT INFO BLANK SCALES	D-802	HS CURRIC-ACAD VS OTHER	0.2057	0.1928	0.1907	0.1449	0.0795	0.0424	-0.0164	-0.1239	-0.3960	0.0501
	F-803	HS COURSES(ACAD ORIENT)	0.1847	0.1900	0.1709	0.1412	0.0781	0.0418	-0.0177	-0.0957	-0.3838	0.0585
	P-820	HIGH SCHOOL GRADES	0.1663	0.1377	0.1736	0.1099	0.0291	0.1131	0.0114	0.1144	-0.1052	0.0446
	F-822	GUIDANCE RECD IN HS	0.1737	0.1034	0.1109	0.1001	0.0665	0.1221	0.0781	0.0355	-0.0622	0.0479
	F-823	GUIDANCE RECD ELSEWHERE	0.2048	0.1175	0.1144	0.0947	0.0522	0.1283	0.0781	0.0430	-0.0531	0.0344
	P-827	STUDY HABITS & ATTITUDES	0.1949	0.0859	0.1339	0.0454	-0.0188	0.0795	0.0199	0.1203	-0.0420	-0.0041
	P-828	SELF-PERCEP OF WRTG SKILLS	0.1654	0.2114	0.2072	0.0695	0.0463	0.1122	0.0483	-0.0323	-0.1298	0.0280
	P-829	SELF-PERCEP OF RDNG SKILLS	0.0817	0.1449	0.1272	0.0505	0.0468	0.0713	0.0155	-0.0145	-0.1305	0.0302
	F-830	AMT OF EX-CURR RDNG	0.1038	0.1843	0.1808	0.0879	0.1033	0.0630	0.0236	-0.0465	-0.1645	0.0819
	P-831	VAR OF EX-CURR GRP ACT	0.2155	0.1661	0.2071	0.1571	0.0903	0.1923	0.1264	[illegible]	-0.0468	0.1074
	F-832	VAR PARTIC IN EX-CURR GRP ACT	0.2701	0.1949	0.2581	0.1930	0.1072	0.2061	0.1201	0.0724	-0.0502	0.1053
	P-833	VARIETY OF HOBBIES	0.1585	0.2711	0.2013	0.2222	0.2569	0.1723	0.1470	0.1073	-0.0151	0.2764
	F-834	DEGREE OF ACT IN HOBBIES	0.1929	0.3081	0.2473	0.1990	0.2573	0.1529	0.1281	0.0871	-0.0077	0.2152
	F-835	PARTICIPATION IN SPORTS	0.1286	0.1444	0.0801	0.4485	0.2735	0.1386	0.0733	0.0317	-0.0532	0.1423
	F-836	LEADERSHIP ROLES	0.1392	0.0835	0.0884	0.1493	0.0734	0.1121	0.0449	0.0136	-0.0465	0.0264
	F-837	SOCIAL LIFE	-0.0160	0.0456	-0.0547	0.0537	0.0188	0.0634	0.0442	-0.0160	0.0352	-0.0389
	F-838	WORK ACTIVITIES	0.0708	-0.0108	0.0151	0.0671	0.0584	0.0476	0.0359	0.0784	[illegible]	0.0695

TABLE 6.2 (continued)

P-715	P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606	R-607	R-608	R-609	R-610		
-0.0536	-0.0066	-0.0500	0.1204	0.1254	0.0551	0.0961	0.1117	0.1254	0.1390	0.0438	0.0913	0.1311	INFORMATION TEST I	R-101
-0.0882	0.0302	-0.0913	-0.0125	0.1042	0.0512	0.0197	0.0897	0.0473	0.1144	0.0191	0.0712	0.1215		R-102
-0.0764	0.1341	-0.0884	-0.0130	0.1572	0.1442	0.0879	0.1368	0.0210	0.2081	0.0973	0.1248	0.2078		R-103
-0.0718	0.0836	-0.0804	0.0436	0.1671	0.1223	0.1232	0.1570	0.0804	0.2424	0.1427	0.1436	0.2183		R-104
-0.0594	0.1278	-0.0577	-0.0195	0.1328	0.0977	0.0918	0.1353	0.0452	0.1791	0.0884	0.1065	0.2227		R-105
-0.0545	0.0934	-0.0572	0.0004	0.1351	0.0726	0.1344	0.1674	0.0631	0.2055	0.1493	0.1513	0.2744		R-106
-0.0213	0.1495	-0.0246	-0.0481	0.1086	0.0872	0.0918	0.1355	0.0206	0.1564	0.1007	0.1168	0.2197		R-107
-0.0055	0.1774	-0.0194	-0.0396	0.1063	0.0872	0.0879	0.1181	0.0162	0.1504	0.0868	0.0921	0.1778		R-108
-0.0603	0.0927	-0.0552	0.0216	0.1300	0.0723	0.0739	0.1119	0.0139	0.1328	0.0636	0.1016	0.1404		R-109
-0.0041	0.1479	-0.0122	-0.0438	0.0551	0.0846	0.0394	0.0652	-0.0327	0.0646	0.0258	0.0620	0.0831		R-110
0.0131	0.1187	0.0013	-0.0172	0.0709	0.0499	0.0725	0.1121	0.0267	0.0952	0.0615	0.0864	0.1540		R-111
0.0581	0.1774	0.0464	-0.0193	0.0302	0.0730	0.0851	0.1053	0.0062	0.0653	0.0292	0.0364	0.1197		R-112
0.0199	0.1398	0.0382	-0.0238	0.0524	0.0754	0.0876	0.0999	-0.0012	0.1036	0.0453	0.0797	0.1307		R-113
0.0478	0.1185	0.0370	0.0036	0.0700	0.0540	0.0549	0.1076	0.0587	0.1099	0.0365	0.0760	0.1429		R-114
0.0025	0.1310	0.0007	0.0626	0.0628	0.0971	0.1784	0.1239	0.0138	0.1176	0.1255	0.1229	0.1629		R-115
-0.0713	0.1085	-0.0849	0.0021	0.1471	0.1344	0.0603	0.1137	0.0343	0.1738	0.0661	0.1101	0.1600	INFORMATION TEST II	R-131
-0.0385	0.1059	-0.0451	-0.0194	0.0932	0.0990	0.0500	0.0959	-0.0012	0.1133	0.0595	0.0920	0.1450		R-132
-0.0636	0.0624	-0.0697	0.0325	0.1508	0.0594	0.0878	0.1286	0.0810	0.1489	0.0664	0.0942	0.1780		R-133
0.0085	0.1375	0.0111	0.0055	0.0534	0.0574	0.0847	0.0956	0.0332	0.0871	0.0381	0.0695	0.1163		R-134
-0.0255	0.0815	-0.0347	0.0005	0.0917	0.0831	0.0655	0.0982	0.0459	0.1421	0.0711	0.0919	0.1430		R-135
-0.0586	0.0509	-0.0671	0.0084	0.1147	0.0925	0.0511	0.1031	0.0434	0.1304	0.0753	0.0947	0.1546		R-136
-0.0498	0.1151	-0.0443	-0.0193	0.1032	0.1057	0.0481	0.0881	0.0057	0.1348	0.0550	0.0967	0.1429		R-137
-0.0282	0.0744	-0.0363	0.0020	0.0738	0.0982	0.0546	0.0914	0.0061	0.1090	0.0782	0.0879	0.1211		R-138
-0.0533	0.0483	-0.0598	0.0105	0.1072	0.1021	0.0378	0.0973	0.0301	0.1239	0.0587	0.0827	0.1566		R-139
-0.0598	0.0436	-0.0556	0.0826	0.1114	0.0661	0.0862	0.1104	0.0790	0.1133	0.0572	0.1022	0.1293		R-140
-0.0293	-0.0154	-0.0247	0.0894	0.0843	0.0544	0.0647	0.0937	0.0880	0.0735	0.0302	0.0668	0.1088		R-141
-0.0044	0.1257	-0.0135	-0.0368	0.1013	0.1056	0.0569	0.0995	-0.0005	0.1606	0.0773	0.0976	0.1512		R-142
-0.0324	0.0373	-0.0553	0.0434	0.1066	0.0826	0.0717	0.0871	0.0584	0.1367	0.0804	0.0934	0.1252		R-143
-0.0207	0.0464	-0.0048	0.0358	0.0860	0.0433	0.0704	0.0871	0.0486	0.1111	0.0599	0.0734	0.1142		R-144
0.0076	0.0639	0.0223	-0.0002	0.0111	0.0349	0.0484	0.0327	0.0131	0.0100	0.0035	0.0270	0.0408		R-145
0.0298	0.0553	0.0232	0.0085	0.0139	0.0292	0.0455	0.0309	0.0070	0.0189	0.0259	0.0111	0.0461		R-146
-0.0214	0.1331	-0.0155	0.0439	0.0967	0.0923	0.1239	0.1198	0.0331	0.1236	0.0778	0.1161	0.1339		R-147
-0.0319	0.0425	-0.0294	0.0520	0.1004	0.0456	0.0801	0.0945	0.0713	0.0948	0.0451	0.0817	0.1036		R-148
-0.0499	0.0486	-0.0481	0.0303	0.0566	0.0558	0.0771	0.0657	0.0088	0.0775	0.0459	0.0673	0.0868		R-149
-0.0908	0.0599	-0.0850	0.0551	0.1584	0.1458	0.0865	0.1282	0.0436	0.1787	0.0991	0.1303	0.1788		R-150
-0.0866	0.0247	-0.0921	0.0715	0.1285	0.1200	0.0637	0.0959	0.0566	0.1439	0.0726	0.1018	0.1221		R-151
-0.0455	0.0759	-0.0598	0.0235	0.1273	0.0927	0.0823	0.1347	0.0494	0.1597	0.0865	0.1159	0.1876		R-152
-0.0574	0.0917	-0.0629	0.0150	0.1455	0.1059	0.0724	0.1232	0.0511	0.1585	0.0788	0.1164	0.1843		R-162
-0.0090	0.0449	-0.0098	0.0040	0.0539	0.0028	0.0449	0.0663	0.0341	0.0770	0.0504	0.0768	0.1010		R-211
-0.0373	0.0672	-0.0433	0.0061	0.0912	0.0260	0.0650	0.0880	0.0315	0.1141	0.0658	0.0751	0.1416		R-212
-0.0740	0.0258	-0.0851	0.1120	0.1797	0.1209	0.1271	0.1407	0.1020	0.1652	0.1261	0.1411	0.1939		R-220
-0.0552	-0.0234	-0.0465	0.0429	0.1255	0.0314	0.0747	0.1060	0.1151	0.1527	0.0963	0.0872	0.2037	ENGLISH TEST	R-231
-0.0616	0.0131	-0.0427	0.0323	0.0870	0.0064	0.0596	0.0838	0.0657	0.0992	0.0410	0.0592	0.1061		R-232
-0.0547	0.0591	-0.0426	0.0123	0.1270	0.0290	0.0755	0.1277	0.0826	0.1649	0.0852	0.1054	0.2169		R-233
-0.0598	0.0364	-0.0552	0.0037	0.1278	0.0504	0.0569	0.1136	0.0622	0.1471	0.0628	0.0967	0.1643		R-234
-0.0607	0.0580	-0.0531	0.0075	0.0982	0.0285	0.0450	0.0904	0.0386	0.0975	0.0399	0.0543	0.1169		R-235
-0.0510	0.0658	-0.0443	0.0098	0.1278	0.0475	0.0994	0.1410	0.0652	0.1741	0.1080	0.1233	0.2373		R-240
-0.0730	0.1367	-0.0794	-0.0054	0.1655	0.1169	0.0931	0.1432	0.0406	0.1908	0.0809	0.1276	0.2127		R-250
-0.0245	0.1205	-0.0250	0.0360	0.1291	0.0869	0.0946	0.1439	0.0487	0.1446	0.0849	0.1278	0.1839		R-260
0.0280	0.1956	0.0181	-0.0232	0.0539	0.0692	0.0926	0.0903	-0.0220	0.0637	0.0374	0.0852	0.0905		R-270
0.0010	0.0908	-0.0018	0.0188	0.0380	0.0456	0.0758	0.0808	0.0328	0.0543	0.0382	0.0699	0.0957		R-281
0.0514	0.1519	0.0359	-0.0511	0.0298	0.0237	0.0541	0.0768	-0.0076	0.0619	0.0281	0.0541	0.1005		R-282
-0.0235	0.1048	-0.0242	0.0122	0.0841	0.0280	0.0825	0.1037	0.0448	0.1088	0.0496	0.0780	0.1288		R-290
-0.0290	0.0859	-0.0266	-0.0137	0.1025	0.0508	0.0712	0.1135	0.0249	0.1233	0.0756	0.0958	0.2053	MATH TEST	R-311
-0.0407	0.0883	-0.0378	-0.0039	0.1077	0.0520	0.1141	0.1532	0.0508	0.1610	0.1210	0.1234	0.2512		R-312
-0.0365	0.0725	-0.0416	-0.0050	0.0954	0.0453	0.0928	0.1230	0.0384	0.1341	0.1074	0.0959	0.2020		R-333
-0.0513	-0.0115	-0.0420	0.0662	0.0804	0.0023	0.0946	0.1174	0.1031	0.1108	0.0842	0.1054	0.1979		F-410
-0.0317	-0.0246	-0.0421	0.0721	0.0491	0.0179	0.0508	0.0596	0.0787	0.0494	0.0441	0.0558	0.0638		F-420
-0.0484	-0.0209	-0.0569	0.0855	0.0992	0.0511	0.0870	0.0885	0.0933	0.0985	0.0973	0.1024	0.1212		F-430
-0.0259	0.0257	-0.0466	0.0858	0.0731	0.0520	0.0895	0.0752	0.0767	0.0772	0.0680	0.0735	0.0692		F-440
-0.0323	-0.0066	-0.0278	0.1192	0.1295	0.0489	0.1635	0.1748	0.1487	0.1681	0.1613	0.1466	0.2765		A-410
-0.0228	-0.0260	-0.0397	0.0911	0.0627	0.0430	0.0764	0.0844	0.0790	0.0668	0.0994	0.0821	0.1073		A-420
-0.0084	-0.0330	-0.0349	0.1096	0.0915	0.0890	0.0914	0.0904	0.0989	0.0874	0.1405	0.0891	0.1175		A-430
-0.0132	0.0199	-0.0336	0.1014	0.0652	0.0766	0.0977	0.0765	0.0814	0.0782	0.0975	0.0767	0.0721		A-440
0.0119	-0.0189	-0.0124	0.1295	0.0888	0.1378	0.1006	0.0985	0.0857	0.0771	0.1104	0.0700	0.1002		A-500
0.3794	0.3760	0.2661	-0.0377	0.0718	0.0596	0.1097	0.1225	0.0090	0.1267	0.1484	0.0956	0.1874	INTEREST INVENTORY	P-701
0.2120	0.2983	0.1173	0.0352	0.1439	0.0678	0.1559	0.1565	0.0638	0.1911	0.1801	0.1191	0.1987		P-702
0.3038	0.2516	0.2270	0.0790	0.1089	0.1090	0.1091	0.1062	0.0404	0.1530	0.2092	0.1289	0.1558		P-703
0.3007	0.3056	0.2275	0.0563	0.2202	0.1540	0.1349	0.1610	0.0592	0.2779	0.2323	0.1530	0.2399		P-704
0.3093	0.2351	0.2692	0.1665	0.2116	-0.0015	0.1483	0.1741	0.1232	0.2055	0.1955	0.1171	0.2257		P-705
0.3493	0.3721	0.2125	0.0185	0.1594	0.1174	0.0925	0.1118	0.0463	0.2311	0.1374	0.0849	0.1223		P-706
0.2480	0.2536	0.1829	0.0024	0.1291	0.0538	0.1072	0.1174	0.0571	0.2515	0.1478	0.0347	0.1604		P-707
0.3890	0.4725	0.3189	0.1229	0.0663	0.0895	0.2831	0.0976	0.0009	0.0794	0.1616	0.1081	0.0978		P-708
0.3909	0.6237	0.3329	-0.0041	0.0263	0.1158	0.1598	0.0539	-0.0574	0.0319	0.0867	0.0563	0.0418		P-709
0.4614	0.2754	0.4152	0.1402	0.1171	0.0724	0.1007	0.1009	0.0720	0.1266	0.2023	0.1064	0.1404		P-710
0.4828	0.2779	0.4361	0.0734	0.0479	0.0431	0.0190	0.0327	0.0139	0.0409	0.0784	0.0373	0.0371		P-711
0.3429	0.1236	0.2975	0.0286	-0.0012	-0.0880	0.0161	0.0578	0.0867	0.0000	0.0439	0.0096	0.1080		P-712
0.2954	0.0127	0.2856	0.0690	-0.0345	-0.1089	-0.0522	-0.0284	0.0782	-0.0930	-0.0770	-0.0905	-0.0353		P-713
0.7556	0.5126	0.5704	-0.0542	-0.0091	0.0605	0.0445	0.0272	-0.0587	-0.0132	0.0439	0.0035	0.0211		P-714
	0.5201	0.7569	-0.0491	-0.0495	0.0255	0.0032	-0.0242	-0.0611	-0.0674	-0.0017	-0.0512	-0.0429		P-715
0.5201		0.4778	-0.0771	0.0042	0.0780	0.1063	0.0288	-0.0754	-0.0072	0.0226	-0.0090	0.0167		P-716
0.7569	0.4778		-0.0791	-0.0794	0.0204	-0.0287	-0.0495	-0.0853	-0.1141	-0.0302	-0.0747	-0.0663		P-717
-0.0491	-0.0771	-0.0791		0.4595	0.1898	0.4992	0.3696	0.3331	0.3785	0.3637	0.4089	0.3432	STDNT ACTIV INVEN	R-601
-0.0495	0.0042	-0.0794	0.4595		0.1557	0.3732	0.5509	0.4582	0.5782	0.3795	0.2881	0.5500		R-602
0.0255	0.0780	0.0204	0.1898	0.1557		0.2282	0.0578	-0.0083	0.1303	0.2133	0.1290	0.1153		R-603
0.0032	0.1063	-0.0287	0.4992	0.3732	0.2282		0.3851	0.3304	0.4081	0.4223	0.3548	0.4657		R-604
-0.0242	0.0288	-0.0495	0.3696	0.5509	0.0578	0.3851		0.4764	0.5221	0.3738	0.4391	0.5785		R-605
-0.0611	-0.0754	-0.0853	0.3331	0.4582	-0.0083	0.3304	0.4764		0.5366	0.2968	0.2460	0.5876		R-606
-0.0674	-0.0072	-0.1141	0.3785	0.5782	0.1303	0.4081	0.5221	0.5366		0.4179	0.3224	0.5828		R-607
-0.0017	0.0226	-0.0302	0.3637	0.3795	0.2133	0.4223	0.3738	0.2968	0.4179		0.3704	0.4711		R-608
-0.0512	-0.0090	-0.0747	0.4089	0.2881	0.1290	0.3548	0.4391	0.2460	0.3224	0.3704		0.4008		R-609
-0.0429	0.0167	-0.0663	0.3432	0.5500	0.1153	0.4657	0.5785	0.5876	0.5828	0.4711	0.4008			R-610
-0.0892	0.0552	-0.1068	0.0508	0.1524	0.0671	0.1576	0.1764	0.0893	0.2454	0.1897	0.1590	0.2410	STUDENT INFO BLANK SCALES	D-802
-0.0934	0.0626	-0.1048	0.0433	0.1623	0.0792	0.1492	0.1661	0.0767	0.2348	0.1821	0.1577	0.2396		F-803
-0.0498	0.0044	-0.0788	0.0574	0.1781	0.0187	0.1544	0.2323	0.1879	0.2548	0.2449	0.1850	0.4007		P-820
0.0214	0.0339	0.0054	0.1346	0.1492	0.0672	0.1388	0.1039	0.1022	0.1672	0.1927	0.1287	0.1827		F-822
-0.0027	0.0448	-0.0200	0.1612	0.1836	0.0531	0.1495	0.1547	0.1171	0.2005	0.1808	0.1519	0.2035		F-823
-0.0728	-0.0149	-0.0762	0.0824	0.2241	-0.1173	0.1739	0.3193	0.3373	0.3121	0.2023	0.2656	0.4988		P-827
-0.0337	0.0116	-0.0490	0.1183	0.2442	0.0981	0.1670	0.2265	0.1790	0.2862	0.2593	0.2852	0.3142		P-828
-0.0514	0.0255	-0.0727	0.0583	0.1686	0.0968	0.1435	0.2135	0.1242	0.2244	0.1688	0.2644	0.2888		P-829
0.0059	0.0894	-0.0018	-0.0239	0.1312	0.1398	0.1137	0.1321	0.0489	0.1928	0.1447	0.1469	0.1980		F-830
0.0864	0.0522	0.0436	0.1798	0.1705	0.0911	0.2266	0.1672	0.1198	0.2376	0.2934	0.1668	0.2035		P-831
0.0813	0.0687	0.0379	0.2320	0.2254	0.1025	0.2914	0.2281	0.1709	0.3102	0.3793	0.2342	0.2871		F-832
0.2307	0.2573	0.1604	0.0705	0.11 5	0.0439	0.1672	0.1265	0.0720	0.1426	0.1600	0.1087	0.1640		P-833
0.2025	0.2779	0.1416	0.1093	0.1860	0.0813	0.2321	0.1976	0.1605	0.2405	0.2240	0.1574	0.2635		F-834
0.0863	0.2221	0.0610	0.2239	0.1521	0.1146	0.3786	0.1563	0.1040	0.1476	0.2071	0.1708	0.1644		F-835
0.0045	0.0389	-0.0313	0.1888	0.1643	0.0629	0.2239	0.1655	0.1195	0.1868	0.3155	0.1809	0.1818		F-836
-0.0232	-0.0589	-0.0376	0.2674	0.1255	0.1328	0.1490	0.0599	0.0685	0.0808	0.1362	0.1367	0.0085		F-837
0.1059	0.0766	0.1115	0.0433	0.0323	0.0281	0.0869	0.0376	0.0247	-0.0038	0.0565	0.0373	0.0748		F-838

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TABLE 6.2 (continued)

			D-802	F-803	P-820	F-822	F-823	P-827	P-828	P-829	F-830	P-831
INFORMATION TEST I	R-101	SCREENING	0.0996	0.1231	0.1102	0.0075	0.0695	0.1020	0.0839	0.0999	0.0554	-0.0254
	R-102	VOCABULARY I	0.2851	0.3202	0.2230	0.0359	0.1019	0.1867	0.2002	0.2195	0.1150	-0.0268
	R-103	LITERATURE	0.4524	0.5016	0.3516	0.1132	0.1549	0.2589	0.2882	0.3418	0.2848	0.0588
	R-104	MUSIC	0.4029	0.4327	0.3085	0.1325	0.1549	0.2374	0.2930	0.2765	0.2100	0.0955
	R-105	SOCIAL STUDIES	0.4229	0.4695	0.4010	0.0966	0.1608	0.2984	0.2707	0.3351	0.2287	0.0296
	R-106	MATHEMATICS	0.6145	0.6685	0.4578	0.1272	0.1800	0.3269	0.2786	0.2580	0.1911	0.1275
	R-107	PHYSICAL SCIENCES	0.4407	0.4882	0.3800	0.0938	0.1284	0.2523	0.2439	0.2710	0.2148	0.0663
	R-108	BIOLOGICAL SCIENCES	0.3412	0.3730	0.3087	0.0566	0.1014	0.2093	0.2231	0.2595	0.1846	0.0508
	R-109	SCIENTIFIC ATTITUDE	0.2859	0.3245	0.2407	0.0581	0.1387	0.1725	0.2076	0.2059	0.1418	0.0107
	R-110	AERONAUTICS AND SPACE	0.2017	0.2271	0.1501	0.0657	0.0553	0.1054	0.1278	0.1661	0.1569	0.0164
	R-111	ELECTRICITY,ELECTRONICS	0.2275	0.2553	0.2134	0.0677	0.0796	0.1563	0.1245	0.1778	0.1255	0.0336
	R-112	MECHANICS	0.1715	0.1806	0.1636	0.0490	0.0920	0.1224	0.1273	0.1697	0.1337	0.0071
	R-113	FARMING	0.1985	0.2043	0.2219	0.0188	0.0836	0.1706	0.1677	0.2321	0.1868	0.0231
	R-114	HOME ECONOMICS	0.1613	0.1672	0.1728	0.0418	0.0933	0.1410	0.1311	0.1574	0.0990	-0.0125
	R-115	SPORTS	0.2902	0.2971	0.2438	0.1019	0.1202	0.1843	0.1721	0.2027	0.1637	0.0755
INFORMATION TEST II	R-131	ART	0.3459	0.4015	0.2648	0.1022	0.1408	0.2113	0.2557	0.2909	0.2172	0.0130
	R-132	LAW	0.2740	0.2373	0.2588	0.0604	0.1104	0.1814	0.2044	0.2575	0.1921	0.0317
	R-133	HEALTH	0.2643	0.3057	0.2599	0.0720	0.1207	0.2068	0.2137	0.2365	0.1375	0.0021
	R-134	ENGINEERING	0.1934	0.1985	0.1504	0.0539	0.0857	0.1330	0.1319	0.1519	0.1119	0.0248
	R-135	ARCHITECTURE	0.2681	0.2810	0.2316	0.0703	0.1002	0.1701	0.1926	0.2157	0.1678	0.0278
	R-136	JOURNALISM	0.2779	0.3090	0.2499	0.0952	0.1306	0.1874	0.2302	0.2337	0.1581	0.0385
	R-137	FOREIGN TRAVEL	0.3096	0.3462	0.2466	0.0833	0.1084	0.1953	0.2172	0.2560	0.1946	0.0215
	R-138	MILITARY	0.2481	0.2665	0.1892	0.0711	0.0964	0.1219	0.1671	0.1873	0.1506	0.0627
	R-139	ACCOUNTING,BUSINESS,SALES	0.2204	0.2577	0.2664	0.0763	0.1227	0.1973	0.2039	0.2448	0.1509	0.0144
	R-140	PRACTICAL KNOWLEDGE	0.1828	0.2066	0.1466	0.0541	0.1103	0.1381	0.1428	0.1537	0.0941	-0.0008
	R-141	CLERICAL	-0.0209	-0.0095	0.1214	0.0124	0.0555	0.1139	0.0951	0.1443	0.0591	-0.0390
	R-142	BIBLE	0.2644	0.2842	0.3211	-0.0014	0.0967	0.1761	0.2184	0.3031	0.2290	0.0481
	R-143	COLORS	0.2297	0.2596	0.1958	0.0675	0.1153	0.1348	0.2072	0.1630	0.1155	0.0437
	R-144	ETIQUETTE	0.1967	0.2228	0.1546	0.0542	0.0978	0.1193	0.1361	0.1142	0.0895	0.0416
	R-145	HUNTING	0.0053	-0.0023	0.0346	0.0147	0.0221	0.0196	0.0221	0.0419	0.0349	0.0008
	R-146	FISHING	0.0174	0.0024	0.0382	0.0042	0.0103	0.0174	0.0111	0.0393	0.0465	0.0093
	R-147	OUTDOOR ACTIVITIES(OTHER)	0.2772	0.2892	0.1872	0.0712	0.1148	0.1522	0.1555	0.1705	0.1406	0.0455
	R-148	PHOTOGRAPHY	0.1247	0.1448	0.1250	0.0287	0.0889	0.1053	0.1088	0.1351	0.0673	-0.0032
	R-149	GAMES(SEDENTARY)	0.1873	0.2126	0.1352	0.0394	0.0676	0.1002	0.1074	0.1140	0.0849	0.0201
	R-150	THEATER,BALLET	0.3464	0.3909	0.2595	0.1130	0.1533	0.2148	0.2537	0.2920	0.1965	0.0280
	R-151	FOODS	0.2762	0.3072	0.1334	0.1187	0.1220	0.1324	0.1948	0.1602	0.1181	0.0395
	R-152	MISCELLANEOUS	0.3289	0.3671	0.2823	0.0963	0.1339	0.2040	0.2375	0.2433	0.1747	0.0454
	R-162	VOCABULARY II	0.3248	0.3753	0.3025	0.0853	0.1515	0.2297	0.2653	0.2765	0.1763	0.0185
	R-211	MEMORY FOR SENTENCES	0.1619	0.1812	0.2160	0.0091	0.0630	0.1411	0.1159	0.1517	0.0692	0.0261
	R-212	MEMORY FOR WORDS	0.2838	0.3335	0.3135	0.0498	0.1190	0.1972	0.2073	0.1893	0.0976	0.0429
	R-220	DISGUISED WORDS	0.2465	0.3082	0.2804	0.0946	0.1405	0.1896	0.3084	0.2392	0.1504	0.0416
ENGLISH TEST	R-231	SPELLING	0.2412	0.2802	0.3371	0.0480	0.1028	0.2469	0.2969	0.2252	0.1258	0.0433
	R-232	CAPITALIZATION	0.1786	0.2094	0.1936	0.0131	0.1048	0.1744	0.1590	0.1344	0.0718	-0.0150
	R-233	PUNCTUATION	0.3486	0.4021	0.4016	0.0522	0.1451	0.3106	0.3093	0.2267	0.1286	0.0304
	R-234	USAGE	0.3016	0.3424	0.3057	0.0437	0.1093	0.2379	0.2773	0.2144	0.1385	0.0157
	R-235	EFFECTIVE EXPRESSION	0.2557	0.2934	0.2463	0.0407	0.1082	0.1914	0.2164	0.1852	0.0921	-0.0046
	R-240	WORD FUNCTIONS IN SENTENCES	0.4212	0.4682	0.4432	0.0654	0.1520	0.3044	0.3046	0.2462	0.1450	0.0924
	R-250	READING COMPREHENSION	0.4272	0.4753	0.3851	0.0796	0.1864	0.2904	0.3115	0.3683	0.2481	0.0230
	R-260	CREATIVITY	0.2773	0.3144	0.2632	0.0839	0.1459	0.2044	0.2284	0.2338	0.1678	0.0445
	R-270	MECHANICAL REASONING	0.2632	0.2997	0.1896	0.0680	0.0902	0.1015	0.1199	0.1110	0.0826	0.0206
	R-281	VISUALIZATION IN 2-DIMENSIONS	0.1566	0.1902	0.1461	0.0259	0.0751	0.0827	0.0712	0.0743	0.0449	0.0023
	R-282	VISUALIZATION IN 3-DIMENSIONS	0.2206	0.2551	0.1903	0.0389	0.0886	0.1181	0.0870	0.0853	0.0788	0.0168
	R-290	ABSTRACT REASONING	0.2822	0.3441	0.2623	0.0608	0.1351	0.1921	0.1519	0.1408	0.0829	0.0186
MATH TEST	R-311	ARITHMETIC REASONING	0.3543	0.4040	0.3875	0.0698	0.1565	0.2574	0.2273	0.2257	0.1475	0.0410
	R-312	INTRODUCTORY HIGH SCHOOL MATH	0.5415	0.6012	0.4478	0.1064	0.1728	0.3210	0.2385	0.2347	0.1732	0.0913
	R-333	ADVANCED MATH	0.4482	0.4959	0.3404	0.1106	0.1369	0.2313	0.1740	0.1658	0.1243	0.0975
	F-410	ARITHMETIC COMPUTATION	0.2223	0.2490	0.2872	0.0332	0.1225	0.2652	0.1512	0.1623	0.0738	-0.0172
	F-420	TABLE READING	0.0493	0.0690	0.0721	0.0155	0.0474	0.0601	0.0420	0.0591	0.0282	0.0055
	F-430	CLERICAL CHECKING	0.1238	0.1752	0.1633	0.0491	0.0817	0.1087	0.1320	0.1274	0.0720	0.0525
	F-440	OBJECT INSPECTION	0.0832	0.1180	0.0920	0.0393	0.0791	0.0511	0.0570	0.0463	0.0266	-0.0037
	A-410	ARITHMETIC COMPUTATION	0.2441	0.2614	0.3346	0.0702	0.1308	0.2479	0.1834	0.1889	0.1041	0.0793
	A-420	TABLE READING	0.0604	0.0827	0.1107	0.0414	0.0428	0.0547	0.0580	0.0713	0.0458	0.0654
	A-430	CLERICAL CHECKING	0.0401	0.0535	0.0972	0.0562	0.0426	0.0256	0.0724	0.0710	0.0542	0.0989
	A-440	OBJECT INSPECTION	0.0488	0.0670	0.0644	0.0513	0.0627	0.0193	0.0367	0.0282	0.0309	0.0442
	A-500	PREFERENCES	-0.0375	-0.0545	0.0321	0.0034	0.0164	-0.0470	-0.0071	0.0659	0.0728	0.0589
INTEREST INVENTORY	P-701	PHYSICAL SCIENCE,ENGRNG.,MATH	0.3037	0.3233	0.2754	0.1241	0.1146	0.1909	0.1438	0.1644	0.2017	0.1719
	P-702	BIOLOGICAL SCIENCE & MEDICINE	0.3473	0.3467	0.2106	0.1499	0.1485	0.1869	0.1757	0.1566	0.1974	0.1849
	P-703	PUBLIC SERVICE	0.1914	0.1798	0.1715	0.1405	0.1292	0.1216	0.1669	0.1497	0.1564	0.2025
	P-704	LITERARY,LINGUISTICS	0.2828	0.2883	0.2730	0.1636	0.1868	0.2043	0.4026	0.2797	0.3220	0.2484
	P-705	SOCIAL SERVICE	0.2057	0.1847	0.1663	0.1737	0.2048	0.1949	0.1654	0.0817	0.1038	0.2155
	P-706	ARTISTIC	0.1928	0.1900	0.1377	0.1034	0.1175	0.0859	0.2114	0.1449	0.1843	0.1661
	P-707	MUSICAL	0.1907	0.1709	0.1736	0.1109	0.1144	0.1339	0.2072	0.1272	0.1808	0.2071
	P-708	SPORTS	0.1449	0.1412	0.1099	0.1001	0.0947	0.0454	0.0695	0.0505	0.0879	0.1571
	P-709	HUNTING & FISHING	0.0795	0.0781	0.0291	0.0665	0.0522	-0.0188	0.0463	0.0468	0.1033	0.0903
	P-710	BUSINESS MANAGEMENT	0.0424	0.0418	0.1131	0.1221	0.1283	0.0795	0.1122	0.0713	0.0630	0.1923
	P-711	SALES	-0.0164	-0.0177	0.0114	0.0781	0.0781	0.0199	0.0483	0.0155	0.0236	0.1264
	P-712	COMPUTATION	-0.1239	-0.0957	0.1144	0.0355	0.0430	0.1203	-0.0323	-0.0145	-0.0465	0.0659
	P-713	OFFICE WORK	-0.3960	-0.3838	-0.1052	-0.0622	-0.0531	-0.0420	-0.1298	-0.1305	-0.1645	-0.0468
	P-714	MECHANICAL,TECHNICAL	0.0501	0.0585	0.0446	0.0479	0.0344	-0.0041	0.0280	0.0302	0.0819	0.1074
	P-715	SKILLED TRADES	-0.0892	-0.0934	-0.0498	0.0214	-0.0027	-0.0728	-0.0337	-0.0514	0.0059	0.0864
	P-716	FARMING	0.0552	0.0626	0.0044	0.0339	0.0448	-0.0149	0.0116	0.0255	0.0894	0.0522
	P-717	LABOR	-0.1068	-0.1048	-0.0788	0.0054	-0.0200	-0.0762	-0.0490	-0.0727	-0.0018	0.0436
STDNT ACTIV INVEN	R-601	SOCIABILITY	0.0508	0.0433	0.0574	0.1346	0.1612	0.0824	0.1183	0.0583	-0.0239	0.1798
	R-602	SOCIAL SENSITIVITY	0.1524	0.1623	0.1781	0.1492	0.1836	0.2241	0.2442	0.1686	0.1312	0.1706
	R-603	IMPULSIVENESS	0.0671	0.0792	0.0187	0.0672	0.0531	-0.1173	0.0981	0.0968	0.1398	0.0911
	R-604	VIGOR	0.1576	0.1492	0.1544	0.1388	0.1495	0.1739	0.1670	0.1435	0.1137	0.2266
	R-605	CALMNESS	0.1764	0.1661	0.2323	0.1039	0.1547	0.3193	0.2265	0.2135	0.1321	0.1672
	R-606	TIDINESS	0.0893	0.0767	0.1879	0.1022	0.1171	0.3373	0.1790	0.1242	0.0489	0.1198
	R-607	CULTURE	0.2454	0.2348	0.2548	0.1672	0.2005	0.3121	0.2862	0.2244	0.1928	0.2376
	R-608	LEADERSHIP	0.1897	0.1821	0.2449	0.1927	0.1808	0.2023	0.2593	0.1688	0.1447	0.2934
	R-609	SELF-CONFIDENCE	0.1590	0.1577	0.1850	0.1287	0.1519	0.2656	0.2852	0.2644	0.1469	0.1668
	R-610	MATURE PERSONALITY	0.2410	0.2396	0.4007	0.1827	0.2035	0.4988	0.3142	0.2888	0.1980	0.2035
STUDENT INFO BLANK SCALES	D-802	HS CURRIC-ACAD VS OTHER		0.7542	0.3250	0.1828	0.1947	0.2830	0.2620	0.2201	0.2020	0.1941
	F-803	HS COURSES(ACAD ORIENT)	0.7542		0.3591	0.1927	0.2192	0.2837	0.2783	0.2446	0.2184	0.1878
	P-820	HIGH SCHOOL GRADES	0.3250	0.3591		0.1031	0.1591	0.4566	0.3134	0.3240	0.1858	0.1963
	F-822	GUIDANCE RECD IN HS	0.1828	0.1927	0.1031		0.3093	0.1459	0.1632	0.0681	0.1602	0.2242
	F-823	GUIDANCE RECD ELSEWHERE	0.1947	0.2192	0.1591	0.3093		0.1923	0.1671	0.1309	0.2020	0.1667
	P-827	STUDY HABITS & ATTITUDES	0.2830	0.2837	0.4566	0.1459	0.1923		0.3806	0.4167	0.1880	0.1218
	P-828	SELF-PERCEP OF WRTG SKILLS	0.2620	0.2783	0.3134	0.1632	0.1671	0.3806		0.4059	0.2565	0.1932
	P-829	SELF-PERCEP OF RDNG SKILLS	0.2201	0.2446	0.3240	0.0681	0.1309	0.4167	0.4059		0.3612	0.1109
	F-830	AMT OF EX-CURR RDNG	0.2020	0.2184	0.1858	0.1602	0.2020	0.1880	0.2565	0.3612		0.1703
	P-831	VAR OF EX-CURR GRP ACT	0.1941	0.1878	0.1963	0.2242	0.1667	0.1218	0.1932	0.1109	0.1703	
	F-832	VAR PARTIC IN EX-CURR GRP ACT	0.2337	0.2246	0.2490	0.2480	0.2135	0.1881	0.2423	0.1503	0.2032	0.8940
	P-833	VARIETY OF HOBBIES	0.1090	0.1065	0.0788	0.2162	0.1824	0.0877	0.1242	0.0632	0.1832	0.3599
	F-834	DEGREE OF ACT IN HOBBIES	0.1086	0.1023	0.0972	0.2169	0.2095	0.1581	0.1555	0.0997	0.2404	0.3555
	F-835	PARTICIPATION IN SPORTS	0.1390	0.1587	0.0774	0.1898	0.1800	0.0900	0.0955	0.0696	0.1378	0.2354
	F-836	LEADERSHIP ROLES	0.1401	0.1516	0.1713	0.1922	0.1757	0.1083	0.1476	0.0982	0.1080	0.28[illegible]
	F-837	SOCIAL LIFE	-0.0382	-0.0188	-0.0286	0.0732	0.1193	-0.1192	0.0759	0.0149	0.0043	0.1113
	F-838	WORK ACTIVITIES	-0.0607	-0.0492	-0.0341	0.0915	0.0806	-0.0151	0.0104	-0.0092	0.0756	0.0849

TABLE 6.2 (continued)

F-832	P-833	F-834	F-835	F-836	F-837	F-838		
-0.0029	-0.0039	0.0084	0.0762	0.0246	0.0590	0.0028	INFORMATION TEST I	R-101
0.0023	-0.0305	-0.0444	-0.0983	0.0109	0.0257	-0.0537		R-102
0.0951	0.0758	0.0718	0.1047	0.0729	0.0009	-0.0650		R-103
0.1485	0.0796	0.0924	0.1032	0.1313	0.0572	-0.0538		R-104
0.0705	0.0546	0.0490	0.0868	0.0760	-0.0126	-0.0450		R-105
0.1620	0.1091	0.0843	0.1226	0.1130	-0.0215	-0.0556		R-106
0.1019	0.1212	0.1114	0.0854	0.0892	-0.0346	-0.0330		R-107
0.0779	0.1014	0.1040	0.0583	0.0643	-0.0224	-0.0273		R-108
0.0500	0.0493	0.0361	0.0852	0.0787	0.0827	-0.0077		R-109
0.0384	0.0901	0.0820	0.0803	0.0413	-0.0133	-0.0310		R-110
0.0477	0.1096	0.1067	0.0802	0.0586	-0.0237	-0.0193		R-111
0.0329	0.1291	0.1308	0.0795	0.0489	0.0286	0.0270		R-112
0.0584	0.0928	0.1128	0.0517	0.0382	-0.0114	0.0160		R-113
0.0214	0.0635	0.1137	0.0233	0.0352	0.0123	0.0829		R-114
0.1086	0.0871	0.0593	0.1959	0.1250	0.0360	-0.0031		R-115
0.0462	0.0868	0.0932	0.1131	0.0599	0.0373	-0.0654	INFORMATION TEST II	R-131
0.0629	0.0487	0.0470	0.0619	0.0593	0.0150	-0.0414		R-132
0.0330	0.0462	0.0470	0.0678	0.0657	0.0309	-0.0347		R-133
0.0521	0.0977	0.1045	0.0918	0.0529	0.0266	0.0099		R-134
0.0533	0.0630	0.0701	0.0817	0.0534	0.0096	-0.0016		R-135
0.0747	0.0364	0.0225	0.0557	0.0701	0.0294	-0.0247		R-136
0.0471	0.0543	0.0592	0.0791	0.0450	0.0014	-0.0404		R-137
0.0864	0.0489	0.0444	0.0512	0.0641	0.0117	-0.0332		R-138
0.0450	0.0305	0.0197	0.0518	0.0543	0.0537	-0.0102		R-139
0.0345	0.0383	0.0341	0.1040	0.0589	0.1031	0.0128		R-140
-0.0208	-0.0196	-0.0188	0.0323	0.0234	0.0656	0.0291		R-141
0.1019	0.0405	0.0496	0.0021	0.0443	-0.0282	-0.0099		R-142
0.0723	0.0559	0.0469	0.0360	0.0714	0.0685	-0.0218		R-143
0.0698	0.0552	0.0534	0.0619	0.0591	0.0685	0.0084		R-144
0.0036	0.0503	0.0450	0.0349	0.0063	0.0047	0.0058		R-145
0.0075	0.0443	0.0438	0.0193	0.0136	0.0143	0.0101		R-146
0.0821	0.0959	0.0833	0.1719	0.0890	0.0770	-0.0010		R-147
0.0213	0.0390	0.0314	0.0695	0.0523	0.0651	0.0062		R-148
0.0363	0.0523	0.0430	0.1170	0.0499	0.0429	-0.0162		R-149
0.0686	0.0364	0.0393	0.0961	0.0826	0.0507	-0.0582		R-150
0.0593	0.0379	0.0542	0.0984	0.0526	0.0798	-0.0185		R-151
0.0737	0.0721	0.0665	0.0895	0.0761	0.0127	-0.0298		R-152
0.0599	0.0519	0.0436	0.0829	0.0726	0.0294	-0.0377		R-162
0.0424	0.0313	0.0245	0.0503	0.0349	0.0177	-0.0297	ENGLISH TEST	R-211
0.0681	0.0497	0.0184	0.0612	0.0569	0.0251	-0.0342		R-212
0.0768	0.0444	0.0339	0.1136	0.0837	0.1116	0.0019		R-220
0.0651	0.0007	-0.0230	0.0400	0.0444	0.0225	-0.0239		R-231
0.0172	-0.0229	-0.0066	0.0658	0.0455	0.0290	-0.0157		R-232
0.0751	0.0369	0.0115	0.0545	0.0687	0.0281	-0.0288		R-233
0.0564	0.0232	0.0075	0.0373	0.0552	0.0165	-0.0452		R-234
0.0287	0.0107	-0.0110	0.0587	0.0484	0.0492	-0.0443		R-235
0.1309	0.0698	0.0400	0.0773	0.0854	0.0233	-0.0220		R-240
0.0684	0.0415	0.0419	0.1124	0.0800	0.0281	-0.0434		R-250
0.0802	0.1056	0.0997	0.0931	0.0829	0.0570	0.0032		R-260
0.0498	0.1428	0.1213	0.1315	0.0724	0.0535	0.0060		R-270
0.0281	0.0868	0.0818	0.0975	0.0451	0.0688	0.0104		R-281
0.0450	0.1341	0.1224	0.0637	0.0500	0.0086	0.0196		R-282
0.0545	0.0991	0.0739	0.1114	0.0746	0.0539	-0.0033	MATH TEST	R-290
0.0797	0.0628	0.0382	0.0766	0.0671	0.0429	0.0143		R-311
0.1277	0.0918	0.0608	0.1059	0.0834	-0.0197	-0.0412		R-312
0.1188	0.0969	0.0689	0.1118	0.0812	-0.0087	-0.0355		R-333
0.0214	-0.0060	-0.0156	0.0787	0.0311	0.0311	-0.0082		F-410
0.0243	0.0231	0.0153	0.0674	0.0351	0.0761	-0.0019		F-420
0.0715	0.0415	0.0360	0.1000	0.0792	0.0999	0.0011		F-430
0.0249	0.0570	0.0649	0.1036	0.0670	0.1030	-0.0058		F-440
0.1111	0.0395	0.0508	0.1346	0.0879	0.0263	0.0174		A-410
0.0729	0.0395	0.0399	0.0792	0.0653	0.0659	0.0137		A-420
0.1071	0.0478	0.0723	0.0857	0.0897	0.0635	0.0054		A-430
0.0573	0.0701	0.0906	0.1029	0.0786	0.0850	0.0081		A-440
0.0566	0.0081	0.0434	0.0413	0.0226	0.0266	0.0141		A-500
0.1950	0.2718	0.2363	0.1806	0.0829	-0.0698	0.0191	INTEREST INVENTORY	P-701
0.2146	0.2301	0.2315	0.1888	0.1135	-0.0441	0.0262		P-702
0.2234	0.1660	0.1453	0.1387	0.0993	-0.0043	-0.0004		P-703
0.2897	0.2150	0.2342	0.1347	0.1236	0.0034	0.0002		P-704
0.2701	0.1585	0.1929	0.1286	0.1392	-0.0160	0.0708		P-705
0.1949	0.2711	0.3081	0.1444	0.0835	0.0456	-0.0108		P-706
0.2581	0.2013	0.2473	0.0801	0.0884	-0.0547	0.0151		P-707
0.1930	0.2222	0.1990	0.4485	0.1493	0.0537	0.0671		P-708
0.1072	0.2569	0.2573	0.2735	0.0734	0.0188	0.0584		P-709
0.2061	0.1723	0.1529	0.1386	0.1121	0.0634	0.0476		P-710
0.1201	0.1470	0.1281	0.0733	0.0449	0.0442	0.0355		P-711
0.0724	0.1073	0.0871	0.0317	0.0136	-0.0160	0.0784		P-712
-0.0502	-0.0151	-0.0077	-0.0532	-0.0465	0.0352	0.0846		P-713
0.1053	0.2764	0.2152	0.1423	0.0264	-0.0389	0.0695		P-714
0.0813	0.2307	0.2025	0.0863	0.0045	-0.0232	0.1059		P-715
0.0687	0.2573	0.2779	0.2221	0.0389	-0.0589	0.0766		P-716
0.0379	0.1604	0.1416	0.0610	-0.0313	-0.0376	0.1115		P-717
0.2320	0.0705	0.1093	0.2239	0.1888	0.2674	0.0433	STDNT ACTIV INVEN	R-601
0.2254	0.1185	0.1860	0.1521	0.1643	0.1255	0.0323		R-602
0.1025	0.0439	0.0813	0.1146	0.0629	0.1328	0.0281		R-603
0.2914	0.1672	0.2321	0.3786	0.2239	0.1490	0.0869		R-604
0.2281	0.1265	0.1976	0.1563	0.1655	0.0599	0.0376		R-605
0.1709	0.0720	0.1605	0.1040	0.1195	0.0685	0.0247		R-606
0.3102	0.1426	0.2405	0.1476	0.1868	0.0808	-0.0038		R-607
0.3793	0.1600	0.2240	0.2071	0.3155	0.1362	0.0565		R-608
0.2342	0.1087	0.1574	0.1708	0.1809	0.1367	0.0373		R-609
0.2871	0.1640	0.2635	0.1644	0.1818	0.0085	0.0748		R-610
0.2337	0.1090	0.1086	0.1390	0.1401	-0.0382	-0.0607	STUDENT INFO BLANK SCALES	D-802
0.2246	0.1065	0.1023	0.1587	0.1516	-0.0188	-0.0492		F-803
0.2490	0.0788	0.0972	0.0774	0.1713	-0.0286	-0.0341		P-820
0.2480	0.2162	0.2169	0.1898	0.1922	0.0732	0.0915		F-822
0.2135	0.1824	0.2095	0.1800	0.1757	0.1193	0.0806		F-823
0.1881	0.0877	0.1581	0.0900	0.1083	-0.1192	-0.0151		P-827
0.2423	0.1212	0.1555	0.0955	0.1476	0.0759	0.0104		P-828
0.1503	0.0632	0.0997	0.0696	0.0982	0.0149	-0.0092		P-829
0.2032	0.1832	0.2404	0.1378	0.1080	0.0043	0.0756		F-830
0.8940	0.3599	0.3555	0.2354	0.2865	0.1113	0.0849		P-831
	0.3639	0.4143	0.2756	0.3365	0.1310	0.0897		F-832
0.3639		0.7507	0.3477	0.2044	0.0465	0.1216		P-833
0.4143	0.7507		0.3911	0.2088	0.0368	0.1563		F-834
0.2756	0.3477	0.3911		0.2465	0.1977	0.1164		F-835
0.3365	0.2044	0.2088	0.2465		0.1668	0.0847		F-836
0.1310	0.0465	0.0368	0.1977	0.1668		0.0925		F-837
0.0897	0.1216	0.1563	0.1164	0.0847	0.0925			F-838

TABLE 6.3

INTERCORRELATIONS OF 109 COGNITIVE AND NON-COGNITIVE VARIABLES. DATA BASED ON 12TH GRADE MALES.

			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110
INFORMATION TEST I	R-101	SCREENING		0.3421	0.2902	0.2651	0.3657	0.2528	0.2646	0.2224	0.2580	0.2060
	R-102	VOCABULARY I	0.3421		0.7046	0.6295	0.6906	0.6940	0.7224	0.6015	0.5461	0.6126
	R-103	LITERATURE	0.2902	0.7046		0.6532	0.7149	0.6394	0.6461	0.5380	0.4877	0.5325
	R-104	MUSIC	0.2651	0.6295	0.6532		0.5846	0.5598	0.5664	0.4475	0.4120	0.4811
	R-105	SOCIAL STUDIES	0.3657	0.6906	0.7149	0.5846		0.6369	0.6765	0.5521	0.4936	0.5199
	R-106	MATHEMATICS	0.2528	0.6940	0.6394	0.5598	0.6369		0.7650	0.5037	0.4825	0.5141
	R-107	PHYSICAL SCIENCES	0.2646	0.7224	0.6461	0.5664	0.6765	0.7650		0.6143	0.4932	0.6315
	R-108	BIOLOGICAL SCIENCES	0.2224	0.6015	0.5380	0.4475	0.5521	0.5037	0.6143		0.4301	0.5294
	R-109	SCIENTIFIC ATTITUDE	0.2580	0.5461	0.4877	0.4120	0.4936	0.4825	0.4932	0.4301		0.4178
	R-110	AERONAUTICS AND SPACE	0.2060	0.6126	0.5325	0.4811	0.5199	0.5141	0.6315	0.5294	0.4178	
	R-111	ELECTRICITY,ELECTRONICS	0.2075	0.5774	0.4360	0.4452	0.4559	0.5472	0.6783	0.5027	0.3857	0.5995
	R-112	MECHANICS	0.2587	0.4872	0.2995	0.3030	0.3386	0.3369	0.4477	0.4481	0.3548	0.4823
	R-113	FARMING	0.2144	0.3616	0.2592	0.2196	0.3164	0.2400	0.3248	0.4004	0.2821	0.2819
	R-114	HOME ECONOMICS	0.2043	0.4297	0.3516	0.3690	0.3552	0.3442	0.3912	0.3905	0.3039	0.3418
	R-115	SPORTS	0.2789	0.4659	0.4739	0.4274	0.5105	0.4690	0.4146	0.3070	0.3457	0.3202
INFORMATION TEST II	R-131	ART	0.2459	0.5958	0.6360	0.5843	0.5661	0.4870	0.5242	0.4402	0.4060	0.4910
	R-132	LAW	0.2387	0.5756	0.5579	0.4798	0.5746	0.4955	0.5193	0.4346	0.4259	0.4719
	R-133	HEALTH	0.2721	0.5333	0.4940	0.4488	0.5062	0.4546	0.4952	0.4641	0.3901	0.4092
	R-134	ENGINEERING	0.2278	0.4359	0.3497	0.3187	0.3805	0.3575	0.4201	0.3758	0.3167	0.3967
	R-135	ARCHITECTURE	0.1826	0.4763	0.4908	0.4393	0.4682	0.4142	0.4422	0.3702	0.3207	0.3944
	R-136	JOURNALISM	0.2430	0.5509	0.5257	0.4932	0.5398	0.4710	0.4717	0.3717	0.3844	0.4062
	R-137	FOREIGN TRAVEL	0.2215	0.5813	0.6201	0.5454	0.6071	0.4909	0.5266	0.4459	0.3923	0.4840
	R-138	MILITARY	0.1859	0.4520	0.4779	0.4071	0.4922	0.3929	0.4123	0.3389	0.3016	0.4103
	R-139	ACCOUNTING,BUSINESS,SALES	0.2247	0.5467	0.4997	0.4621	0.5169	0.4545	0.4601	0.3789	0.4222	0.4106
	R-140	PRACTICAL KNOWLEDGE	0.3117	0.4160	0.3800	0.3462	0.3985	0.3504	0.3537	0.2923	0.3254	0.3220
	R-141	CLERICAL	0.2541	0.3213	0.3022	0.2943	0.3181	0.2877	0.2828	0.2530	0.2496	0.2278
	R-142	BIBLE	0.2029	0.4965	0.5616	0.4309	0.5149	0.4481	0.4693	0.4127	0.3857	0.3950
	R-143	COLORS	0.0906	0.2697	0.2713	0.2907	0.2387	0.2538	0.2503	0.2034	0.1666	0.2014
	R-144	ETIQUETTE	0.1307	0.2551	0.2183	0.1959	0.2226	0.2705	0.2366	0.1763	0.1969	0.1696
	R-145	HUNTING	0.0581	0.0908	0.0136	-0.0382	0.0387	0.0036	0.0845	0.2237	0.0941	0.1352
	R-146	FISHING	0.1222	0.2117	0.1477	0.1167	0.1409	0.1337	0.1891	0.2803	0.1730	0.2211
	R-147	OUTDOOR ACTIVITIES(OTHER)	0.2643	0.4931	0.4293	0.3768	0.4355	0.4266	0.4698	0.4288	0.3681	0.4218
	R-148	PHOTOGRAPHY	0.2155	0.3913	0.3440	0.3232	0.3330	0.3392	0.3521	0.2758	0.2864	0.3250
	R-149	GAMES(SEDENTARY)	0.1684	0.3897	0.4149	0.3732	0.3823	0.4210	0.3934	0.2778	0.2789	0.3051
	R-150	THEATER,BALLET	0.2573	0.5946	0.6094	0.5937	0.5458	0.4998	0.4939	0.3856	0.4103	0.4586
	R-151	FOODS	0.1374	0.4260	0.4311	0.4382	0.3488	0.3682	0.3497	0.2710	0.2659	0.3000
	R-152	MISCELLANEOUS	0.2551	0.5801	0.5967	0.5291	0.5696	0.5485	0.5636	0.4430	0.4025	0.4745
	R-162	VOCABULARY II	0.2668	0.6679	0.6129	0.5613	0.6124	0.5580	0.5851	0.4933	0.4695	0.5031
	R-211	MEMORY FOR SENTENCES	0.0722	0.1721	0.1560	0.1057	0.1477	0.1786	0.1701	0.1500	0.1311	0.1295
	R-212	MEMORY FOR WORDS	0.1439	0.3753	0.3905	0.3258	0.3460	0.4047	0.3664	0.2722	0.2651	0.2341
	R-220	DISGUISED WORDS	0.2297	0.5079	0.5025	0.4995	0.4124	0.4536	0.4317	0.3166	0.3450	0.3451
ENGLISH TEST	R-231	SPELLING	0.2054	0.4194	0.4328	0.3862	0.3950	0.4314	0.3617	0.2395	0.2736	0.2172
	R-232	CAPITALIZATION	0.1946	0.3495	0.3298	0.2822	0.3434	0.3442	0.3202	0.2447	0.2779	0.2225
	R-233	PUNCTUATION	0.2258	0.5662	0.5391	0.4694	0.5199	0.6264	0.5482	0.3917	0.4298	0.3667
	R-234	USAGE	0.2036	0.5153	0.4942	0.4340	0.4557	0.5015	0.4643	0.3610	0.3881	0.3513
	R-235	EFFECTIVE EXPRESSION	0.1723	0.4603	0.4264	0.3679	0.4074	0.4243	0.3987	0.3302	0.3818	0.3181
	R-240	WORD FUNCTIONS IN SENTENCES	0.1839	0.5342	0.5278	0.4539	0.4856	0.6271	0.5318	0.3776	0.4037	0.3535
	R-250	READING COMPREHENSION	0.3093	0.7190	0.6946	0.5699	0.6835	0.6406	0.6481	0.5424	0.5513	0.5300
	R-260	CREATIVITY	0.2051	0.5675	0.4969	0.4629	0.4588	0.4969	0.5339	0.4617	0.4203	0.5095
	R-270	MECHANICAL REASONING	0.1750	0.4841	0.3361	0.3193	0.3523	0.4701	0.5272	0.4363	0.3775	0.4980
	R-281	VISUALIZATION IN 2-DIMENSIONS	0.1093	0.2582	0.1978	0.1909	0.1985	0.2871	0.2778	0.2129	0.2059	0.2421
	R-282	VISUALIZATION IN 3-DIMENSIONS	0.0968	0.3866	0.2988	0.2904	0.3156	0.4248	0.4415	0.3563	0.2898	0.3931
	R-290	ABSTRACT REASONING	0.1742	0.4646	0.4215	0.3796	0.4255	0.5285	0.4863	0.3499	0.3792	0.3737
MATH TEST	R-311	ARITHMETIC REASONING	0.2339	0.5986	0.5183	0.4338	0.5531	0.6747	0.6024	0.4346	0.4912	0.4283
	R-312	INTRODUCTORY HIGH SCHOOL MATH	0.2170	0.6230	0.5753	0.4952	0.5777	0.8542	0.6885	0.4433	0.4557	0.4501
	R-333	ADVANCED MATH	0.1665	0.5449	0.5173	0.4485	0.4983	0.7769	0.6181	0.3965	0.4118	0.4183
	F-410	ARITHMETIC COMPUTATION	0.1983	0.3428	0.3177	0.2604	0.3442	0.4325	0.3309	0.1966	0.2628	0.1825
	F-420	TABLE READING	0.0874	0.0511	0.0608	0.0545	0.0600	0.0619	0.0407	-0.0149	0.0350	0.0287
	F-430	CLERICAL CHECKING	0.1328	0.1593	0.1867	0.1488	0.1537	0.1721	0.1336	0.0667	0.1009	0.0744
	F-440	OBJECT INSPECTION	0.0828	0.1196	0.1246	0.1323	0.0973	0.1215	0.1174	0.0760	0.0826	0.1261
	A-410	ARITHMETIC COMPUTATION	0.2189	0.2812	0.2788	0.2293	0.2963	0.4321	0.3019	0.1479	0.1966	0.1390
	A-420	TABLE READING	0.0533	0.0078	0.0303	0.0315	0.0200	0.0466	0.0124	-0.0430	-0.0040	-0.0051
	A-430	CLERICAL CHECKING	0.0698	-0.0192	0.0413	0.0166	0.0073	0.0237	-0.0179	-0.0600	-0.0459	-0.0464
	A-440	OBJECT INSPECTION	0.0574	0.0434	0.0600	0.0769	0.0287	0.0573	0.0529	0.0233	0.0140	0.0744
	A-500	PREFERENCES	0.0815	-0.1092	-0.0654	-0.0868	-0.0819	-0.1254	-0.1167	-0.0887	-0.0966	-0.0761
INTEREST INVENTORY	P-701	PHYSICAL SCIENCE,ENGRNG.,MATH	0.0610	0.3131	0.2579	0.2168	0.2714	0.4754	0.4640	0.2952	0.2040	0.3498
	P-702	BIOLOGICAL SCIENCE & MEDICINE	0.0368	0.2325	0.2481	0.2299	0.2016	0.2923	0.3068	0.2583	0.1475	0.2085
	P-703	PUBLIC SERVICE	0.0314	0.1135	0.1905	0.1456	0.1880	0.1488	0.0956	0.0496	0.0968	0.0533
	P-704	LITERARY,LINGUISTICS	0.0318	0.2385	0.3548	0.3141	0.2547	0.2315	0.2037	0.1644	0.1707	0.1587
	P-705	SOCIAL SERVICE	-0.0069	-0.0006	0.0722	0.0910	0.0452	0.0514	0.0026	-0.0175	-0.0001	-0.0752
	P-706	ARTISTIC	-0.0127	0.1219	0.1729	0.1917	0.1043	0.1095	0.1256	0.1302	0.0716	0.1395
	P-707	MUSICAL	-0.0023	0.1260	0.1763	0.3217	0.0838	0.1086	0.1102	0.0833	0.0630	0.0996
	P-708	SPORTS	0.0307	-0.0408	0.0095	-0.0250	0.0274	0.0344	-0.0307	-0.0446	-0.0065	-0.0736
	P-709	HUNTING & FISHING	-0.0182	-0.0525	-0.0812	-0.1296	-0.0662	-0.0975	-0.0453	0.0789	-0.0252	-0.0002
	P-710	BUSINESS MANAGEMENT	0.0000	-0.0156	0.0223	0.0241	0.0227	0.0270	-0.0425	-0.0558	0.0185	-0.0592
	P-711	SALES	-0.0265	-0.0891	-0.0507	-0.0341	-0.0525	-0.0742	-0.1273	-0.1101	-0.0332	-0.1282
	P-712	COMPUTATION	0.0121	-0.0163	-0.0215	-0.0125	0.0257	0.1291	0.0208	-0.0683	-0.0001	-0.0665
	P-713	OFFICE WORK	-0.0484	-0.1587	-0.1370	-0.1055	-0.1281	-0.1055	-0.1499	-0.1437	-0.1027	-0.1738
	P-714	MECHANICAL,TECHNICAL	-0.0633	-0.1203	-0.2253	-0.2031	-0.1813	-0.1168	-0.0518	-0.0257	-0.0965	0.0164
	P-715	SKILLED TRADES	-0.1104	-0.2778	-0.3180	-0.2859	-0.2878	-0.3108	-0.2715	-0.1649	-0.1905	-0.1895
	P-716	FARMING	-0.0422	-0.1149	-0.1548	-0.1793	-0.1142	-0.1591	-0.1122	0.0224	-0.0602	-0.0755
	P-717	LABOR	-0.1136	-0.2757	-0.2961	-0.2799	-0.2747	-0.3022	-0.2741	-0.1725	-0.1804	-0.1958
STDNT ACTIV INVEN	R-601	SOCIABILITY	0.1338	-0.0018	0.0178	0.0402	-0.0067	0.0043	-0.0346	-0.0418	0.0121	-0.0681
	R-602	SOCIAL SENSITIVITY	0.1172	0.1320	0.1591	0.1663	0.1134	0.1331	0.1139	0.0769	0.0978	0.0765
	R-603	IMPULSIVENESS	0.0587	0.0591	0.0699	0.0712	0.0337	0.0229	0.0211	0.0268	0.0300	0.0525
	R-604	VIGOR	0.1302	0.0910	0.0896	0.0764	0.0870	0.1034	0.0829	0.0698	0.0714	0.0366
	R-605	CALMNESS	0.1622	0.1897	0.1717	0.1701	0.1649	0.2107	0.1890	0.1391	0.1428	0.1400
	R-606	TIDINESS	0.1249	0.0666	0.0562	0.0815	0.0476	0.0863	0.0436	-0.0005	0.0156	0.0063
	R-607	CULTURE	0.1033	0.1007	0.1412	0.1830	0.0829	0.1158	0.0775	0.0542	0.0441	0.0390
	R-608	LEADERSHIP	0.0749	0.1201	0.1371	0.1564	0.1247	0.1641	0.1141	0.0817	0.1011	0.0451
	R-609	SELF-CONFIDENCE	0.1194	0.1718	0.1664	0.1679	0.1408	0.1771	0.1625	0.1216	0.1284	0.1309
	R-610	MATURE PERSONALITY	0.1435	0.1749	0.1604	0.1467	0.1537	0.2170	0.1773	0.1170	0.1108	0.1043
STUDENT INFO BLANK SCALES	D-802	HS CURRIC-ACAD VS OTHER	0.1609	0.4598	0.4727	0.4090	0.4323	0.6216	0.5065	0.3136	0.3185	0.3186
	F-803	HS COURSES(ACAD ORIENT)	0.1898	0.5616	0.5691	0.4873	0.5318	0.7292	0.6136	0.3803	0.3824	0.3918
	P-820	HIGH SCHOOL GRADES	0.1254	0.3199	0.3451	0.2743	0.3391	0.4332	0.3701	0.2391	0.2254	0.1937
	F-822	GUIDANCE RECD IN HS	0.0383	0.1225	0.1272	0.1564	0.1165	0.1667	0.1178	0.0782	0.0539	0.0779
	F-823	GUIDANCE RECD ELSEWHERE	0.0853	0.1849	0.1790	0.1874	0.1801	0.2146	0.1665	0.1326	0.1506	0.0996
	P-827	STUDY HABITS & ATTITUDES	0.1048	0.2975	0.2965	0.2540	0.2903	0.3932	0.3253	0.1951	0.1820	0.1859
	P-828	SELF-PERCEP OF WRTG SKILLS	0.0922	0.2822	0.3206	0.3122	0.2535	0.2858	0.2432	0.1648	0.1849	0.1530
	P-829	SELF-PERCEP OF RDNG SKILLS	0.1597	0.3643	0.3959	0.3142	0.3605	0.3028	0.3288	0.2810	0.2638	0.2991
	F-830	AMT OF EX-CURR RDNG	0.0774	0.2459	0.3175	0.2514	0.2437	0.1938	0.2407	0.2106	0.1673	0.2442
	P-831	VAR OF EX-CURR GRP ACT	-0.0199	-0.0468	-0.0114	0.0315	-0.0593	0.0130	-0.0079	-0.0164	-0.0516	-0.0362
	F-832	VAR PARTIC IN EX-CURR GRP ACT	0.0021	0.0131	0.0420	0.0983	-0.0086	0.0525	0.0342	0.0237	-0.0093	0.0013
	P-833	VARIETY OF HOBBIES	-0.0355	-0.0466	-0.0834	-0.0320	-0.0806	-0.0290	0.0135	0.0522	-0.0474	0.0386
	F-834	DEGREE OF ACT IN HOBBIES	-0.0465	-0.0699	-0.1060	-0.0376	-0.1213	-0.0919	-0.0287	0.0295	-0.0884	0.0217
	F-835	PARTICIPATION IN SPORTS	0.0668	0.0729	0.0994	0.0551	0.0805	0.1030	0.0619	0.0476	0.0574	0.0384
	F-836	LEADERSHIP ROLES	0.0088	0.0478	0.0676	0.0981	0.0599	0.1034	0.0643	0.0402	0.0492	0.0077
	F-837	SOCIAL LIFE	-0.0070	-0.0550	-0.0428	-0.0054	-0.0770	-0.0836	-0.0951	-0.0508	-0.0028	-0.0486
	F-838	WORK ACTIVITIES	-0.0384	-0.1349	-0.1700	-0.1440	-0.1458	-0.1665	-0.1512	-0.0895	-0.0753	-0.0942

TABLE 6.3 (continued)

R-111	R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135	R-136	R-137	R-138		
0.2075	0.2587	0.2144	0.2043	0.2789	0.2459	0.2387	0.2721	0.2278	0.1826	0.2430	0.2215	0.1859	INFORMATION TEST I	R-101
0.5774	0.4872	0.3616	0.4297	0.4659	0.5958	0.5756	0.5333	0.4359	0.4763	0.5509	0.5813	0.4520		R-102
0.4360	0.2995	0.2592	0.3516	0.4769	0.6360	0.5579	0.4940	0.3497	0.4908	0.5258	0.6201	0.4779		R-103
0.4452	0.3030	0.2196	0.3690	0.4274	0.5843	0.4798	0.4488	0.3187	0.4393	0.4932	0.5454	0.4071		R-104
0.4559	0.3386	0.3164	0.3552	0.5105	0.5661	0.5746	0.5062	0.3805	0.4682	0.5398	0.6071	0.4922		R-105
0.5472	0.3369	0.2400	0.3442	0.4690	0.4870	0.4955	0.4546	0.3575	0.4142	0.4718	0.4909	0.3929		R-106
0.6783	0.4477	0.3248	0.3912	0.4146	0.5242	0.5193	0.4952	0.4201	0.4422	0.4717	0.5266	0.4123		R-107
0.5027	0.4481	0.4004	0.3905	0.3070	0.4402	0.4346	0.4641	0.3758	0.3702	0.3717	0.4459	0.3389		R-108
0.3857	0.3548	0.2821	0.3039	0.3457	0.4060	0.4259	0.3901	0.3167	0.3207	0.3844	0.3923	0.3016		R-109
0.5995	0.4823	0.2619	0.3418	0.3202	0.4910	0.4719	0.4092	0.3967	0.3944	0.4062	0.4840	0.4103		R-110
	0.5890	0.3132	0.4085	0.2051	0.4108	0.4141	0.3823	0.4117	0.3637	0.3564	0.3829	0.3052		R-111
0.5890		0.4396	0.3978	0.2116	0.3091	0.3482	0.3235	0.4017	0.2915	0.2751	0.2905	0.2599		R-112
0.3132	0.4396		0.3107	0.2080	0.2147	0.2716	0.2650	0.2916	0.2248	0.2079	0.2106	0.1745		R-113
0.4085	0.3978	0.3107		0.2285	0.3479	0.3086	0.3334	0.2878	0.3031	0.2917	0.2954	0.2265		R-114
0.2051	0.2116	0.2080	0.2285		0.3724	0.3985	0.3402	0.2374	0.3088	0.4040	0.3880	0.3765		R-115
0.4108	0.3091	0.2147	0.3479	0.3724		0.4922	0.4713	0.3400	0.4640	0.4844	0.5438	0.4149	INFORMATION TEST II	R-131
0.4141	0.3482	0.2716	0.3086	0.3985	0.4922		0.4372	0.3536	0.3842	0.4638	0.4734	0.4383		R-132
0.3823	0.3235	0.2650	0.3334	0.3402	0.4713	0.4372		0.3474	0.3421	0.4163	0.4284	0.3265		R-133
0.4117	0.4017	0.2916	0.2878	0.2374	0.3400	0.3536	0.3474		0.2978	0.3207	0.3146	0.2766		R-134
0.3637	0.2915	0.2248	0.3031	0.3088	0.4640	0.3842	0.3421	0.2978		0.3738	0.4370	0.3397		R-135
0.3564	0.2751	0.2079	0.2917	0.4040	0.4844	0.4638	0.4163	0.3207	0.3738		0.4579	0.3881		R-136
0.3829	0.2905	0.2106	0.2954	0.3860	0.5438	0.4784	0.4284	0.3146	0.4370	0.4579		0.4297		R-137
0.3052	0.2599	0.1745	0.2265	0.3769	0.4149	0.4383	0.3265	0.2766	0.3397	0.3881	0.4297			R-138
0.3950	0.3387	0.2523	0.3320	0.3339	0.4740	0.4984	0.4240	0.3236	0.3722	0.4606	0.4306	0.3726		R-139
0.3007	0.3029	0.2055	0.2517	0.3205	0.3908	0.3738	0.3812	0.3248	0.2807	0.3665	0.3378	0.3017		R-140
0.2219	0.2358	0.2603	0.2238	0.2680	0.2803	0.3022	0.3057	0.2427	0.2330	0.2928	0.2436	0.2374		R-141
0.3153	0.2191	0.2588	0.2546	0.2975	0.4392	0.4416	0.3648	0.2930	0.3885	0.3790	0.4265	0.3736		R-142
0.2117	0.1722	0.1408	0.2280	0.1678	0.2929	0.1962	0.2222	0.1658	0.2426	0.1958	0.2414	0.1746		R-143
0.1725	0.1515	0.1279	0.1479	0.1962	0.1768	0.2006	0.1829	0.1576	0.1658	0.1913	0.1796	0.1615		R-144
0.1529	0.3312	0.3259	0.1395	0.0308	0.0148	0.0861	0.0871	0.1725	0.0476	-0.0088	0.0397	0.0765		R-145
0.2119	0.3069	0.2722	0.1949	0.1739	0.1515	0.1644	0.1851	0.2013	0.1252	0.1043	0.1497	0.1310		R-146
0.4123	0.4096	0.3040	0.3285	0.3299	0.3956	0.3914	0.3915	0.3764	0.3149	0.3490	0.3728	0.3135		R-147
0.3318	0.2730	0.1966	0.2392	0.2433	0.3593	0.3261	0.3232	0.2816	0.2693	0.3011	0.2911	0.2505		R-148
0.2869	0.1565	0.1026	0.2046	0.3222	0.3677	0.3258	0.3008	0.2271	0.2614	0.2907	0.3230	0.2768		R-149
0.3701	0.2729	0.2140	0.3228	0.4315	0.5939	0.5100	0.4487	0.3273	0.4103	0.5001	0.5216	0.4108		R-150
0.2742	0.2014	0.0757	0.3191	0.2742	0.4218	0.3169	0.3055	0.1975	0.3231	0.3386	0.3714	0.2824		R-151
0.4409	0.3032	0.2138	0.3206	0.3925	0.5337	0.4770	0.4589	0.3445	0.4238	0.4579	0.5154	0.4100		R-152
0.4641	0.4080	0.3039	0.3825	0.4164	0.6114	0.5707	0.5553	0.4018	0.4262	0.5986	0.5309	0.4295		R-162
0.1261	0.1170	0.1142	0.1082	0.1013	0.1410	0.1362	0.1160	0.1062	0.1150	0.1079	0.0934	0.0882	ENGLISH TEST	R-211
0.2203	0.1376	0.1503	0.1634	0.2544	0.3098	0.2850	0.2717	0.1896	0.2502	0.2545	0.2690	0.2080		R-212
0.2687	0.2324	0.1802	0.2467	0.3484	0.4620	0.3790	0.3794	0.2628	0.3333	0.3867	0.4101	0.2991		R-220
0.1880	0.1278	0.1488	0.1641	0.3158	0.3413	0.3019	0.3212	0.1894	0.2699	0.3365	0.3354	0.2448		R-231
0.2079	0.1896	0.1907	0.1706	0.2591	0.2718	0.2681	0.2756	0.2025	0.2134	0.2786	0.2635	0.1917		R-232
0.3548	0.2521	0.2449	0.2674	0.3517	0.4105	0.4128	0.3800	0.2901	0.3473	0.4168	0.4127	0.3016		R-233
0.3183	0.2489	0.2227	0.2535	0.3090	0.3958	0.3840	0.3644	0.2582	0.3161	0.3736	0.3922	0.2806		R-234
0.2733	0.2424	0.2038	0.2215	0.2952	0.3524	0.3514	0.3335	0.2587	0.2750	0.3462	0.3330	0.2487		R-235
0.3377	0.2259	0.2123	0.2496	0.3373	0.3854	0.4031	0.3590	0.2727	0.3467	0.3746	0.3935	0.2853		R-240
0.4504	0.3700	0.3088	0.3360	0.4591	0.5752	0.5703	0.5215	0.3946	0.4466	0.5447	0.5573	0.4463		R-250
0.5087	0.4538	0.3142	0.3448	0.2988	0.4788	0.4361	0.4095	0.3859	0.3745	0.3930	0.4191	0.3407		R-260
0.5525	0.5147	0.3382	0.3236	0.2034	0.3275	0.3472	0.3146	0.3817	0.2838	0.2562	0.3004	0.2392		R-270
0.2630	0.2508	0.1640	0.1740	0.1687	0.2075	0.1941	0.1653	0.2130	0.1614	0.1529	0.1605	0.1305		R-281
0.4388	0.3830	0.2481	0.2925	0.1553	0.2985	0.2783	0.2387	0.2937	0.2643	0.2215	0.2583	0.1991		R-282
0.3672	0.2675	0.1971	0.2522	0.2959	0.3700	0.3417	0.3217	0.2787	0.2798	0.3222	0.3426	0.2399	MATH TEST	R-290
0.4520	0.3762	0.2925	0.3206	0.3943	0.4145	0.4675	0.4097	0.3518	0.3531	0.4298	0.4124	0.3349		R-311
0.4752	0.2851	0.2159	0.2927	0.4309	0.4326	0.4535	0.4072	0.3232	0.3612	0.4255	0.4360	0.3524		R-312
0.4471	0.2317	0.1551	0.2509	0.3778	0.3958	0.3935	0.3613	0.2807	0.3290	0.3588	0.3912	0.3094		R-333
0.1711	0.1347	0.1497	0.1453	0.3363	0.2444	0.2605	0.2610	0.1977	0.1912	0.2768	0.2456	0.1865		F-410
0.0158	0.0179	-0.0042	0.0247	0.1019	0.0695	0.0586	0.0642	0.0461	0.0193	0.0617	0.0406	0.0525		F-420
0.0349	0.0034	0.0173	0.0450	0.1812	0.1717	0.1338	0.1476	0.0807	0.1037	0.1486	0.1296	0.1133		F-430
0.1072	0.0897	0.0268	0.0910	0.1156	0.1502	0.0961	0.0994	0.1026	0.0752	0.0912	0.1073	0.0887		F-440
0.1316	0.0666	0.0976	0.1244	0.3330	0.1947	0.2133	0.2160	0.1557	0.1793	0.2275	0.2014	0.1738		A-410
0.0151	-0.0319	-0.0502	-0.0002	0.0757	0.0369	0.0081	0.0189	0.0031	0.0074	0.0202	0.0214	0.0365		A-420
0.0687	-0.1125	-0.0777	-0.0209	0.0699	0.0358	-0.0012	0.0209	-0.0152	0.0093	0.0124	0.0062	0.0282		A-430
0.0626	0.0390	-0.0133	0.0620	0.0717	0.1009	0.0347	0.0392	0.0604	0.0454	0.0314	0.0512	0.0573		A-440
0.0974	-0.0471	-0.0099	-0.0319	0.0187	-0.0443	-0.0491	-0.0605	-0.0399	-0.0406	-0.0555	-0.0711	-0.0092		A-500
0.3985	0.2331	0.1059	0.1771	0.2043	0.2007	0.2131	0.2062	0.2189	0.1870	0.1709	0.1965	0.1911	INTEREST INVENTORY	P-701
0.1746	0.0637	0.0437	0.1476	0.1799	0.1951	0.1463	0.2057	0.1164	0.1521	0.1522	0.1758	0.1466		P-702
-0.0213	-0.0566	-0.0195	0.0316	0.1723	0.1300	0.1668	0.0835	0.0241	0.1129	0.1487	0.1337	0.1663		P-703
0.0490	-0.0530	0.0105	0.0947	0.1740	0.2806	0.2215	0.1626	0.0769	0.2233	0.2129	0.2419	0.1933		P-704
-0.1102	-0.1605	-0.0460	0.0223	0.0713	0.0225	0.0073	0.0163	-0.0318	0.0360	0.0497	0.0275	0.0187		P-705
0.0835	0.0370	0.0096	0.0995	0.0314	0.2195	0.0747	0.0786	0.0820	0.1653	0.0808	0.1252	0.0711		P-706
0.0719	-0.0239	-0.0162	0.0857	0.0201	0.1662	0.0845	0.0675	0.0323	0.1170	0.0913	0.1162	0.0694		P-707
-0.1621	-0.1009	-0.0108	-0.0630	0.3594	-0.0376	-0.0034	-0.0063	-0.0213	-0.0228	0.0176	-0.0227	0.0534		P-708
-0.0270	0.0872	0.1107	-0.0009	0.0010	-0.0722	-0.0581	-0.0258	0.0290	-0.0517	-0.1001	-0.0589	-0.0315		P-709
-0.1074	-0.0791	-0.0588	-0.0107	0.0850	0.0132	0.0340	0.0013	-0.0192	0.0194	0.0449	0.0032	0.0373		P-710
-0.1689	-0.1209	-0.0705	-0.0498	0.0304	-0.0444	-0.0373	-0.0488	-0.0588	-0.0289	-0.0113	-0.0580	-0.0286		P-711
-0.0508	-0.0853	-0.0477	0.0040	0.0914	-0.0440	0.0010	-0.0033	-0.0177	-0.0163	0.0297	-0.0426	0.0026		P-712
-0.1658	-0.1529	-0.0521	-0.0455	-0.0760	-0.1304	-0.1169	-0.1059	-0.0942	-0.0872	-0.0841	-0.1410	-0.1053		P-713
0.1560	0.2124	0.0557	0.0096	-0.1520	-0.1580	-0.1261	-0.1040	0.0428	-0.0948	-0.1561	-0.1623	-0.1076		P-714
-0.1291	0.0023	-0.0051	-0.0724	-0.1960	-0.2470	-0.2371	-0.2083	-0.0885	-0.1633	-0.2332	-0.2454	-0.1889		P-715
-0.0680	0.0834	0.1954	0.0007	-0.0888	-0.1524	-0.1118	-0.0802	0.0167	-0.0809	-0.1391	-0.1224	-0.0926		P-716
-0.1735	-0.0372	-0.0026	-0.1096	-0.1831	-0.2578	-0.2147	-0.2128	-0.1100	-0.1788	-0.2259	-0.2370	-0.1798		P-717
-0.0879	-0.0177	0.0009	0.0237	0.1500	0.0193	0.0024	0.0442	0.0146	-0.0092	0.0471	-0.0130	0.0221	STDNT ACTIV INVEN	R-601
0.0596	0.0176	0.0270	0.0798	0.0972	0.1311	0.1001	0.1226	0.0724	0.0929	0.1254	0.1015	0.0800		R-602
0.0194	0.0484	0.0304	0.0413	0.0755	0.0721	0.0636	0.0372	0.0404	0.0578	0.0473	0.0518	0.0752		R-603
0.0122	0.0516	0.0844	0.0702	0.2007	0.0508	0.0630	0.1030	0.0829	0.0597	0.0863	0.0418	0.0650		R-604
0.1458	0.1220	0.1053	0.1400	0.1498	0.1418	0.1426	0.1548	0.1344	0.1411	0.1481	0.1204	0.1224		R-605
0.0166	0.0063	0.0037	0.0649	0.0703	0.0598	0.0267	0.0799	0.0453	0.0546	0.0832	0.0398	0.0343		R-606
0.0295	-0.0090	0.0355	0.0972	0.0802	0.1230	0.0649	0.0868	0.0535	0.1174	0.0908	0.0763	0.0632		R-607
0.0354	-0.0002	0.0328	0.0778	0.1712	0.0929	0.0975	0.1051	0.0560	0.1019	0.1152	0.0919	0.1093		R-608
0.1269	0.1100	0.0776	0.1327	0.1467	0.1403	0.1386	0.1292	0.1122	0.1126	0.1397	0.1140	0.1346		R-609
0.1390	0.0975	0.0854	0.1319	0.1051	0.1217	0.1346	0.1525	0.1194	0.1207	0.1388	0.1066	0.0986		R-610
0.2910	0.1344	0.0855	0.1967	0.3588	0.3501	0.3415	0.3081	0.2217	0.2794	0.3476	0.3468	0.2902	STUDENT INFO BLANK SCALES	D-802
0.3772	0.1643	0.0838	0.2450	0.4005	0.4397	0.4075	0.3754	0.2600	0.3406	0.4074	0.4341	0.3380		F-803
0.2044	0.0500	0.1252	0.1500	0.2244	0.2393	0.2522	0.2280	0.1438	0.2275	0.2282	0.2515	0.1866		P-820
0.0617	0.0190	-0.0121	0.0906	0.1446	0.1148	0.0771	0.0896	0.0504	0.0961	0.1150	0.1075	0.1043		F-822
0.0889	0.0797	0.0504	0.1238	0.1859	0.1560	0.1455	0.1434	0.1037	0.1182	0.1564	0.1385	0.1418		F-823
0.1939	0.0479	0.0826	0.1571	0.1865	0.2112	0.2099	0.2075	0.1394	0.1993	0.2287	0.2141	0.1598		P-827
0.1099	0.0288	0.0601	0.1245	0.1819	0.2624	0.2199	0.2027	0.0998	0.2076	0.2403	0.2406	0.1798		P-828
0.2356	0.1599	0.1657	0.1862	0.2383	0.3311	0.3201	0.2660	0.2070	0.2670	0.2875	0.3132	0.2786		P-829
0.1663	0.0803	0.1069	0.1158	0.1385	0.2512	0.2246	0.1598	0.1254	0.2061	0.1798	0.2354	0.2331		F-830
-0.0316	-0.0547	0.0054	-0.0005	-0.0094	-0.0219	-0.0342	-0.0254	-0.0240	-0.0071	-0.0217	-0.0380	0.0122		P-831
0.0066	-0.0244	0.0272	0.0382	0.0164	0.0191	0.0032	0.0105	0.0100	0.0261	0.0256	0.0057	0.0553		F-832
0.1022	0.1273	0.0711	0.0861	-0.0927	-0.0297	-0.0740	-0.0213	0.0397	-0.0182	-0.0771	-0.0724	-0.0434		P-833
0.1078	0.1299	0.0575	0.0884	-0.1658	-0.0299	-0.0892	-0.0443	0.0240	-0.0232	-0.0956	-0.0817	-0.0644		F-834
-0.0391	-0.0045	-0.0196	0.0132	0.3046	0.0637	0.0449	0.0622	0.0563	0.0349	0.0743	0.0598	0.0886		F-835
-0.0073	-0.0285	0.0157	0.0155	0.1464	0.0366	0.0320	0.0534	0.0314	0.0347	0.0530	0.0353	0.0582		F-836
-0.0840	0.0263	-0.0626	-0.0296	0.0766	-0.0094	-0.0273	-0.0156	-0.0206	-0.0553	-0.0215	-0.0373	0.0122		F-837
-0.0519	0.0689	-0.0023	0.0020	-0.1133	-0.1374	-0.1119	-0.0935	-0.0291	-0.0868	-0.1080	-0.1280	-0.0837		F-838

TABLE 6.3 (continued)

			R-139	R-140	R-141	R-142	R-143	R-144	R-145	R-146	R-147	R-148
INFORMATION TEST I	R-101	SCREENING	0.2247	0.3117	0.2541	0.2029	0.0906	0.1307	0.0581	0.1222	0.2643	0.2155
	R-102	VOCABULARY I	0.5467	0.4160	0.3213	0.4965	0.2697	0.2551	0.0908	0.2117	0.4931	0.3913
	R-103	LITERATURE	0.4997	0.3800	0.3022	0.5616	0.2713	0.2183	0.0136	0.1477	0.4293	0.3440
	R-104	MUSIC	0.4621	0.3462	0.2943	0.4309	0.2907	0.1959	-0.0382	0.1167	0.3768	0.3232
	R-105	SOCIAL STUDIES	0.5169	0.3985	0.3181	0.5149	0.2387	0.2226	0.0387	0.1409	0.4355	0.3330
	R-106	MATHEMATICS	0.4545	0.3504	0.2877	0.4481	0.2538	0.2705	0.0036	0.1337	0.4266	0.3392
	R-107	PHYSICAL SCIENCES	0.4601	0.3537	0.2828	0.4693	0.2503	0.2366	0.0845	0.1891	0.4698	0.3521
	R-108	BIOLOGICAL SCIENCES	0.3799	0.2923	0.2530	0.4127	0.2034	0.1763	0.2237	0.2803	0.4288	0.2758
	R-109	SCIENTIFIC ATTITUDE	0.4222	0.3254	0.2496	0.3857	0.1666	0.1969	0.0941	0.1730	0.3681	0.2864
	R-110	AERONAUTICS AND SPACE	0.4106	0.3220	0.2278	0.3950	0.2014	0.1696	0.1352	0.2211	0.4218	0.3250
	R-111	ELECTRICITY,ELECTRONICS	0.3950	0.3007	0.2219	0.3153	0.2117	0.1725	0.1529	0.2119	0.4123	0.3318
	R-112	MECHANICS	0.3387	0.3029	0.2358	0.2191	0.1722	0.1515	0.3312	0.3069	0.4096	0.2730
	R-113	FARMING	0.2523	0.2055	0.2603	0.2588	0.1408	0.1279	0.3259	0.2722	0.3040	0.1966
	R-114	HOME ECONOMICS	0.3320	0.2517	0.2238	0.2546	0.2280	0.1479	0.1395	0.1949	0.3285	0.2392
	R-115	SPORTS	0.3339	0.3205	0.2680	0.2975	0.1678	0.1962	0.0308	0.1739	0.3299	0.2433
INFORMATION TEST II	R-131	ART	0.4740	0.3908	0.2803	0.4392	0.2929	0.1768	0.0148	0.1515	0.3956	0.3593
	R-132	LAW	0.4984	0.3738	0.3022	0.4416	0.1962	0.2006	0.0861	0.1644	0.3914	0.3261
	R-133	HEALTH	0.4240	0.3812	0.3057	0.3648	0.2222	0.1829	0.0871	0.1851	0.3915	0.3232
	R-134	ENGINEERING	0.3236	0.3248	0.2427	0.2930	0.1658	0.1576	0.1725	0.2013	0.3764	0.2816
	R-135	ARCHITECTURE	0.3722	0.2807	0.2330	0.3885	0.2426	0.1658	0.0476	0.1252	0.3149	0.2693
	R-136	JOURNALISM	0.4606	0.3665	0.2928	0.3790	0.1958	0.1813	-0.0088	0.1043	0.3490	0.3011
	R-137	FOREIGN TRAVEL	0.4306	0.3378	0.2436	0.4265	0.2414	0.1796	0.0397	0.1497	0.3728	0.2911
	R-138	MILITARY	0.3726	0.3017	0.2374	0.3736	0.1746	0.1615	0.0765	0.1310	0.3135	0.2505
	R-139	ACCOUNTING,BUSINESS,SALES		0.3655	0.3117	0.3827	0.2181	0.2005	0.0549	0.1280	0.3633	0.3231
	R-140	PRACTICAL KNOWLEDGE	0.3655		0.3087	0.3050	0.1610	0.1780	0.0662	0.1714	0.3656	0.2905
	R-141	CLERICAL	0.3117	0.3087		0.2512	0.1462	0.1452	0.0944	0.1527	0.2941	0.2357
	R-142	BIBLE	0.3827	0.3050	0.2512		0.1940	0.1814	0.0545	0.1494	0.3280	0.2656
	R-143	COLORS	0.2181	0.1610	0.1462	0.1940		0.1071	0.0133	0.0798	0.1759	0.1574
	R-144	ETIQUETTE	0.2005	0.1780	0.1452	0.1814	0.1071		0.0408	0.0650	0.2053	0.1475
	R-145	HUNTING	0.0549	0.0662	0.0944	0.0545	0.0133	0.0408		0.3685	0.2034	0.0708
	R-146	FISHING	0.1280	0.1714	0.1527	0.1494	0.0798	0.0650	0.3685		0.2729	0.1520
	R-147	OUTDOOR ACTIVITIES(OTHER)	0.3633	0.3656	0.2941	0.3280	0.1759	0.2053	0.2034	0.2729		0.3067
	R-148	PHOTOGRAPHY	0.3231	0.2905	0.2357	0.2656	0.1574	0.1475	0.0708	0.1520	0.3067	
	R-149	GAMES(SEDENTARY)	0.3138	0.2599	0.1899	0.2964	0.1922	0.1588	-0.0169	0.0908	0.2900	0.2212
	R-150	THEATER,BALLET	0.4968	0.3939	0.3192	0.4188	0.2572	0.2101	-0.0243	0.1087	0.3890	0.3371
	R-151	FOODS	0.3649	0.2605	0.1680	0.2454	0.2204	0.1273	-0.0716	0.0791	0.2511	0.2204
	R-152	MISCELLANEOUS	0.4529	0.3882	0.2976	0.4411	0.2608	0.2058	0.0297	0.1543	0.4019	0.3248
	R-162	VOCABULARY II	0.6186	0.4299	0.3277	0.4469	0.2606	0.2246	0.0774	0.1901	0.4968	0.3642
	R-211	MEMORY FOR SENTENCES	0.1158	0.1124	0.1055	0.1615	0.0861	0.0684	0.0653	0.0547	0.1260	0.0887
	R-212	MEMORY FOR WORDS	0.2376	0.2015	0.1738	0.3085	0.1983	0.1401	-0.0026	0.0686	0.2256	0.1747
ENGLISH TEST	R-220	DISGUISED WORDS	0.3624	0.3067	0.2834	0.3438	0.2660	0.1887	-0.0029	0.1140	0.3123	0.2788
	R-231	SPELLING	0.2964	0.2190	0.2603	0.2846	0.2103	0.1632	-0.0486	0.0589	0.2189	0.2161
	R-232	CAPITALIZATION	0.2553	0.2395	0.2134	0.2420	0.1369	0.1410	0.0295	0.0825	0.2402	0.1901
	R-233	PUNCTUATION	0.3864	0.3103	0.2823	0.4209	0.2394	0.2353	-0.0076	0.0875	0.3413	0.2826
	R-234	USAGE	0.3698	0.2802	0.2319	0.3777	0.2086	0.2039	0.0213	0.0915	0.3157	0.2507
	R-235	EFFECTIVE EXPRESSION	0.3356	0.2686	0.2075	0.3250	0.1668	0.1922	0.0345	0.1021	0.2910	0.2493
	R-240	WORD FUNCTIONS IN SENTENCES	0.3703	0.2688	0.2319	0.4297	0.2475	0.2221	-0.0026	0.1036	0.3173	0.2467
	R-250	READING COMPREHENSION	0.5203	0.4232	0.3189	0.5371	0.2328	0.2431	0.0666	0.1778	0.4524	0.3763
	R-260	CREATIVITY	0.4199	0.3456	0.2709	0.3768	0.2518	0.2037	0.1492	0.2268	0.4185	0.3316
	R-270	MECHANICAL REASONING	0.3104	0.2892	0.2065	0.2762	0.1765	0.2193	0.2347	0.2238	0.4014	0.2691
	R-281	VISUALIZATION IN 2-DIMENSIONS	0.1628	0.1941	0.1348	0.1592	0.1313	0.1521	0.1020	0.1186	0.2311	0.1595
	R-282	VISUALIZATION IN 3-DIMENSIONS	0.2613	0.2357	0.1515	0.2447	0.2039	0.1786	0.1440	0.1538	0.3080	0.2076
MATH TEST	R-290	ABSTRACT REASONING	0.3213	0.2765	0.1872	0.3034	0.1992	0.2136	0.0448	0.1018	0.3271	0.2480
	R-311	ARITHMETIC REASONING	0.4789	0.3437	0.2696	0.4057	0.2170	0.2497	0.0639	0.1431	0.3917	0.3090
	R-312	INTRODUCTORY HIGH SCHOOL MATH	0.4270	0.3197	0.2669	0.4096	0.2368	0.2666	-0.0132	0.1060	0.3879	0.3075
	R-333	ADVANCED MATH	0.3765	0.2542	0.2159	0.3561	0.2163	0.2375	-0.0349	0.0896	0.3386	0.2790
	F-410	ARITHMETIC COMPUTATION	0.2606	0.2546	0.2266	0.2131	0.1221	0.1588	-0.0171	0.0472	0.2115	0.2069
	F-420	TABLE READING	0.0544	0.1130	0.0706	0.0300	0.0357	0.0432	-0.0149	0.0113	0.0609	0.0680
	F-430	CLERICAL CHECKING	0.1259	0.1579	0.1421	0.1184	0.1018	0.0776	-0.0565	-0.0011	0.0975	0.1148
	F-440	OBJECT INSPECTION	0.0771	0.1293	0.0840	0.0615	0.0862	0.0671	0.0018	0.0522	0.1196	0.0861
	A-410	ARITHMETIC COMPUTATION	0.2115	0.2146	0.2488	0.1974	0.1059	0.1600	-0.0438	0.0619	0.1995	0.1778
	A-420	TABLE READING	0.0191	0.0339	0.0505	0.0109	0.0260	0.0262	-0.0403	0.0011	0.0251	0.0242
	A-430	CLERICAL CHECKING	-0.0017	0.0292	0.0652	0.0259	0.0358	0.0161	-0.0780	-0.0225	-0.0056	0.0229
	A-440	OBJECT INSPECTION	0.0232	0.0745	0.0571	0.0184	0.0563	0.0351	-0.0077	0.0399	0.0711	0.0472
	A-500	PREFERENCES	-0.0619	-0.0041	0.0660	-0.0187	-0.0254	-0.0430	0.0249	0.0387	-0.0300	-0.0108
INTEREST INVENTORY	P-701	PHYSICAL SCIENCE,ENGRNG.,MATH	0.1555	0.1369	0.1153	0.1961	0.1008	0.1107	0.0649	0.1195	0.2155	0.1809
	P-702	BIOLOGICAL SCIENCE & MEDICINE	0.1210	0.0904	0.0907	0.1795	0.1085	0.0740	0.0016	0.0960	0.1580	0.1316
	P-703	PUBLIC SERVICE	0.1592	0.0703	0.0800	0.1536	0.0427	0.0385	-0.0921	-0.0377	0.0422	0.0700
	P-704	LITERARY,LINGUISTICS	0.1971	0.1007	0.1116	0.2950	0.1278	0.0648	-0.1032	-0.0188	0.0847	0.1159
	P-705	SOCIAL SERVICE	0.0146	0.0030	0.0426	0.1298	0.0265	0.0221	-0.1309	-0.0855	-0.0315	0.0051
	P-706	ARTISTIC	0.0687	0.0596	0.0339	0.1343	0.1333	0.0328	-0.0280	0.0104	0.0643	0.0643
	P-707	MUSICAL	0.0737	0.0211	0.0374	0.1758	0.1157	0.0346	-0.0918	-0.0454	0.0383	0.0767
	P-708	SPORTS	-0.0512	0.0183	0.0171	0.0009	-0.0289	0.0313	0.0094	0.0505	0.0074	-0.0099
	P-709	HUNTING & FISHING	-0.0921	-0.0246	-0.0514	-0.0316	-0.0402	-0.0346	0.2976	0.2835	0.0550	-0.0156
	P-710	BUSINESS MANAGEMENT	0.0829	0.0283	0.0441	0.0227	0.0090	0.0185	-0.0866	-0.0602	-0.0235	0.0136
	P-711	SALES	0.0261	-0.0189	0.0074	-0.0489	-0.0040	-0.0015	-0.0811	-0.0655	-0.0622	-0.0300
	P-712	COMPUTATION	0.0730	0.0293	0.0776	-0.0085	0.0010	0.0455	-0.0961	-0.0760	-0.0328	0.0149
	P-713	OFFICE WORK	-0.0699	-0.0654	0.0438	-0.0572	-0.0280	-0.0168	-0.0773	-0.0957	-0.1176	-0.0652
	P-714	MECHANICAL,TECHNICAL	-0.1225	-0.0763	-0.0853	-0.1409	-0.0531	-0.0497	0.1696	0.0906	-0.0238	-0.0367
	P-715	SKILLED TRADES	-0.2032	-0.1600	-0.1375	-0.1948	-0.0893	-0.0900	0.1053	0.0096	-0.1352	-0.1275
	P-716	FARMING	-0.1146	-0.0849	-0.0608	-0.0615	-0.0587	-0.0313	0.2353	0.1348	-0.0043	-0.0600
	P-717	LABOR	-0.2054	-0.1662	-0.1219	-0.1705	-0.0946	-0.0798	0.0975	-0.0009	-0.1346	-0.1371
STDNT ACTIV INVEN	R-601	SOCIABILITY	0.0320	0.0972	0.1010	0.0259	0.0229	0.0409	-0.0292	0.0234	0.0545	0.0395
	R-602	SOCIAL SENSITIVITY	0.1085	0.1140	0.1133	0.1438	0.0563	0.0586	-0.0318	0.0214	0.0849	0.0885
	R-603	IMPULSIVENESS	0.0844	0.0596	0.0874	0.0611	0.0447	0.0247	0.0339	0.0604	0.0678	0.0607
	R-604	VIGOR	0.0599	0.1094	0.1108	0.0834	0.0321	0.0630	0.0506	0.0974	0.1143	0.0694
	R-605	CALMNESS	0.1542	0.1577	0.1644	0.1470	0.0674	0.1064	0.0250	0.0999	0.1663	0.1336
	R-606	TIDINESS	0.0493	0.1040	0.0972	0.0403	0.0455	0.0586	-0.0598	-0.0022	0.0473	0.0637
	R-607	CULTURE	0.0815	0.0811	0.1158	0.1433	0.0918	0.0692	-0.0556	0.0009	0.0686	0.0817
	R-608	LEADERSHIP	0.1130	0.0939	0.1256	0.1404	0.0612	0.0837	-0.0350	0.0184	0.0913	0.0758
	R-609	SELF-CONFIDENCE	0.1423	0.1373	0.1325	0.1475	0.0815	0.0843	0.0317	0.0746	0.1435	0.1172
	R-610	MATURE PERSONALITY	0.1458	0.1336	0.1480	0.1547	0.0731	0.0829	-0.0101	0.0587	0.1211	0.1287
STUDENT INFO BLANK SCALES	D-802	HS CURRIC-ACAD VS OTHER	0.2884	0.2415	0.1863	0.3197	0.1622	0.1695	-0.0596	0.0572	0.2805	0.2159
	F-803	HS COURSES(ACAD ORIENT)	0.3714	0.2771	0.1983	0.3741	0.1925	0.2120	-0.0859	0.0586	0.3316	0.2747
	P-820	HIGH SCHOOL GRADES	0.2398	0.1406	0.1783	0.3098	0.1268	0.1350	-0.0365	0.0565	0.1670	0.1529
	F-822	GUIDANCE RECD IN HS	0.0836	0.0754	0.0643	0.0610	0.0778	0.0604	-0.0314	0.0227	0.0832	0.0599
	F-823	GUIDANCE RECD ELSEWHERE	0.1464	0.1425	0.1093	0.1386	0.0937	0.0949	-0.0030	0.0630	0.1306	0.1153
	P-827	STUDY HABITS & ATTITUDES	0.2008	0.1500	0.1499	0.2145	0.0966	0.1146	-0.0814	0.0171	0.1591	0.1501
	P-828	SELF-PERCEP OF WRTG SKILLS	0.2168	0.1305	0.1484	0.2580	0.1579	0.0950	-0.0702	0.0122	0.1143	0.1411
	P-829	SELF-PERCEP OF RDNG SKILLS	0.3010	0.2106	0.2165	0.3407	0.1409	0.1002	0.0470	0.1380	0.2270	0.2074
	F-830	AMT OF EX-CURR RDNG	0.1808	0.1168	0.1442	0.2635	0.1071	0.0669	0.0441	0.1075	0.1574	0.1433
	P-831	VAR OF EX-CURR GRP ACT	-0.0145	-0.0514	0.0270	0.0325	0.0137	0.0075	-0.0072	-0.0131	0.0084	-0.0014
	F-832	VAR PARTIC IN EX-CURR GRP ACT	0.0217	-0.0052	0.0525	0.0972	0.0358	0.0335	-0.0116	-0.0053	0.0331	0.0355
	P-833	VARIETY OF HOBBIES	-0.0545	-0.0246	-0.0065	-0.0585	0.0172	-0.0006	0.1260	0.1085	0.0603	0.0266
	F-834	DEGREE OF ACT IN HOBBIES	-0.0619	-0.0338	-0.0266	-0.0746	0.0141	-0.0257	0.1122	0.0919	0.0179	0.0150
	F-835	PARTICIPATION IN SPORTS	0.0350	0.0939	0.0394	0.0329	0.0063	0.0626	0.0280	0.1054	0.1252	0.0473
	F-836	LEADERSHIP ROLES	0.0371	0.0317	0.0621	0.0825	0.0394	0.0494	-0.0186	0.0082	0.0485	0.0427
	F-837	SOCIAL LIFE	-0.0036	0.0534	0.0121	-0.0658	0.0166	0.0181	0.0369	0.0356	0.0018	-0.0160
	F-838	WORK ACTIVITIES	-0.0612	-0.0169	-0.0348	-0.1111	-0.0397	-0.0371	0.0613	0.0381	-0.0374	-0.0542

TABLE 6.3 (continued)

R-149	R-150	R-151	R-152	R-162	R-211	R-212	R-220	R-231	R-232	R-233	R-234	R-235		
0.1684	0.2573	0.1374	0.2551	0.2668	0.0722	0.1439	0.2297	0.2054	0.1946	0.2258	0.2036	0.1723	R-101	INFORMATION TEST I
0.3897	0.5946	0.4260	0.5801	0.6679	0.1721	0.3753	0.5079	0.4194	0.3495	0.5662	0.5153	0.4603	R-102	
0.4149	0.6094	0.4311	0.5967	0.6129	0.1560	0.3905	0.5025	0.4328	0.3298	0.5391	0.4942	0.4264	R-103	
0.3732	0.5937	0.4382	0.5291	0.5613	0.1057	0.3258	0.4895	0.3862	0.2822	0.4694	0.4340	0.3679	R-104	
0.3823	0.5458	0.3488	0.5696	0.6124	0.1477	0.3460	0.4124	0.3950	0.3434	0.5199	0.4557	0.4074	R-105	
0.4210	0.4998	0.3682	0.5485	0.5580	0.1786	0.4047	0.4536	0.4314	0.3442	0.6264	0.5015	0.4243	R-106	
0.3934	0.4939	0.3497	0.5636	0.5851	0.1701	0.3664	0.4317	0.3617	0.3202	0.5492	0.4643	0.3987	R-107	
0.2778	0.3856	0.2710	0.4430	0.4933	0.1500	0.2722	0.3166	0.2395	0.2447	0.3917	0.3610	0.3302	R-108	
0.2789	0.4103	0.2659	0.4025	0.4695	0.1311	0.2651	0.3450	0.2736	0.2779	0.4298	0.3881	0.3818	R-109	
0.3051	0.4586	0.3000	0.4745	0.5031	0.1295	0.2341	0.3451	0.2172	0.2225	0.3667	0.3513	0.3181	R-110	
0.2869	0.3701	0.2742	0.4409	0.4641	0.1261	0.2203	0.2887	0.1880	0.2079	0.3548	0.3183	0.2733	R-111	
0.1565	0.2729	0.2014	0.3032	0.4080	0.1170	0.1376	0.2324	0.1278	0.1896	0.2521	0.2489	0.2424	R-112	
0.1026	0.2140	0.0757	0.2138	0.3039	0.1142	0.1503	0.1802	0.1488	0.1907	0.2449	0.2227	0.2038	R-113	
0.2046	0.3228	0.3191	0.3206	0.3825	0.1082	0.1634	0.2467	0.1641	0.1706	0.2674	0.2535	0.2215	R-114	
0.3222	0.4315	0.2742	0.3925	0.4164	0.1013	0.2544	0.3484	0.3158	0.2591	0.3517	0.3090	0.2952	R-115	
0.3677	0.5939	0.4218	0.5337	0.6114	0.1410	0.3098	0.4620	0.3413	0.2718	0.4105	0.3958	0.3524	R-131	INFORMATION TEST II
0.3258	0.5100	0.3169	0.4770	0.5707	0.1382	0.2850	0.3790	0.3019	0.2681	0.4128	0.3840	0.3514	R-132	
0.3008	0.4487	0.3055	0.4589	0.5553	0.1160	0.2717	0.3794	0.3212	0.2756	0.3400	0.3644	0.3335	R-133	
0.2271	0.3273	0.1975	0.3445	0.4018	0.1062	0.1896	0.2628	0.1894	0.2025	0.2901	0.2582	0.2587	R-134	
0.2614	0.4103	0.3231	0.4238	0.4262	0.1150	0.2502	0.3333	0.2699	0.2134	0.3473	0.3161	0.2750	R-135	
0.2907	0.5001	0.3386	0.4579	0.5986	0.1079	0.2545	0.3867	0.3365	0.2786	0.4168	0.3736	0.3462	R-136	
0.3230	0.5216	0.3714	0.5154	0.5309	0.0934	0.2690	0.4101	0.3354	0.2685	0.4127	0.3922	0.3330	R-137	
0.2768	0.4108	0.2824	0.4100	0.4295	0.0882	0.2080	0.2991	0.2448	0.1917	0.3016	0.2806	0.2487	R-138	
0.3138	0.4968	0.3649	0.4529	0.6186	0.1158	0.2376	0.3624	0.2964	0.2553	0.3864	0.3698	0.3356	R-139	
0.2599	0.3939	0.2605	0.3882	0.4299	0.1124	0.2015	0.3067	0.2190	0.2395	0.3103	0.2802	0.2686	R-140	
0.1899	0.3192	0.1680	0.2976	0.3277	0.1055	0.1738	0.2834	0.2603	0.2134	0.2823	0.2319	0.2075	R-141	
0.2964	0.4188	0.2454	0.4411	0.4469	0.1615	0.3085	0.3438	0.2846	0.2420	0.4209	0.3777	0.3250	R-142	
0.1922	0.2572	0.2204	0.2608	0.2606	0.0861	0.1983	0.2660	0.2103	0.1369	0.2394	0.2066	0.1668	R-143	
0.1588	0.2101	0.1273	0.2058	0.2246	0.0684	0.1401	0.1887	0.1632	0.1410	0.2353	0.2039	0.1922	R-144	
-0.0169	-0.0243	-0.0716	0.0297	0.0774	0.0653	-0.0026	-0.0029	-0.0486	0.0295	-0.0076	0.0213	0.0345	R-145	
0.0908	0.1087	0.0791	0.1543	0.1901	0.0547	0.0686	0.1140	0.0589	0.0825	0.0875	0.0915	0.1021	R-146	
0.2900	0.3890	0.2511	0.4019	0.4968	0.1260	0.2256	0.3123	0.2189	0.2402	0.3413	0.3157	0.2910	R-147	
0.2212	0.3371	0.2204	0.3248	0.3642	0.0887	0.1747	0.2788	0.2161	0.1901	0.2826	0.2507	0.2493	R-148	
	0.3649	0.2739	0.3670	0.3559	0.0964	0.2313	0.2898	0.2152	0.1808	0.3051	0.2526	0.2287	R-149	
0.3649		0.4218	0.5230	0.6093	0.1202	0.3078	0.4844	0.3730	0.2849	0.4369	0.4164	0.3759	R-150	
0.2739	0.4218		0.3820	0.3999	0.0640	0.1980	0.3422	0.2495	0.1589	0.2797	0.2685	0.2460	R-151	
0.3670	0.5230	0.3820		0.5829	0.1325	0.3138	0.4345	0.3582	0.2767	0.4485	0.4025	0.3370	R-152	
0.3559	0.6093	0.3999	0.5829		0.1501	0.3289	0.4803	0.3895	0.3265	0.4932	0.4697	0.4288	R-162	
0.0964	0.1202	0.0640	0.1325	0.1501		0.3081	0.1263	0.1289	0.1771	0.2039	0.1893	0.1747	R-211	ENGLISH TEST
0.2313	0.3078	0.1980	0.3138	0.3289	0.3081		0.3518	0.3474	0.2577	0.4008	0.3448	0.3042	R-212	
0.2898	0.4844	0.3422	0.4345	0.4803	0.1263	0.3518		0.4905	0.2977	0.4585	0.4620	0.3801	R-220	
0.2152	0.3730	0.2495	0.3582	0.3895	0.1289	0.3474	0.4905		0.3899	0.5392	0.4567	0.3714	R-231	
0.1808	0.2849	0.1589	0.2767	0.3265	0.1771	0.2577	0.2977	0.3899		0.5038	0.4413	0.3898	R-232	
0.3051	0.4369	0.2797	0.4485	0.4932	0.2039	0.4008	0.4686	0.5392	0.5038		0.5867	0.5053	R-233	
0.2526	0.4164	0.2685	0.4025	0.4697	0.1893	0.3448	0.4620	0.4567	0.4413	0.5867		0.5020	R-234	
0.2287	0.3759	0.2460	0.3370	0.4288	0.1747	0.3042	0.3801	0.3714	0.3898	0.5053	0.5020		R-235	
0.2978	0.4139	0.2866	0.4318	0.4608	0.1831	0.4131	0.4572	0.4501	0.3470	0.6354	0.4944	0.4246	R-240	MATH TEST
0.3613	0.5831	0.3605	0.5557	0.6563	0.2083	0.4027	0.5556	0.4563	0.3967	0.5930	0.5340	0.5213	R-250	
0.2900	0.4605	0.3186	0.4413	0.5154	0.2080	0.3144	0.4555	0.2952	0.2853	0.4339	0.4092	0.3957	R-260	
0.2480	0.2884	0.1690	0.3368	0.4042	0.1824	0.2366	0.3477	0.1530	0.2584	0.3429	0.3385	0.3131	R-270	
0.1947	0.1816	0.1010	0.2028	0.2275	0.1256	0.1690	0.3020	0.1060	0.1601	0.2395	0.2073	0.1856	R-281	
0.2315	0.2396	0.1507	0.2855	0.3369	0.1365	0.2274	0.2593	0.1312	0.2205	0.3404	0.2784	0.2565	R-282	
0.2899	0.3476	0.2209	0.3695	0.4145	0.1618	0.3176	0.3827	0.2851	0.3158	0.4673	0.3627	0.3738	R-290	
0.3312	0.4289	0.2910	0.4599	0.5299	0.1969	0.3608	0.4042	0.3840	0.3933	0.6001	0.4840	0.4577	R-311	
0.3937	0.4530	0.3155	0.4973	0.5120	0.1960	0.4030	0.4286	0.4415	0.3908	0.6455	0.5057	0.4344	R-312	
0.3890	0.4059	0.3020	0.4487	0.4262	0.1555	0.3594	0.3795	0.3834	0.3059	0.5480	0.4413	0.3718	R-333	
0.2167	0.2839	0.1658	0.2744	0.3076	0.1507	0.2630	0.3070	0.3678	0.3186	0.4195	0.3145	0.2939	F-410	
0.0755	0.0783	0.0438	0.0710	0.0659	0.0687	0.0692	0.2249	0.0940	0.0854	0.0707	0.0730	0.0492	F-420	
0.1356	0.1905	0.1097	0.1652	0.1713	0.0916	0.1710	0.3876	0.2773	0.1466	0.2018	0.1708	0.1319	F-430	
0.1159	0.1333	0.0891	0.1208	0.1185	0.0980	0.1141	0.2620	0.0780	0.1134	0.1169	0.1069	0.0870	F-440	
0.2270	0.2326	0.1504	0.2676	0.2259	0.1494	0.2748	0.3587	0.3559	0.2638	0.3862	0.2782	0.2202	A-410	
0.0594	0.0416	0.0441	0.0508	0.0032	0.0385	0.0677	0.2219	0.0656	0.0086	0.0145	0.0198	-0.0299	A-420	
0.0470	0.0405	0.0484	0.0419	-0.0130	0.0322	0.0652	0.2900	0.1232	0.0026	0.0208	0.0081	-0.0412	A-430	
0.0728	0.0745	0.0595	0.0693	0.0405	0.0655	0.0730	0.2294	0.0191	0.0461	0.0291	0.0391	0.0063	A-440	
-0.0356	-0.0368	-0.0561	-0.0435	-0.1057	0.0109	-0.0327	0.0332	-0.0454	-0.0833	-0.1331	-0.1091	-0.1402	A-500	
0.2343	0.1689	0.0993	0.2634	0.2326	0.1248	0.1761	0.1658	0.1312	0.1231	0.2604	0.1904	0.1602	P-701	INTEREST INVENTORY
0.1390	0.1731	0.1655	0.2093	0.1832	0.0720	0.1474	0.1607	0.1266	0.0837	0.1672	0.1498	0.1292	P-702	
0.1006	0.1588	0.1365	0.1371	0.1258	0.0295	0.0838	0.0983	0.1060	0.0628	0.1100	0.0893	0.0838	P-703	
0.1638	0.2848	0.1944	0.2393	0.2181	0.0628	0.1834	0.2356	0.2124	0.1074	0.2294	0.2218	0.1793	P-704	
0.0089	0.0631	0.0463	0.0376	0.0104	0.0151	0.0677	0.0505	0.0876	0.0246	0.0708	0.0650	0.0381	P-705	
0.0743	0.1458	0.1001	0.1174	0.1173	0.0709	0.1016	0.1058	0.0472	0.0482	0.0930	0.1035	0.0857	P-706	
0.0886	0.1673	0.1078	0.1141	0.1082	0.0427	0.1099	0.1444	0.0961	0.0370	0.1318	0.1274	0.0882	P-707	
0.0343	0.0088	-0.0410	-0.0063	-0.0249	0.0065	0.0239	0.0296	0.0457	0.0154	-0.0095	-0.0176	0.0222	P-708	
-0.0651	-0.1103	-0.0924	-0.0696	-0.0509	0.0126	-0.0514	-0.0729	-0.1112	-0.0501	-0.1090	-0.0829	-0.0481	P-709	
-0.0025	0.0406	0.0565	0.0070	0.0188	-0.0073	0.0060	0.0166	0.0400	0.0111	0.0249	0.0113	0.0140	P-710	
-0.0343	-0.0211	0.0005	-0.0539	-0.0509	-0.0371	-0.0477	-0.0436	-0.0111	-0.0258	-0.0435	-0.0383	-0.0370	P-711	
0.0422	-0.0064	-0.0213	0.0130	0.0028	0.0312	0.0231	0.0123	0.0727	0.0558	0.0395	0.0220	-0.0027	P-712	
-0.0707	-0.1048	-0.1147	-0.1112	-0.1200	-0.0111	-0.0492	-0.0613	0.0006	-0.0249	-0.0250	-0.0588	-0.0770	P-713	
-0.1205	-0.1942	-0.1793	-0.1308	-0.1217	0.0072	-0.1281	-0.1467	-0.1658	-0.1054	-0.1642	-0.1330	-0.1203	P-714	
-0.2007	-0.2642	-0.2198	-0.2474	-0.2465	-0.0493	-0.1858	-0.2168	-0.2023	-0.1555	-0.2616	-0.2130	-0.1946	P-715	
-0.1263	-0.1654	-0.1621	-0.1503	-0.1115	-0.0090	-0.0893	-0.1434	-0.1359	-0.0699	-0.1251	-0.1041	-0.0737	P-716	
-0.1943	-0.2506	-0.2390	-0.2450	-0.2401	-0.0526	-0.1643	-0.2047	-0.1800	-0.1415	-0.2341	-0.2024	-0.1812	P-717	
0.0465	0.0556	0.0764	0.0287	0.0283	0.0056	0.0175	0.0938	0.0489	0.0371	0.0142	0.0131	0.0237	R-601	STDNT ACTIV INVEN
0.0806	0.1469	0.1138	0.1275	0.1286	0.0192	0.0800	0.1717	0.1227	0.0728	0.1300	0.1270	0.1039	R-602	
0.0485	0.0885	0.0904	0.0679	0.0558	-0.0090	-0.0104	0.0912	0.0116	-0.0067	-0.0057	0.0014	-0.0073	R-603	
0.0748	0.0686	0.0569	0.0782	0.0879	0.0208	0.0637	0.1251	0.0890	0.0557	0.0717	0.0648	0.0693	R-604	
0.1159	0.1529	0.1062	0.1582	0.1593	0.0582	0.0986	0.1519	0.1174	0.1026	0.1593	0.1406	0.1228	R-605	
0.0259	0.0751	0.0713	0.0600	0.0714	0.0203	0.0435	0.1220	0.1261	0.0717	0.0952	0.0714	0.0536	R-606	
0.0703	0.1299	0.1178	0.1026	0.0829	0.0345	0.0801	0.1256	0.1170	0.0722	0.1193	0.1007	0.0600	R-607	
0.0852	0.1335	0.1233	0.1215	0.1038	0.0357	0.0983	0.1496	0.1196	0.0613	0.1307	0.1066	0.0833	R-608	
0.1215	0.1669	0.1212	0.1524	0.1469	0.0684	0.1006	0.1643	0.1092	0.0879	0.1503	0.1350	0.1174	R-609	
0.0906	0.1456	0.1067	0.1497	0.1478	0.0436	0.1080	0.1759	0.1693	0.1059	0.1887	0.1506	0.1098	R-610	
0.2843	0.3706	0.2957	0.3792	0.3742	0.1105	0.2939	0.3239	0.3160	0.2232	0.4223	0.3488	0.3047	D-802	STUDENT INFO BLANK SCALES
0.3645	0.4475	0.3612	0.4708	0.4618	0.1335	0.3450	0.4064	0.3900	0.2618	0.5092	0.4216	0.3658	F-803	
0.1982	0.2545	0.1655	0.2814	0.2470	0.1394	0.2869	0.2758	0.3322	0.1723	0.3840	0.3079	0.2134	P-820	
0.0847	0.1294	0.1504	0.1175	0.1164	0.0193	0.0713	0.1193	0.0903	0.0568	0.1165	0.0927	0.0736	F-822	
0.1202	0.1717	0.1495	0.1664	0.1814	0.0516	0.1266	0.1554	0.1193	0.1189	0.1758	0.1535	0.1483	F-823	
0.1573	0.2351	0.1695	0.2268	0.2328	0.1064	0.2051	0.2073	0.2694	0.1764	0.3447	0.2767	0.2265	P-827	
0.1584	0.2843	0.2184	0.2547	0.2610	0.0838	0.2269	0.3525	0.3517	0.1613	0.3370	0.2965	0.2360	P-828	
0.2040	0.3367	0.2048	0.3192	0.3203	0.1194	0.2026	0.3170	0.2719	0.1392	0.2665	0.2495	0.2248	P-829	
0.1673	0.2434	0.1366	0.2485	0.2033	0.0430	0.1195	0.2117	0.1521	0.0779	0.1524	0.1679	0.1241	F-830	
0.0056	-0.0154	0.0322	0.0017	-0.0442	-0.0164	-0.0037	0.0038	-0.0047	-0.0414	-0.0069	-0.0139	-0.0498	P-831	
0.0374	0.0398	0.0662	0.0432	0.0079	0.0047	0.0250	0.0387	0.0264	-0.0157	0.0382	0.0261	-0.0100	F-832	
-0.0213	-0.0835	-0.0393	-0.0360	-0.0455	0.0229	-0.0515	-0.0643	-0.1060	-0.0594	-0.0595	-0.0449	-0.0495	P-833	
-0.0466	-0.0871	-0.0254	-0.0492	-0.0693	-0.0089	-0.0939	-0.0782	-0.1475	-0.0830	-0.1146	-0.0895	-0.1049	F-834	
0.1160	0.0709	0.0776	0.0788	0.0703	0.0242	0.0441	0.0983	0.0371	0.0456	0.0289	0.0310	0.0688	F-835	
0.0596	0.0628	0.0509	0.0578	0.0421	0.0289	0.0797	0.0673	0.0521	0.0340	0.0765	0.0559	0.0634	F-836	
-0.0020	0.0077	0.0462	-0.0299	-0.0094	0.0043	-0.0197	0.0389	-0.0471	-0.0440	-0.0612	-0.0619	-0.0186	F-837	
[illegible]	0.1577	-0.0547	-0.1145	-0.0949	-0.0347	-0.1148	-0.0847	-0.1247	-0.0573	-0.1364	-0.1221	-0.0835	F-838	

TABLE 6.3 (continued)

			R-240	R-250	R-260	R-270	R-281	R-282	R-290	R-311	R-312	R-333
INFORMATION TEST I	R-101	SCREENING	0.1839	0.3093	0.2051	0.1750	0.1093	0.0968	0.1742	0.2339	0.2170	0.1665
	R-102	VOCABULARY I	0.5342	0.7190	0.5675	0.4841	0.2582	0.3866	0.4646	0.5986	0.6230	0.5449
	R-103	LITERATURE	0.5278	0.6946	0.4969	[illegible]	0.1978	0.2988	0.4215	0.5183	0.5753	0.5173
	R-104	MUSIC	0.4539	0.5699	0.4629	[illegible]	0.1909	0.2904	0.3796	0.4338	0.4952	0.4485
	R-105	SOCIAL STUDIES	0.4856	0.6835	0.4588	0.3523	0.1985	0.3156	0.4255	0.5531	0.5777	0.4983
	R-106	MATHEMATICS	0.6271	0.6406	0.4969	0.4701	0.2871	0.4248	0.5285	0.6747	0.8542	0.7769
	R-107	PHYSICAL SCIENCES	0.5318	0.6481	0.5339	0.5272	0.2778	0.4415	0.4863	0.6024	0.6885	0.5181
	R-108	BIOLOGICAL SCIENCES	0.3776	0.5424	0.4617	0.4363	0.2129	0.3563	0.3499	0.4346	0.4433	0.3965
	R-109	SCIENTIFIC ATTITUDE	0.4037	0.5513	0.4203	0.3775	0.2059	0.2898	0.3792	0.4912	0.4557	0.4118
	R-110	AERONAUTICS AND SPACE	0.3535	0.5300	0.5095	0.4980	0.2421	0.3931	0.3737	0.4233	0.4501	0.4183
	R-111	ELECTRICITY,ELECTRONICS	0.3377	0.4504	0.5087	0.5525	0.2630	0.4388	0.3672	0.4520	0.4752	0.4471
	R-112	MECHANICS	0.2259	0.3700	0.4538	0.5147	0.2508	0.3830	0.2675	0.3762	0.2851	0.2317
	R-113	FARMING	0.2123	0.3088	0.3142	0.3382	0.1640	0.2491	0.1971	0.2925	0.2159	0.1551
	R-114	HOME ECONOMICS	0.2496	0.3360	0.3848	0.3236	0.1740	0.2926	0.2522	0.3206	0.2927	0.2509
	R-115	SPORTS	0.3373	0.4591	0.2988	0.2034	0.1687	0.1553	0.2959	0.3943	0.4309	0.3778
INFORMATION TEST II	R-131	ART	0.3854	0.5752	0.4788	0.3275	0.2075	0.2985	0.3700	0.4145	0.4326	0.3958
	R-132	LAW	0.4031	0.5703	0.4361	0.3472	0.1941	0.2783	0.3417	0.4675	0.4535	0.3935
	R-133	HEALTH	0.3590	0.5215	0.4095	0.3146	0.1653	0.2387	0.3217	0.4097	0.4072	0.3613
	R-134	ENGINEERING	0.2727	0.3946	0.3859	0.3817	0.2130	0.2937	0.2787	0.3518	0.3232	0.2807
	R-135	ARCHITECTURE	0.3467	0.4466	0.3745	0.2838	0.1614	0.2643	0.2798	0.3531	0.3612	0.3290
	R-136	JOURNALISM	0.3746	0.5447	0.3930	0.2562	0.1529	0.2215	0.3222	0.4298	0.4255	0.3588
	R-137	FOREIGN TRAVEL	0.3935	0.5573	0.4191	0.3004	0.1605	0.2583	0.3426	0.4124	0.4360	0.3912
	R-138	MILITARY	0.2853	0.4463	0.3407	0.2392	0.1305	0.1991	0.2399	0.3349	0.3524	0.3094
	R-139	ACCOUNTING,BUSINESS,SALES	0.3703	0.5203	0.4199	0.3104	0.1628	0.2613	0.3213	0.4789	0.4270	0.3765
	R-140	PRACTICAL KNOWLEDGE	0.2688	0.4232	0.3456	0.2892	0.1941	0.2357	0.2765	0.3437	0.3197	0.2542
	R-141	CLERICAL	0.2319	0.3189	0.2709	0.2065	0.1348	0.1515	0.1872	0.2696	0.2669	0.2159
	R-142	BIBLE	0.4297	0.5371	0.3768	0.2762	0.1592	0.2447	0.3034	0.4057	0.4096	0.3561
	R-143	COLORS	0.2475	0.2328	0.2518	0.1765	0.1313	0.2039	0.1992	0.2170	0.2368	0.2163
	R-144	ETIQUETTE	0.2221	0.2431	0.2037	0.2193	0.1521	0.1786	0.2136	0.2497	0.2666	0.2375
	R-145	HUNTING	-0.0026	0.0666	0.1492	0.2347	0.1020	0.1440	0.0448	0.0639	-0.0132	-0.0349
	R-146	FISHING	0.1036	0.1778	0.2268	0.2238	0.1186	0.1538	0.1018	0.1431	0.1060	0.0896
	R-147	OUTDOOR ACTIVITIES(OTHER)	0.3173	0.4524	0.4185	0.4014	0.2311	0.3080	0.3271	0.3917	0.3879	0.3386
	R-148	PHOTOGRAPHY	0.2467	0.3763	0.3316	0.2691	0.1595	0.2076	0.2460	0.3090	0.3075	0.2790
	R-149	GAMES(SEDENTARY)	0.2978	0.3613	0.2900	0.2480	0.1947	0.2315	0.2899	0.3312	0.3937	0.3890
	R-150	THEATER,BALLET	0.4139	0.5831	0.4605	0.2884	0.1816	0.2396	0.3476	0.4289	0.4530	0.4059
	R-151	FOODS	0.2866	0.3605	0.3186	0.1690	0.1010	0.1507	0.2209	0.2910	0.3155	0.3020
	R-152	MISCELLANEOUS	0.4318	0.5557	0.4413	0.3368	0.2028	0.2855	0.3695	0.4599	0.4973	0.4487
	R-162	VOCABULARY II	0.4608	0.6563	0.5154	0.4042	0.2275	0.3369	0.4145	0.5299	0.5120	0.4262
	R-211	MEMORY FOR SENTENCES	0.1831	0.2083	0.2080	0.1824	0.1256	0.1365	0.1618	0.1969	0.1960	0.1555
	R-212	MEMORY FOR WORDS	0.4131	0.4027	0.3144	0.2366	0.1690	0.2274	0.3176	0.3608	0.4030	0.3594
	R-220	DISGUISED WORDS	0.4572	0.5556	0.4655	0.3477	0.3020	0.2593	0.3827	0.4042	0.4286	0.3795
ENGLISH TEST	R-231	SPELLING	0.4501	0.4563	0.2952	0.1530	0.1060	0.1312	0.2851	0.3840	0.4415	0.3834
	R-232	CAPITALIZATION	0.3470	0.3967	0.2853	0.2584	0.1601	0.2205	0.3158	0.3933	0.3908	0.3059
	R-233	PUNCTUATION	0.6354	0.5930	0.4339	0.3829	0.2395	0.3404	0.4673	0.6001	0.6455	0.5480
	R-234	USAGE	0.4944	0.5340	0.4092	0.3385	0.2073	0.2784	0.3827	0.4840	0.5057	0.4413
	R-235	EFFECTIVE EXPRESSION	0.4246	0.5213	0.3957	0.3131	0.1856	0.2565	0.3738	0.4577	0.4344	0.3718
	R-240	WORD FUNCTIONS IN SENTENCES		0.6059	0.4632	0.3914	0.2673	0.3775	0.4733	0.5646	0.6338	0.5685
	R-250	READING COMPREHENSION	0.6059		0.6113	0.4854	0.2896	0.4086	0.5447	0.6204	0.6162	0.5189
	R-260	CREATIVITY	0.4632	0.6113		0.5458	0.3355	0.4656	0.4712	0.4922	0.4741	0.4202
	R-270	MECHANICAL REASONING	0.3914	0.4854	0.5458		0.4705	0.6134	0.5380	0.4811	0.4606	0.4029
	R-281	VISUALIZATION IN 2-DIMENSIONS	0.2673	0.2896	0.3355	0.4705		0.4724	0.3861	0.2984	0.3013	0.2664
	R-282	VISUALIZATION IN 3-DIMENSIONS	0.3775	0.4086	0.4656	0.6134	0.4724		0.5337	0.4194	0.4257	0.3797
	R-290	ABSTRACT REASONING	0.4733	0.5447	0.4712	0.5380	0.3861	0.5337		0.5171	0.5372	0.4664
MATH TEST	R-311	ARITHMETIC REASONING	0.5646	0.6204	0.4922	0.4811	0.2984	0.4194	0.5171		0.7121	0.5966
	R-312	INTRODUCTORY HIGH SCHOOL MATH	0.6338	0.6162	0.4741	0.4606	0.3013	0.4257	0.5372	0.7121		0.7854
	R-333	ADVANCED MATH	0.5685	0.5189	0.4202	0.4029	0.2664	0.3797	0.4664	0.5966	0.7854	
	F-410	ARITHMETIC COMPUTATION	0.3621	0.3911	0.2632	0.1979	0.1870	0.1802	0.3221	0.4283	0.4795	0.3746
	F-420	TABLE READING	0.0731	0.0994	0.1053	0.1007	0.2041	0.1180	0.1259	0.0767	0.0732	0.0546
	F-430	CLERICAL CHECKING	0.1985	0.2276	0.1544	0.1054	0.2150	0.1053	0.1874	0.1560	0.1839	0.1594
	F-440	OBJECT INSPECTION	0.1310	0.1611	0.2031	0.2494	0.3148	0.2760	0.2444	0.1088	0.1264	0.1183
	A-410	ARITHMETIC COMPUTATION	0.3548	0.2737	0.2213	0.1629	0.2282	0.1507	0.2642	0.3789	0.4798	0.4174
	A-420	TABLE READING	0.0452	0.0160	0.0573	0.0408	0.1773	0.0530	0.0556	0.0233	0.0542	0.0631
	A-430	CLERICAL CHECKING	0.0534	0.0077	0.0150	-0.0107	0.1745	-0.0010	0.0303	-0.0159	0.0265	0.0508
	A-440	OBJECT INSPECTION	0.0671	0.0669	0.1500	0.1849	0.2867	0.2088	0.1570	0.0225	0.0577	0.0704
	A-500	PREFERENCES	-0.1247	-0.1371	-0.0711	-0.0922	0.0333	-0.1060	-0.1398	-0.1376	-0.1289	-0.1083
INTEREST INVENTORY	P-701	PHYSICAL SCIENCE,ENGRNG.,MATH	0.2827	0.2928	0.2808	0.3245	0.2021	0.3166	0.2767	0.3326	0.4602	0.4482
	P-702	BIOLOGICAL SCIENCE & MEDICINE	0.1947	0.2282	0.1713	0.1213	0.0610	0.1127	0.1455	0.1657	0.2521	0.2520
	P-703	PUBLIC SERVICE	0.1299	0.1561	0.0496	-0.0419	-0.0124	-0.0168	0.0645	0.1191	0.1433	0.1327
	P-704	LITERARY,LINGUISTICS	0.2508	0.2858	0.1562	0.0139	-0.0009	0.0547	0.1360	0.1621	0.2052	0.2000
	P-705	SOCIAL SERVICE	0.0861	0.0463	-0.0279	-0.1108	-0.0776	-0.0698	-0.0058	0.0141	0.0502	0.0373
	P-706	ARTISTIC	0.1166	0.1307	0.1437	0.0973	0.0708	0.1847	0.1272	0.0599	0.0862	0.0901
	P-707	MUSICAL	0.1497	0.1303	0.1065	0.0459	0.0154	0.0812	0.0872	0.0488	0.0873	0.0969
	P-708	SPORTS	0.0149	0.0202	-0.0467	-0.0690	0.0203	-0.0637	0.0083	0.0093	0.0476	0.0421
	P-709	HUNTING & FISHING	-0.0898	-0.0370	0.0072	0.0620	0.0339	0.0240	-0.0235	-0.0657	-0.0960	-0.0949
	P-710	BUSINESS MANAGEMENT	0.0388	0.0295	-0.0267	-0.0783	-0.0475	-0.0529	-0.0048	0.0372	0.0321	0.0225
	P-711	SALES	-0.0325	-0.0553	-0.0777	-0.1259	-0.0770	-0.0935	-0.0639	-0.0393	-0.0611	-0.0700
	P-712	COMPUTATION	0.0853	0.0099	-0.0158	-0.0288	0.0229	0.0228	0.0619	0.1334	0.1702	0.1434
	P-713	OFFICE WORK	-0.0416	-0.1235	-0.1039	-0.1223	-0.0584	-0.0682	-0.0644	-0.0655	-0.0696	-0.0769
	P-714	MECHANICAL,TECHNICAL	-0.1428	-0.1568	0.0063	0.1355	0.0570	0.1104	-0.0625	-0.0695	-0.1068	-0.0951
	P-715	SKILLED TRADES	-0.2419	-0.2877	-0.1520	-0.0674	-0.0561	-0.0448	-0.1782	-0.2093	-0.2790	-0.2584
	P-716	FARMING	-0.1164	-0.1037	-0.0436	0.0353	-0.0079	0.0112	-0.0729	-0.0802	-0.1439	-0.1446
	P-717	LABOR	-0.2113	-0.2664	-0.1646	-0.0923	-0.0729	-0.0890	-0.1846	-0.2056	-0.2654	-0.2570
STDNT ACTIV INVEN	R-601	SOCIABILITY	0.0126	0.0256	0.0182	-0.0325	[illegible]	-0.0515	-0.0002	0.0050	0.0071	-0.0048
	R-602	SOCIAL SENSITIVITY	0.1316	0.1534	0.1131	0.0382	[illegible]	0.0086	0.0712	0.0906	0.1094	0.1117
	R-603	IMPULSIVENESS	-0.0102	0.0413	0.0472	0.0276	[illegible]	-0.0091	-0.0213	0.0189	-0.0002	0.0044
	R-604	VIGOR	0.0714	0.1072	0.0847	0.0387	[illegible]	0.0062	0.0459	0.0785	0.0912	0.0836
	R-605	CALMNESS	0.1548	0.1817	0.1733	0.1317	0.1060	0.0984	0.1206	0.1662	0.1938	0.1882
	R-606	TIDINESS	0.0811	0.0695	0.0545	-0.0083	0.0341	-0.0016	0.0439	0.0490	0.0772	0.0678
	R-607	CULTURE	0.1220	0.0927	0.0810	-0.0060	0.0211	0.0103	0.0445	0.0461	0.0921	0.0937
	R-608	LEADERSHIP	0.1397	0.1249	0.0917	0.0242	0.0435	0.0206	0.0675	0.1203	0.1541	0.1538
	R-609	SELF-CONFIDENCE	0.1462	0.1766	0.1550	0.1060	0.0950	0.0748	0.0967	0.1343	0.1653	0.1470
	R-610	MATURE PERSONALITY	0.1914	0.1680	0.1530	0.0804	0.0771	0.0735	0.0986	0.1817	0.2117	0.2057
STUDENT INFO BLANK SCALES	D-802	HS CURRIC-ACAD VS OTHER	0.4312	0.4619	0.3144	0.2377	0.1493	0.2247	0.3441	0.4107	0.5693	0.5161
	F-803	HS COURSES(ACAD ORIENT)	0.5161	0.5412	0.3855	0.3040	0.1895	0.2844	0.4222	0.5205	0.6799	0.6338
	P-820	HIGH SCHOOL GRADES	0.4034	0.3161	0.2222	0.1326	0.1052	0.1388	0.2174	0.3287	0.4350	0.4252
	F-822	GUIDANCE RECD IN HS	0.1165	0.1153	0.0953	0.0580	0.0456	0.0644	0.0989	0.1014	0.1538	0.1418
	F-823	GUIDANCE RECD ELSEWHERE	0.1721	0.2017	0.1546	0.1064	0.0735	0.0981	0.1601	0.1362	0.2051	0.1815
	P-827	STUDY HABITS & ATTITUDES	0.3413	0.3023	0.2085	0.1109	0.0664	0.1345	0.2027	0.2810	0.3858	0.3630
	P-828	SELF-PERCEP OF WRTG SKILLS	0.3348	0.3039	0.2105	0.0613	0.0372	0.0541	0.1597	0.2241	0.2619	0.2403
	P-829	SELF-PERCEP OF RDNG SKILLS	0.2628	0.4042	0.3047	0.1454	0.0732	0.1086	0.1689	0.2626	0.2729	0.2515
	F-830	AMT OF EX-CURR RDNG	0.1510	0.2663	0.2037	0.0950	0.0466	0.0841	0.1057	0.1416	0.1653	0.1675
	P-831	VAR OF EX-CURR GRP ACT	0.0191	-0.0614	-0.0093	-0.0338	-0.0264	-0.0231	-0.0358	-0.0344	0.0088	0.0391
	F-832	VAR PARTIC IN EX-CURR GRP ACT	0.0630	-0.0006	0.0377	-0.0026	-0.0065	0.0076	-0.0018	0.0045	0.0459	0.0662
	P-833	VARIETY OF HOBBIES	-0.0479	-0.0925	0.0587	0.1222	0.0717	0.1339	0.0242	-0.0366	-0.0306	-0.0189
	F-834	DEGREE OF ACT IN HOBBIES	-0.1015	-0.1230	0.0392	0.0900	0.0485	0.1143	-0.0313	-0.0915	-0.1024	-0.0819
	F-835	PARTICIPATION IN SPORTS	0.0433	0.1035	0.0587	0.0444	0.0642	0.0191	0.0782	0.0628	0.1003	0.0921
	F-836	LEADERSHIP ROLES	0.0893	0.0613	0.0494	0.0285	0.0317	0.0097	0.0501	0.0564	0.0984	0.0971
	F-837	SOCIAL LIFE	-0.0568	-0.0474	0.0005	0.0027	0.0416	-0.0255	-0.0069	-0.0281	-0.0666	-0.0684
	F-838	WORK ACTIVITIES	-0.1393	-0.1337	-0.0571	-0.0072	0.0092	-0.0154	-0.0842	-0.0776	-0.1443	-0.1604

TABLE 6.3 (continued)

F-410	F-420	F-430	F-440	A-410	A-420	A-430	A-440	A-500	P-701	P-702	P-703	P-704		
0.1983	0.0874	0.1328	0.0828	0.2189	0.0533	0.0698	0.0574	0.0815	0.0610	0.0368	0.0314	0.0318	R-101	INFORMATION TEST I
0.3428	0.0511	0.1593	0.1196	0.2812	0.0078	-0.0192	0.0434	-0.1092	0.3131	0.2325	0.1135	0.2385	R-102	
0.3177	0.0608	0.1867	0.1246	0.2798	0.0303	0.0413	0.0600	-0.0654	0.2579	0.2481	0.1905	0.3548	R-103	
0.2604	0.0545	0.1488	0.1323	0.2293	0.0315	0.0166	0.0769	-0.0868	0.2168	0.2299	0.1456	0.3141	R-104	
0.3442	0.0600	0.1537	0.0973	0.2963	0.0200	0.0073	0.0287	-0.0819	0.2714	0.2016	0.1880	0.2547	R-105	
0.4325	0.0619	0.1721	0.1215	0.4321	0.0466	0.0237	0.0573	-0.1254	0.4754	0.2923	0.1488	0.2315	R-106	
0.3309	0.0407	0.1336	0.1174	0.3019	0.0124	-0.0179	0.0529	-0.1167	0.4640	0.3068	0.0956	0.2037	R-107	
0.1966	-0.0149	0.0667	0.0760	0.1479	-0.0430	-0.0600	0.0233	-0.0887	0.2952	0.2583	0.0496	0.1644	R-108	
0.2628	0.0350	0.1009	0.0826	0.1966	-0.0040	-0.0459	0.0140	-0.0966	0.2040	0.1475	0.0968	0.1707	R-109	
0.1825	0.0287	0.0744	0.1261	0.1390	-0.0051	-0.0464	0.0744	-0.0761	0.3498	0.2085	0.0533	0.1587	R-110	
0.1711	0.0158	0.0349	0.1072	0.1316	-0.0151	-0.0697	0.0626	-0.0974	0.3985	0.1746	-0.0213	0.0490	R-111	
0.1347	0.0179	0.0034	0.0897	0.0666	-0.0319	-0.1125	0.0390	-0.0471	0.2331	0.0637	-0.0566	-0.0530	R-112	
0.1497	-0.0042	0.0173	0.0268	0.0976	-0.0502	-0.0777	-0.0133	-0.0099	0.1059	0.0437	-0.0195	0.0105	R-113	
0.1453	0.0247	0.0450	0.0910	0.1244	-0.0002	-0.0209	0.0620	-0.0319	0.1771	0.1476	0.0316	0.0947	R-114	
0.3363	0.1019	0.1812	0.1156	0.3330	0.0757	0.0699	0.0717	0.0187	0.2043	0.1799	0.1723	0.1740	R-115	
0.2444	0.0695	0.1717	0.1502	0.1947	0.0369	0.0358	0.1009	-0.0443	0.2007	0.1951	0.1300	0.2806	R-131	INFORMATION TEST II
0.2605	0.0586	0.1338	0.0961	0.2133	0.0081	-0.0012	0.0347	-0.0491	0.2131	0.1463	0.1668	0.2215	R-132	
0.2610	0.0642	0.1476	0.0994	0.2160	0.0189	0.0209	0.0392	-0.0605	0.2062	0.2057	0.0835	0.1626	R-133	
0.1977	0.0461	0.0807	0.1026	0.1557	0.0031	-0.0152	0.0604	-0.0399	0.2189	0.1164	0.0241	0.0769	R-134	
0.1912	0.0193	0.1037	0.0752	0.1793	0.0074	0.0093	0.0454	-0.0406	0.1870	0.1521	0.1129	0.2233	R-135	
0.2768	0.0617	0.1486	0.0912	0.2275	0.0202	0.0124	0.0314	-0.0555	0.1709	0.1522	0.1487	0.2129	R-136	
0.2456	0.0406	0.1296	0.1073	0.2014	0.0214	0.0062	0.0512	-0.0711	0.1965	0.1758	0.1337	0.2419	R-137	
0.1865	0.0525	0.1133	0.0887	0.1738	0.0365	0.0282	0.0573	-0.0092	0.1911	0.1466	0.1663	0.1933	R-138	
0.2606	0.0544	0.1259	0.0771	0.2115	0.0191	-0.0017	0.0232	-0.0619	0.1655	0.1210	0.1592	0.1971	R-139	
0.2546	0.1130	0.1579	0.1293	0.2146	0.0339	0.0292	0.0745	-0.0041	0.1369	0.0904	0.0703	0.1007	R-140	
0.2266	0.0706	0.1421	0.0840	0.2488	0.0505	0.0652	0.0571	0.0660	0.1153	0.0907	0.0800	0.1116	R-141	
0.2131	0.0300	0.1184	0.0615	0.1974	0.0109	0.0259	0.0184	-0.0187	0.1961	0.1795	0.1536	0.2950	R-142	
0.1221	0.0357	0.1018	0.0862	0.1059	0.0260	0.0358	0.0563	-0.0254	0.1008	0.1085	0.0427	0.1278	R-143	
0.1588	0.0432	0.0776	0.0671	0.1600	0.0262	0.0161	0.0351	-0.0430	0.1107	0.0740	0.0385	0.0648	R-144	
-0.0171	-0.0149	-0.0565	0.0018	-0.0438	-0.0403	-0.0780	-0.0077	0.0249	0.0649	0.0016	-0.0921	-0.1032	R-145	
0.0472	0.0113	-0.0011	0.0522	0.0619	0.0011	-0.0225	0.0399	0.0387	0.1195	0.0960	-0.0377	-0.0188	R-146	
0.2115	0.0609	0.0975	0.1196	0.1995	0.0251	-0.0055	0.0711	-0.0300	0.2155	0.1580	0.0422	0.0847	R-147	
0.2069	0.0680	0.1148	0.0861	0.1776	0.0242	0.0229	0.0472	-0.0108	0.1805	0.1316	0.0700	0.1159	R-148	
0.2167	0.0755	0.1356	0.1159	0.2270	0.0594	0.0470	0.0728	-0.0356	0.2343	0.1390	0.1006	0.1638	R-149	
0.2839	0.0783	0.1905	0.1333	0.2326	0.0416	0.0405	0.0745	-0.0368	0.1689	0.1731	0.1588	0.2848	R-150	
0.1658	0.0438	0.1097	0.0891	0.1504	0.0441	0.0484	0.0595	-0.0561	0.0993	0.1655	0.1365	0.1944	R-151	
0.2744	0.0710	0.1652	0.1208	0.2676	0.0508	0.0419	0.0693	-0.0435	0.2634	0.2093	0.1371	0.2393	R-152	
0.3076	0.0659	0.1713	0.1185	0.2259	0.0032	-0.0130	0.0405	-0.1057	0.2326	0.1832	0.1258	0.2181	R-162	
0.1507	0.0687	0.0916	0.0980	0.1494	0.0385	0.0322	0.0655	0.0109	0.1248	0.0720	0.0295	0.0628	R-211	ENGLISH TEST
0.2630	0.0692	0.1710	0.1141	0.2748	0.0677	0.0652	0.0730	-0.0327	0.1761	0.1474	0.0838	0.1834	R-212	
0.3070	0.2249	0.3876	0.2620	0.3587	0.2219	0.2900	0.2294	0.0332	0.1658	0.1607	0.0983	0.2356	R-220	
0.3678	0.0940	0.2773	0.0780	0.3559	0.0656	0.1232	0.0191	-0.0454	0.1312	0.1266	0.1060	0.2124	R-231	
0.3186	0.0854	0.1466	0.1134	0.2638	0.0086	0.0026	0.0461	-0.0833	0.1231	0.0837	0.0628	0.1074	R-232	
0.4196	0.0707	0.2018	0.1169	0.3862	0.0145	0.0208	0.0291	-0.1331	0.2604	0.1672	0.1100	0.2294	R-233	
0.3145	0.0730	0.1708	0.1069	0.2782	0.0198	0.0081	0.0391	-0.1091	0.1904	0.1498	0.0893	0.2218	R-234	
0.2939	0.0492	0.1319	0.0870	0.2202	-0.0299	-0.0412	0.0063	-0.1402	0.1602	0.1292	0.0838	0.1793	R-235	
0.3621	0.0731	0.1985	0.1310	0.3548	0.0452	0.0534	0.0671	-0.1247	0.2827	0.1947	0.1299	0.2508	R-240	
0.3911	0.0994	0.2276	0.1611	0.2737	0.0160	0.0077	0.0669	-0.1371	0.2828	0.2282	0.1561	0.2858	R-250	
0.2632	0.1053	0.1544	0.2031	0.2213	0.0573	0.0150	0.1500	-0.0711	0.2808	0.1713	0.0496	0.1562	R-260	
0.1979	0.1007	0.1054	0.2494	0.1629	0.0408	-0.0107	0.1849	-0.0922	0.3245	0.1213	-0.0419	0.0139	R-270	
0.1870	0.2041	0.2150	0.3148	0.2282	0.1773	0.1745	0.2867	0.0333	0.2021	0.0610	-0.0124	-0.0009	R-281	
0.1802	0.1180	0.1053	0.2760	0.1507	0.0530	-0.0010	0.2088	-0.1060	0.3166	0.1127	-0.0168	0.0547	R-282	
0.3221	0.1259	0.1874	0.2444	0.2642	0.0556	0.0303	0.1570	-0.1398	0.2767	0.1455	0.0645	0.1360	R-290	
0.4283	0.0767	0.1560	0.1088	0.3789	0.0233	-0.0159	0.0225	-0.1376	0.3326	0.1657	0.1191	0.1621	R-311	MATH TEST
0.4795	0.0732	0.1839	0.1264	0.4798	0.0542	0.0265	0.0577	-0.1289	0.4602	0.2521	0.1433	0.2052	R-312	
0.3746	0.0546	0.1594	0.1183	0.4174	0.0631	0.0508	0.0704	-0.1083	0.4482	0.2520	0.1327	0.2000	R-333	
	0.1722	0.2485	0.1325	0.3978	0.0463	0.0420	0.0293	-0.0424	0.1992	0.0918	0.0920	0.0721	F-410	
0.1722		0.4060	0.4146	0.2025	0.6160	0.3735	0.3803	0.1538	0.0464	0.0165	0.0231	-0.0046	F-420	
0.2485	0.4060		0.3460	0.3044	0.3448	0.5843	0.3174	0.1198	0.0806	0.0772	0.0951	0.1048	F-430	
0.1325	0.4146	0.3460		0.2250	0.3475	0.3486	0.8521	0.1348	0.1017	0.0644	0.0207	0.0243	F-440	
0.3978	0.2025	0.3044	0.2250		0.3350	0.3216	0.2552	0.1419	0.2147	0.1152	0.1154	0.0812	A-410	
0.0463	0.6160	0.3448	0.3475	0.3350		0.5149	0.4554	0.2685	0.0325	0.0241	0.0393	0.0050	A-420	
0.0420	0.3735	0.5843	0.3486	0.3216	0.5149		0.4494	0.2915	0.0160	0.0582	0.0937	0.0646	A-430	
0.0293	0.3803	0.3174	0.8521	0.2552	0.4554	0.4494		0.2265	0.0766	0.0623	0.0208	0.0163	A-440	
-0.0424	0.1538	0.1198	0.1348	0.1419	0.2685	0.2915	0.2265		-0.0445	-0.0081	0.0353	-0.0140	A-500	
0.1992	0.0464	0.0806	0.1017	0.2147	0.0325	0.0160	0.0766	-0.0445		0.5926	0.2694	0.3193	P-701	INTEREST INVENTORY
0.0918	0.0165	0.0772	0.0644	0.1152	0.0241	0.0582	0.0623	-0.0081	0.5926		0.3707	0.4813	P-702	
0.0920	0.0231	0.0951	0.0207	0.1154	0.0393	0.0937	0.0208	0.0353	0.2694	0.3707		0.5784	P-703	
0.0721	-0.0046	0.1048	0.0243	0.0812	0.0050	0.0646	0.0163	-0.0140	0.3193	0.4813	0.5784		P-704	
0.0313	-0.0087	0.0474	-0.0346	0.0599	-0.0042	0.0517	-0.0230	-0.0029	0.1649	0.3903	0.4475	0.5727	P-705	
-0.0175	-0.0084	0.0292	0.0839	-0.0147	-0.0090	0.0088	0.0798	-0.0195	0.3521	0.4055	0.3214	0.6170	P-706	
-0.0089	-0.0252	0.0273	0.0241	-0.0060	-0.0184	0.0051	0.0175	-0.0367	0.1867	0.2976	0.2395	0.5562	P-707	
0.0913	0.0657	0.0904	0.0383	0.1370	0.0646	0.0816	0.0470	0.0773	0.2474	0.2541	0.3024	0.2382	P-708	
-0.0699	-0.0076	-0.0515	0.0070	-0.0687	-0.0209	-0.0314	0.0197	0.0400	0.1578	0.1760	0.0735	0.0533	P-709	
0.0506	0.0282	0.0631	0.0033	0.0666	0.0284	0.0785	0.0094	0.0297	0.2191	0.2840	0.6291	0.4825	P-710	
-0.0102	0.0037	0.0239	-0.0175	0.0023	0.0077	0.0575	-0.0026	[illegible]	0.0737	0.1805	0.4435	0.3970	P-711	
0.1664	0.0543	0.0826	0.0127	0.2049	0.0595	0.0775	0.0138	0.0127	0.3650	0.2079	0.3511	0.2701	P-712	
0.0035	0.0084	0.0240	-0.0400	0.0326	0.0165	0.0526	-0.0269	0.0374	0.1320	0.1235	0.2543	0.3038	P-713	
-0.1147	-0.0081	-0.0805	-0.0097	-0.1314	-0.0282	-0.0648	-0.0021	0.0091	0.4080	0.1255	-0.0120	-0.0609	P-714	
-0.1877	-0.0405	-0.1080	-0.0743	-0.1939	-0.0382	-0.0487	-0.0508	0.0461	0.0634	0.0190	0.0371	0.0245	P-715	
-0.1120	-0.0438	-0.0916	-0.0651	-0.1265	-0.0561	-0.0781	-0.0515	0.0085	0.0716	0.0909	0.0266	0.0328	P-716	
-0.1820	-0.0401	-0.0917	-0.0933	-0.1704	-0.0329	-0.0340	-0.0628	0.0589	-0.0065	-0.0511	0.0571	0.0337	P-717	
0.0963	0.0913	0.1147	0.0726	0.1394	0.0902	0.1323	0.0881	0.1344	0.0188	0.0988	0.1764	0.0605	R-601	STDNT ACTIV INVEN
0.0858	0.0459	0.0995	0.0513	0.1190	0.0475	0.1024	0.0644	0.0524	0.1002	0.1971	0.1738	0.2322	R-602	
-0.0038	0.0453	0.0505	0.0504	0.0590	0.0858	0.1027	0.0795	0.1779	0.0007	0.0293	0.0668	0.0695	R-603	
0.1157	0.0743	0.1136	0.0630	0.1712	0.0867	0.1214	0.0817	0.1193	0.1273	0.1494	0.1348	0.0739	R-604	
0.1408	0.0620	0.1061	0.0762	0.2048	0.0647	0.1071	0.0828	0.0877	0.1822	0.1762	0.1318	0.1294	R-605	
0.1277	0.0847	0.1303	0.0796	0.1757	0.0782	0.1311	0.0870	0.0763	0.1052	0.1300	0.1178	0.0949	R-606	
0.0821	0.0489	0.1056	0.0582	0.1437	0.0567	0.1192	0.0748	0.0684	0.1183	0.2306	0.2176	0.3083	R-607	
0.1094	0.0567	0.1080	0.0625	0.1991	0.0957	0.1479	0.0884	0.0972	0.1230	0.2004	0.2648	0.2361	R-608	
0.1256	0.0716	0.1192	0.0815	0.1676	0.0694	0.1001	0.0764	0.0628	0.1311	0.1303	0.1469	0.1244	R-609	
0.1877	0.0713	0.1290	0.0634	0.2441	0.0812	0.1354	0.0691	0.0966	0.2062	0.1869	0.1582	0.1502	R-610	
0.2925	0.0574	0.1647	0.0989	0.2989	0.0433	0.0647	0.0595	-0.0748	0.3251	0.2946	0.1996	0.2557	D-802	STUDENT INFO BLANK SCALES
0.3523	0.0796	0.1969	0.1308	0.3454	0.0882	0.0707	0.0802	-0.0997	0.3853	0.3207	0.2017	0.2691	F-803	
0.2569	0.0421	0.1548	0.0612	0.3435	0.0984	0.1439	0.0599	0.0294	0.2951	0.2454	0.1869	0.2490	P-820	
0.0768	0.0262	0.0588	0.0589	0.1085	0.0497	0.0533	0.0637	-0.0280	0.1163	0.1461	0.1468	0.1741	F-822	
0.1415	0.0481	0.0789	0.0624	0.1394	0.0365	0.0416	0.0481	-0.0267	0.1361	0.1584	0.1580	0.1682	F-823	
0.2615	0.0380	0.1261	0.0434	0.2676	0.0180	0.0515	0.0211	-0.0831	0.2849	0.2434	0.1630	0.2420	P-827	
0.1721	0.0511	0.1734	0.0503	0.1946	0.0524	0.1163	0.0345	-0.0270	0.1170	0.2028	0.2007	0.4081	P-828	
0.1708	0.0501	0.1519	0.0535	0.1813	0.0623	0.0979	0.0410	0.0567	0.1995	0.1937	0.1686	0.2860	P-829	
0.0644	0.0238	0.0936	0.0414	0.0767	0.0460	0.0801	0.0504	0.0622	0.1795	0.1976	0.1514	0.3493	F-830	
-0.0552	-0.0130	0.0110	-0.0148	0.0502	0.0509	0.0966	0.0432	0.0903	0.1023	0.1683	0.1800	0.1987	P-831	
-0.0231	0.0049	0.0335	0.0115	0.0647	0.0528	0.1061	0.0607	0.0768	0.1235	0.1901	0.2061	0.2420	F-832	
-0.0812	-0.0033	-0.0287	0.0390	-0.0535	0.0105	-0.0034	0.0586	0.0014	0.2006	0.1634	0.0627	0.0817	P-833	
-0.1240	-0.0082	-0.0443	0.0449	-0.0832	0.0138	0.0217	0.0841	0.0419	0.1652	0.1361	0.0397	0.0827	F-834	
0.0908	0.0841	0.1067	0.0933	0.1359	0.0762	0.1019	0.1030	0.0437	0.1670	0.2135	0.1800	0.1245	F-835	
0.0467	0.0228	0.0642	0.0450	0.1135	0.0623	0.0876	0.0624	0.0335	0.0721	0.1355	0.1389	0.1351	F-836	
-0.0169	0.0672	0.0601	0.0926	-0.0031	0.0851	0.0721	0.0934	0.0546	-0.0154	0.0393	0.0829	0.0113	F-837	
-0.0511	0.0124	-0.0292	0.0019	-0.0567	0.0030	-0.0008	0.0132	0.0428	-0.0383	-0.0406	-0.0080	-0.0883	F-838	

TABLE 6.3 (continued)

			P-705	P-706	P-707	P-708	P-709	P-710	P-711	P-712	P-713	P-714
INFORMATION TEST I	R-101	SCREENING	-0.0069	-0.0127	-0.0023	0.0307	-0.0182	0.0000	-0.0265	0.0121	-0.0484	-0.0633
	R-102	VOCABULARY I	-0.0006	0.1219	0.1260	-0.0408	-0.0525	-0.0156	-0.0891	-0.0163	-0.1587	-0.1203
	R-103	LITERATURE	0.0722	0.1729	0.1763	0.0095	-0.0812	0.0223	-0.0507	-0.0215	-0.1370	-0.2253
	R-104	MUSIC	0.0910	0.1917	0.3217	-0.0250	-0.1296	0.0241	-0.0341	-0.0125	-0.1055	-0.2031
	R-105	SOCIAL STUDIES	0.0452	0.1043	0.0838	0.0274	-0.0662	0.0227	-0.0525	0.0257	-0.1281	-0.1813
	R-106	MATHEMATICS	0.0514	0.1095	0.1086	0.0344	-0.0975	0.0270	-0.0742	0.1291	-0.1055	-0.1168
	R-107	PHYSICAL SCIENCES	0.0026	0.1256	0.1102	-0.0307	-0.0453	-0.0425	-0.1273	0.0208	-0.1499	-0.0518
	R-108	BIOLOGICAL SCIENCES	-0.0175	0.1302	0.0833	-0.0446	0.0789	-0.0558	-0.1101	-0.0683	-0.1437	-0.0257
	R-109	SCIENTIFIC ATTITUDE	-0.0001	0.0716	0.0630	-0.0065	-0.0252	0.0185	-0.0332	-0.0001	-0.1027	-0.0965
	R-110	AERONAUTICS AND SPACE	-0.0752	0.1395	0.0996	-0.0736	-0.0002	-0.0592	-0.1282	-0.0665	-0.1738	0.0164
	R-111	ELECTRICITY,ELECTRONICS	-0.1102	0.0835	0.0719	-0.1621	-0.0270	-0.1074	-0.1689	-0.0508	-0.1658	0.1560
	R-112	MECHANICS	-0.1605	0.0370	-0.0239	-0.1009	0.0872	-0.0791	-0.1209	-0.0853	-0.1529	0.2124
	R-113	FARMING	-0.0460	0.0096	-0.0162	-0.0108	0.1107	-0.0588	-0.0705	-0.0477	-0.0521	0.0557
	R-114	HOME ECONOMICS	0.0223	0.0995	0.0857	-0.0630	-0.0009	-0.0107	-0.0498	0.0040	-0.0455	0.0096
	R-115	SPORTS	0.0713	0.0314	0.0201	0.3594	0.0010	0.0850	0.0304	0.0914	-0.0760	-0.1520
INFORMATION TEST II	R-131	ART	0.0225	0.2195	0.1662	-0.0376	-0.0722	0.0132	-0.0444	-0.0440	-0.1304	-0.1580
	R-132	LAW	0.0073	0.0747	0.0845	-0.0034	-0.0581	0.0340	-0.0373	0.0010	-0.1169	-0.1261
	R-133	HEALTH	0.0163	0.0786	0.0675	-0.0063	-0.0258	0.0012	-0.0488	-0.0033	-0.1059	-0.1040
	R-134	ENGINEERING	-0.0318	0.0820	0.0323	-0.0213	0.0290	-0.0192	-0.0588	-0.0177	-0.0942	0.0428
	R-135	ARCHITECTURE	0.0360	0.1653	0.1170	-0.0228	-0.0517	0.0194	-0.0289	-0.0163	-0.0872	-0.0948
	R-136	JOURNALISM	0.0497	0.0808	0.0913	0.0176	-0.1001	0.0449	-0.0113	0.0297	-0.0841	-0.1561
	R-137	FOREIGN TRAVEL	0.0275	0.1252	0.1162	-0.0227	-0.0589	0.0032	-0.0580	-0.0426	-0.1410	-0.1623
	R-138	MILITARY	0.0187	0.0711	0.0694	0.0534	-0.0315	0.0373	-0.0286	0.0026	-0.1053	-0.1076
	R-139	ACCOUNTING,BUSINESS,SALES	0.0146	0.0687	0.0737	-0.0512	-0.0921	0.0829	0.0261	0.0730	-0.0699	-0.1225
	R-140	PRACTICAL KNOWLEDGE	0.0030	0.0596	0.0211	0.0183	-0.0246	0.0283	-0.0189	0.0293	-0.0654	-0.0763
	R-141	CLERICAL	0.0426	0.0339	0.0374	0.0171	-0.0514	0.0441	0.0074	0.0776	0.0438	-0.0853
	R-142	BIBLE	0.1298	0.1343	0.1758	0.0009	-0.0316	0.0227	-0.0489	-0.0085	-0.0572	-0.1409
	R-143	COLORS	0.0265	0.1333	0.1157	-0.0289	-0.0402	0.0090	-0.0040	0.0010	-0.0280	-0.0531
	R-144	ETIQUETTE	0.0221	0.0329	0.0346	0.0313	-0.0346	0.0185	-0.0015	0.0455	-0.0168	-0.0497
	R-145	HUNTING	-0.1309	-0.0280	-0.0918	0.0094	0.2976	-0.0866	-0.0811	-0.0961	-0.0773	0.1696
	R-146	FISHING	-0.0855	0.0104	-0.0454	0.0505	0.2835	-0.0602	-0.0655	-0.0760	-0.0957	0.0906
	R-147	OUTDOOR ACTIVITIES(OTHER)	-0.0315	0.0643	0.0383	0.0074	0.0550	-0.0235	-0.0622	-0.0328	-0.1176	-0.0238
	R-148	PHOTOGRAPHY	0.0051	0.0643	0.0767	-0.0099	-0.0156	0.0136	-0.0300	0.0149	-0.0652	-0.0367
	R-149	GAMES(SEDENTARY)	0.0089	0.0743	0.0886	0.0343	-0.0651	-0.0025	-0.0343	0.0422	-0.0707	-0.1205
	R-150	THEATER,BALLET	0.0631	0.1458	0.1673	0.0088	-0.1103	0.0406	-0.0211	-0.0064	-0.1048	-0.1942
	R-151	FOODS	0.0463	0.1001	0.1078	-0.0410	-0.0924	0.0565	0.0005	-0.0213	-0.1147	-0.1793
	R-152	MISCELLANEOUS	0.0376	0.1174	0.1141	-0.0063	-0.0696	0.0070	-0.0539	0.0130	-0.1112	-0.1308
	R-162	VOCABULARY II	0.0104	0.1173	0.1082	-0.0249	-0.0509	0.0188	-0.0509	0.0028	-0.1200	-0.1217
	R-211	MEMORY FOR SENTENCES	0.0151	0.0709	0.0427	0.0265	0.0125	-0.0073	-0.0371	0.0312	-0.0111	0.0072
	R-212	MEMORY FOR WORDS	0.0677	0.1016	0.1099	0.0239	-0.0514	0.0060	-0.0477	0.0231	-0.0492	-0.1281
	R-220	DISGUISED WORDS	0.0505	0.1058	0.1444	0.0296	-0.0729	0.0166	-0.0436	0.0123	-0.0613	-0.1467
ENGLISH TEST	R-231	SPELLING	0.0876	0.0472	0.0961	0.0457	-0.1112	0.0400	-0.0111	0.0727	0.0006	-0.1658
	R-232	CAPITALIZATION	0.0246	0.0482	0.0370	0.0154	-0.0501	0.0111	-0.0258	0.0558	-0.0249	-0.1054
	R-233	PUNCTUATION	0.0708	0.0930	0.1318	-0.0095	-0.1090	0.0249	-0.0435	0.0895	-0.0250	-0.1642
	R-234	USAGE	0.0650	0.1035	0.1274	-0.0176	-0.0829	0.0113	-0.0383	0.0220	-0.0588	-0.1330
	R-235	EFFECTIVE EXPRESSION	0.0381	0.0857	0.0882	0.0222	-0.0481	0.0140	-0.0370	-0.0027	-0.0770	-0.1203
	R-240	WORD FUNCTIONS IN SENTENCES	0.0861	0.1166	0.1497	0.0149	-0.0898	0.0388	-0.0325	0.0853	-0.0416	-0.1428
	R-250	READING COMPREHENSION	0.0463	0.1307	0.1303	0.0202	-0.0370	0.0295	-0.0553	0.0099	-0.1235	-0.1568
	R-260	CREATIVITY	-0.0279	0.1437	0.1065	-0.0467	0.0072	-0.0267	-0.0777	-0.0158	-0.1039	0.0063
	R-270	MECHANICAL REASONING	-0.1108	0.0973	0.0459	-0.0690	0.0620	-0.0783	-0.1259	-0.0288	-0.1223	0.1355
	R-281	VISUALIZATION IN 2-DIMENSIONS	-0.0776	0.0705	0.0154	0.0203	0.0339	-0.0475	-0.0770	0.0229	-0.0584	0.0570
	R-282	VISUALIZATION IN 3-DIMENSIONS	-0.0698	0.1847	0.0812	-0.0637	0.0240	-0.0529	-0.0935	0.0228	-0.0682	0.1104
	R-290	ABSTRACT REASONING	-0.0058	0.1272	0.0872	0.0083	-0.0235	-0.0048	-0.0639	0.0619	-0.0644	-0.0625
MATH TEST	R-311	ARITHMETIC REASONING	0.0141	0.0599	0.0488	0.0093	-0.0657	0.0372	-0.0393	0.1334	-0.0655	-0.0695
	R-312	INTRODUCTORY HIGH SCHOOL MATH	0.0502	0.0862	0.0873	0.0476	-0.0960	0.0321	-0.0611	0.1702	-0.0696	-0.1068
	R-333	ADVANCED MATH	0.0373	0.0901	0.0969	0.0421	-0.0949	0.0225	-0.0700	0.1434	-0.0769	-0.0951
	F-410	ARITHMETIC COMPUTATION	0.0313	-0.0175	-0.0089	0.0913	-0.0699	0.0506	-0.0102	0.1664	0.0035	-0.1147
	F-420	TABLE READING	-0.0087	-0.0084	-0.0252	0.0657	-0.0076	0.0282	0.0037	0.0543	0.0084	-0.0081
	F-430	CLERICAL CHECKING	0.0474	0.0292	0.0273	0.0904	-0.0515	0.0631	0.0239	0.0826	0.0240	-0.0805
	F-440	OBJECT INSPECTION	-0.0346	0.0839	0.0241	0.0383	0.0070	0.0033	-0.0175	0.0127	-0.0400	-0.0097
	A-410	ARITHMETIC COMPUTATION	0.0599	-0.0147	-0.0060	0.1370	-0.0687	0.0666	0.0023	0.2049	0.0326	-0.1314
	A-420	TABLE READING	-0.0042	-0.0080	-0.0184	0.0646	-0.0209	0.0284	0.0077	0.0595	0.0165	-0.0282
	A-430	CLERICAL CHECKING	0.0517	0.0088	0.0051	0.0816	-0.0314	0.0785	0.0575	0.0775	0.0526	-0.0648
	A-440	OBJECT INSPECTION	-0.0230	0.0798	0.0175	0.0470	0.0197	0.0094	-0.0026	0.0138	-0.0269	-0.0021
	A-500	PREFERENCES	-0.0029	-0.0195	-0.0367	0.0773	0.0400	0.0297	0.0364	0.0127	0.0374	0.0091
INTEREST INVENTORY	P-701	PHYSICAL SCIENCE,ENGRNG.,MATH	0.1649	0.3521	0.1867	0.2474	0.1578	0.2191	0.0737	0.3650	0.1320	0.4080
	P-702	BIOLOGICAL SCIENCE & MEDICINE	0.3903	0.4055	0.2976	0.2541	0.1760	0.2840	0.1805	0.2079	0.1235	0.1255
	P-703	PUBLIC SERVICE	0.4475	0.3214	0.2395	0.3024	0.0735	0.6291	0.4435	0.3511	0.2543	-0.0120
	P-704	LITERARY,LINGUISTICS	0.5727	0.6170	0.5562	0.2382	0.0533	0.4825	0.3970	0.2701	0.3038	-0.0609
	P-705	SOCIAL SERVICE		0.3579	0.3584	0.3133	0.0700	0.4698	0.4087	0.3688	0.4359	0.0405
	P-706	ARTISTIC	0.3579		0.5266	0.1844	0.1505	0.3391	0.2740	0.1848	0.2458	0.1823
	P-707	MUSICAL	0.3584	0.5266		0.0896	0.0113	0.1910	0.1613	0.0982	0.1976	0.0075
	P-708	SPORTS	0.3133	0.1844	0.0896		0.4077	0.3270	0.2512	0.2435	0.2010	0.2135
	P-709	HUNTING & FISHING	0.0700	0.1505	0.0113	0.4077		0.1167	0.0822	0.0045	0.0510	0.3386
	P-710	BUSINESS MANAGEMENT	0.4898	0.3391	0.1910	0.3270	0.1167		0.6885	0.5346	0.4700	0.1520
	P-711	SALES	0.4087	0.2740	0.1613	0.2512	0.0822	0.6885		0.4876	0.4979	0.1112
	P-712	COMPUTATION	0.3688	0.1848	0.0982	0.2435	0.0045	0.5346	0.4876		0.6582	0.1842
	P-713	OFFICE WORK	0.4359	0.2458	0.1976	0.2010	0.0510	0.4700	0.4979	0.6582		0.2617
	P-714	MECHANICAL,TECHNICAL	0.0405	0.1823	0.0075	0.2135	0.3386	0.1520	0.1112	0.1842	0.2617	
	P-715	SKILLED TRADES	0.2085	0.2007	0.0556	0.2570	0.3435	0.2431	0.2824	0.2073	0.4419	0.7217
	P-716	FARMING	0.1703	0.1363	0.0319	0.2927	0.5227	0.1222	0.1253	0.0475	0.1802	0.4320
	P-717	LABOR	0.1998	0.1172	0.0400	0.2255	0.2312	0.2792	0.2988	0.1934	0.4382	0.5435
STDNT ACTIV INVEN	R-601	SOCIABILITY	0.1566	0.0102	-0.0018	0.2429	0.0543	0.2307	0.1812	0.1024	0.0543	-0.0381
	R-602	SOCIAL SENSITIVITY	0.2375	0.1477	0.1594	0.0858	0.0026	0.1861	0.1102	0.0778	0.0399	-0.0718
	R-603	IMPULSIVENESS	-0.0098	0.0371	0.0275	0.0618	0.0524	0.0684	0.0465	-0.0229	-0.0267	-0.0096
	R-604	VIGOR	0.1172	0.0291	0.0059	0.2957	0.1388	0.1362	0.0614	0.0825	0.0058	0.0217
	R-605	CALMNESS	0.1223	0.0751	[illegible]	0.0884	0.0235	0.1353	0.0525	0.1039	0.0144	-0.0244
	R-606	TIDINESS	0.1284	0.0840	0.0539	0.0778	-0.0077	0.1600	0.0894	0.1447	0.0716	-0.0438
	R-607	CULTURE	0.2623	0.2485	0.2688	0.0725	-0.0169	0.1921	0.1228	0.0935	0.0574	-0.1175
	R-608	LEADERSHIP	0.2164	0.1070	0.1162	0.1602	0.0003	0.2391	0.1279	0.0998	0.0154	-0.1090
	R-609	SELF-CONFIDENCE	0.0967	0.0431	0.0568	0.0856	0.0106	0.1129	0.0434	0.0455	-0.0467	-0.0551
	R-610	MATURE PERSONALITY	0.1636	0.0668	0.0560	0.0681	0.0080	0.1537	0.0474	0.1391	0.0250	-0.0017
STUDENT INFO BLANK SCALES	D-802	HS CURRIC-ACAD VS OTHER	0.1313	0.1110	0.1223	0.0764	-0.0916	0.0990	0.0020	0.0954	-0.0871	-0.2066
	F-803	HS COURSES(ACAD ORIENT)	0.1118	0.1097	0.1246	0.0659	-0.1006	0.0794	-0.0190	0.1126	-0.1016	-0.1911
	P-820	HIGH SCHOOL GRADES	0.1457	0.0803	0.1234	0.0589	-0.0773	0.0827	-0.0129	0.1494	0.0240	-0.1264
	F-822	GUIDANCE RECD IN HS	0.1757	0.1066	0.1060	0.1116	0.0074	0.1326	0.0939	0.0928	0.0289	-0.0624
	F-823	GUIDANCE RECD ELSEWHERE	0.1707	0.1027	0.0911	0.1199	0.0199	0.1233	0.0817	0.0859	0.0049	-0.0559
	P-827	STUDY HABITS & ATTITUDES	0.2058	0.1157	0.1194	0.0291	-0.0931	0.1105	0.0199	0.1715	0.0322	-0.1375
	P-828	SELF-PERCEP OF WRTG SKILLS	0.1993	0.1829	0.2127	0.0258	-0.0952	0.1318	0.0661	0.0599	0.0273	-0.1926
	P-829	SELF-PERCEP OF RDNG SKILLS	0.0615	0.1109	0.1079	0.0234	-0.0218	0.0521	-0.0139	0.0066	-0.0649	-0.1184
	F-830	AMT OF EX-CURR RDNG	0.1106	0.1773	0.1838	0.0049	0.0048	0.0318	-0.0093	-0.0094	-0.0282	-0.0915
	P-831	VAR OF EX-CURR GRP ACT	0.2033	0.1306	0.1684	0.1074	0.0265	0.1751	0.1531	0.1256	0.1189	0.0176
	F-832	VAR PARTIC IN EX-CURR GRP ACT	0.2459	0.1568	0.2213	0.1115	0.0316	0.1918	0.1476	0.1283	0.1110	-0.0064
	P-833	VARIETY OF HOBBIES	0.1270	0.2208	0.1165	0.0835	0.1988	0.1053	0.1017	0.1044	0.1276	0.2959
	F-834	DEGREE OF ACT IN HOBBIES	0.1140	0.2423	0.1515	0.0439	0.2106	0.0785	0.0611	0.0471	0.0917	0.3149
	F-835	PARTICIPATION IN SPORTS	0.1420	0.0923	0.0161	0.5001	0.2220	0.1698	0.1104	0.0886	0.0051	0.0310
	F-836	LEADERSHIP ROLES	0.1637	0.0762	0.0801	0.1707	0.0056	0.1281	0.0790	0.0606	0.0187	-0.0778
	F-837	SOCIAL LIFE	-0.0188	0.0410	-0.0163	0.1334	0.0422	0.1308	0.1052	0.0178	-0.0137	0.0136
	F-838	WORK ACTIVITIES	-0.0002	-0.0446	-0.0679	0.0387	0.0955	0.0501	0.0543	0.0383	0.0522	0.1461

TABLE 6.3 (continued)

P-715	P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606	R-607	R-608	R-609	R-610		
-0.1104	-0.0422	-0.1136	0.1338	0.1172	0.0587	0.1302	0.1622	0.1249	0.1033	0.0749	0.1194	0.1435	INFORMATION TEST I	R-101
-0.2778	-0.1149	-0.2757	-0.0018	0.1320	0.0591	0.0910	0.1897	0.0666	0.1007	0.1201	0.1718	0.1749		R-102
-0.3180	-0.1548	-0.2961	0.0178	0.1591	0.0699	0.0896	0.1717	0.0562	0.1412	0.1371	0.1664	0.1604		R-103
-0.2859	-0.1793	-0.2799	0.0402	0.1663	0.0712	0.0764	0.1701	0.0815	0.1830	0.1564	0.1679	0.1467		R-104
-0.2878	-0.1142	-0.2747	-0.0067	0.1134	0.0337	0.0870	0.1649	0.0476	0.0829	0.1247	0.1408	0.1537		R-105
-0.3108	-0.1591	-0.3022	0.0043	0.1331	0.0229	0.1034	0.2107	0.0863	0.1158	0.1641	0.1771	0.2170		R-106
-0.2715	-0.1122	-0.2741	-0.0346	0.1139	0.0211	0.0829	0.1890	0.0436	0.0775	0.1141	0.1625	0.1773		R-107
-0.1649	0.0224	-0.1725	-0.0418	0.0759	0.0268	0.0698	0.1391	-0.0005	0.0542	0.0817	0.1216	0.1170		R-108
-0.1905	-0.0602	-0.1804	0.0121	0.0978	0.0300	0.0714	0.1428	0.0156	0.0441	0.1011	0.1284	0.1108		R-109
-0.1895	-0.0755	-0.1958	-0.0681	0.0765	0.0525	0.0366	0.1400	0.0063	0.0390	0.0451	0.1309	0.1043		R-110
-0.1291	-0.0680	-0.1735	-0.0879	0.0596	0.0194	0.0122	0.1458	0.0166	0.0295	0.0354	0.1269	0.1390		R-111
0.0023	0.0834	-0.0372	-0.0177	0.0176	0.0484	0.0516	0.1220	0.0063	-0.0090	-0.0002	0.1100	0.0975		R-112
-0.0051	0.1954	-0.0026	0.0009	0.0270	0.0304	0.0844	0.1053	0.0037	0.0355	0.0328	0.0776	0.0854		R-113
-0.0724	0.0007	-0.1096	0.0237	0.0798	0.0413	0.0702	0.1400	0.0649	0.0972	0.0778	0.1327	0.1319		R-114
-0.1960	-0.0888	-0.1831	0.1500	0.0972	0.0755	0.2007	0.1498	0.0703	0.0802	0.1712	0.1467	0.1051		R-115
-0.2470	-0.1524	-0.2578	0.0193	0.1311	0.0721	0.0508	0.1418	0.0598	0.1230	0.0929	0.1403	0.1217	INFORMATION TEST II	R-131
-0.2371	-0.1118	-0.2147	0.0024	0.1001	0.0636	0.0630	0.1426	0.0267	0.0649	0.0975	0.1386	0.1346		R-132
-0.2083	-0.0802	-0.2128	0.0442	0.1226	0.0372	0.1030	0.1548	0.0799	0.0868	0.1051	0.1292	0.1525		R-133
-0.0885	0.0167	-0.1100	0.0146	0.0724	0.0404	0.0829	0.1344	0.0453	0.0535	0.0560	0.1122	0.1194		R-134
-0.1633	-0.0809	-0.1788	-0.0092	0.0929	0.0578	0.0597	0.1411	0.0546	0.1174	0.1019	0.1126	0.1207		R-135
-0.2332	-0.1391	-0.2259	0.0471	0.1254	0.0473	0.0863	0.1481	0.0832	0.0908	0.1152	0.1397	0.1388		R-136
-0.2454	-0.1224	-0.2370	-0.0130	0.1015	0.0518	0.0418	0.1[illegible]04	0.0398	0.0763	0.0919	0.1140	0.1066		R-137
-0.1889	-0.0926	-0.1798	0.0221	0.0800	0.0752	0.0650	0.[illegible]224	0.0343	0.0632	0.1093	0.1346	0.0986		R-138
-0.2032	-0.1146	-0.2054	0.0320	0.1085	0.0844	0.0599	0.1542	0.0493	0.0815	0.1130	0.1423	0.1458		R-139
-0.1600	-0.0849	-0.1662	0.0972	0.1140	0.0596	0.1094	0.1577	0.1040	0.0811	0.0939	0.1373	0.1336		R-140
-0.1375	-0.0608	-0.1219	0.1010	0.1133	0.0874	0.1108	0.1644	0.0972	0.1158	0.1256	0.1325	0.1480		R-141
-0.1948	-0.0615	-0.1705	0.0259	0.1438	0.0611	0.0834	0.1470	0.0403	0.1433	0.1404	0.1475	0.1547		R-142
-0.0893	-0.0587	-0.0946	0.0229	0.0563	0.0447	0.0321	0.0674	0.0455	0.0918	0.0612	0.0815	0.0731		R-143
-0.0900	-0.0313	-0.0798	0.0409	0.0586	0.0247	0.0630	0.1064	0.0586	0.0692	0.0837	0.0843	0.0829		R-144
0.1053	0.2353	0.0975	-0.0292	-0.0318	0.0339	0.0506	0.0250	-0.0598	-0.0556	-0.0350	0.0317	-0.0101		R-145
0.0096	0.1348	-0.0009	0.0234	0.0214	0.0604	0.0974	0.0999	-0.0022	0.0009	0.0184	0.0746	0.0587		R-146
-0.1352	-0.0043	-0.1346	0.0545	0.0849	0.0678	0.1143	0.1663	0.0473	0.0686	0.0913	0.1435	0.1211		R-147
-0.1275	-0.0600	-0.1371	0.0395	0.0885	0.0607	0.0694	0.1336	0.0637	0.0817	0.0758	0.1172	0.1287		R-148
-0.2007	-0.1263	-0.1943	0.0465	0.0806	0.0485	0.0748	0.1159	0.0259	0.0703	0.0852	0.1215	0.0906		R-149
-0.2642	-0.1654	-0.2506	0.0556	0.1459	0.0885	0.0686	0.1529	0.0751	0.1299	0.1335	0.1669	0.1456		R-150
-0.2198	-0.1621	-0.2390	0.0764	0.1138	0.0904	0.0569	0.1062	0.0713	0.1178	0.1233	0.1212	0.1067		R-151
-0.2474	-0.1503	-0.2450	0.0287	0.1275	0.0679	0.0782	0.1582	0.0600	0.1026	0.1215	0.1524	0.1497		R-152
-0.2465	-0.1115	-0.2401	0.0283	0.1286	0.0558	0.0879	0.1593	0.0714	0.0829	0.1038	0.1469	0.1478		R-162
-0.0493	-0.0090	-0.0526	0.0056	0.0192	-0.0090	0.0208	0.0582	0.0203	0.0345	0.0357	0.0684	0.0436	ENGLISH TEST	R-211
-0.1858	-0.0893	-0.1643	0.0175	0.0800	-0.0104	0.0637	0.0986	0.0435	0.0801	0.0983	0.1006	0.1080		R-212
-0.2168	-0.1434	-0.2047	0.0938	0.1717	0.0912	0.1251	0.1519	0.1220	0.1256	0.1496	0.1643	0.1759		R-220
-0.2023	-0.1359	-0.1800	0.0489	*0.1227*	*0.0116*	*0.0890*	*0.1174*	*0.1261*	*0.1170*	*0.1196*	*0.1092*	*0.1693*		R-231
-0.1555	-0.0699	-0.1415	0.0371	0.0728	-0.0067	0.0557	0.1026	0.0717	0.0722	0.0613	0.0879	0.1059		R-232
-0.2616	-0.1251	-0.2341	0.0142	0.1300	-0.0057	0.0717	0.1593	0.0952	0.1193	0.1307	0.1503	0.1887		R-233
-0.2130	-0.1041	-0.2024	0.0131	0.1270	0.0014	0.0648	0.1406	0.0714	0.1007	0.1066	0.1350	0.1506		R-234
-0.1946	-0.0737	-0.1812	0.0237	0.1039	-0.0073	0.0693	0.1228	0.0536	0.0600	0.0833	0.1174	0.1098		R-235
-0.2419	-0.1164	-0.2113	0.0126	0.1316	-0.0102	0.0714	0.1548	0.0811	0.1220	0.1397	0.1462	0.1914		R-240
-0.2877	-0.1037	-0.2664	0.0256	0.1534	0.0413	0.1072	0.1817	0.0695	0.0927	0.1249	0.1766	0.1680		R-250
-0.1520	-0.0436	-0.1646	0.0182	0.1131	0.0472	0.0847	0.1738	0.0545	0.0810	0.0917	0.1550	0.1530		R-260
-0.0674	0.0353	-0.0923	-0.0325	0.0382	0.0276	0.0387	0.1317	-0.0083	-0.0060	0.0242	0.1060	0.0804		R-270
-0.0561	-0.0079	-0.0729	0.0202	0.0147	0.0313	0.0559	0.1060	0.0341	0.0211	0.0435	0.0950	0.0771	MATH TEST	R-281
-0.0448	0.0112	-0.0890	-0.0515	0.0086	-0.0091	0.0062	0.0984	-0.0016	0.0103	0.0206	0.0748	0.0735		R-282
-0.1782	-0.0729	-0.1846	-0.0002	0.0712	-0.0213	0.0459	0.1206	0.0439	0.0445	0.0675	0.0967	0.0986		R-290
-0.2093	-0.0802	-0.2056	0.0050	0.0906	0.0189	0.0785	0.1662	0.0490	0.0461	0.1203	0.1343	0.1817		R-311
-0.2790	-0.1439	-0.2654	0.0071	0.1094	-0.000[illegible]	0.0912	0.1938	0.0772	0.0921	0.1541	0.1653	0.2117		R-312
-0.2584	-0.1446	-0.2570	-0.0048	0.1117	0.00[illegible]	0.0836	0.1882	0.0678	0.0937	0.1538	0.1470	0.2057		R-333
-0.1877	-0.1120	-0.1920	0.0963	0.0858	-0.0038	0.1157	0.1408	0.1277	0.0821	0.1094	0.1256	0.1877		F-410
-0.0405	-0.0433	-0.0401	0.0913	0.0459	0.0453	0.0743	0.0620	0.0847	0.0489	0.0567	0.0716	0.0713		F-420
-0.1080	-0.0916	-0.0917	0.1147	0.0995	0.0505	0.1136	0.1061	0.1303	0.1056	0.1080	0.1192	0.1290		F-430
-0.0743	-0.0651	-0.0933	0.0726	0.0513	0.0504	0.0630	0.0762	0.0796	0.0582	0.0625	0.0815	0.0634		F-440
-0.1939	-0.1285	-0.1704	0.1394	0.1190	0.0590	0.1712	0.2048	0.1757	0.1437	0.1991	0.1676	0.2441		A-410
-0.0382	-0.0561	-0.0329	0.0902	0.0475	0.0859	0.0867	0.0647	0.0782	0.0567	0.0957	0.0694	0.0812		A-420
-0.0487	-0.0781	-0.0340	0.1323	0.1024	0.1027	0.1214	0.1071	0.1311	0.1192	0.1479	0.1001	0.1354		A-430
-0.0508	-0.0515	-0.0628	0.0881	0.0644	0.0795	0.0817	0.0828	0.0870	0.0748	0.0884	0.0764	0.0691		A-440
0.0461	0.0085	0.0589	0.1344	0.0524	0.1779	0.1193	0.0877	0.0763	0.0684	0.0972	0.0628	0.0966		A-500
0.0634	0.0716	-0.0065	0.0188	0.1002	0.0007	0.1273	0.1822	0.1052	0.1183	0.1230	0.1311	0.2062	INTEREST INVENTORY	P-701
0.0190	0.0909	-0.0511	0.0988	0.1971	0.0293	0.1494	0.1762	0.1300	0.2306	0.2004	0.1303	0.1869		P-702
0.0371	0.0266	0.0571	0.1764	0.1738	0.0668	0.1349	0.1318	0.1178	0.2176	0.2648	0.1469	0.1582		P-703
0.0245	0.0328	0.0337	0.0605	0.2322	0.0695	0.0739	0.1294	0.0949	0.3083	0.2361	0.1244	0.1502		P-704
0.2085	0.1703	0.1998	0.1566	0.2375	-0.0098	0.1172	0.1223	0.1284	0.2623	0.2164	0.0967	0.1636		P-705
0.2007	0.1363	0.1172	0.0102	0.1477	0.0371	0.0291	0.0751	0.0840	0.2485	0.1070	0.0431	0.0668		P-706
0.0556	0.0319	0.0400	-0.0018	0.1594	0.0275	0.0059	0.0669	0.0539	0.2688	0.1162	0.0568	0.0560		P-707
0.2570	0.2927	0.2255	0.2429	0.0858	0.0618	0.2957	0.0884	0.0778	0.0725	0.1602	0.0856	0.0681		P-708
0.3435	0.5227	0.2812	0.0543	0.0026	0.0524	0.1388	0.0235	-0.0077	-0.0169	0.0003	0.0106	0.0080		P-709
0.2431	0.1222	0.2792	0.2307	0.1861	0.0684	0.1362	0.1353	0.1600	0.1921	0.2391	0.1129	0.1537		P-710
0.2824	0.1253	0.2988	0.1812	0.1102	0.0465	0.0614	0.0525	0.0894	0.1228	0.1279	0.0434	0.0474		P-711
0.2073	0.0475	0.1934	0.1024	0.0778	-0.0229	0.0825	0.1039	0.1447	0.0935	0.0998	0.0455	0.1391		P-712
0.4419	0.1802	0.4382	0.0543	0.0399	-0.0267	0.0058	0.0144	0.0716	0.0574	0.0154	-0.0467	0.0250		P-713
0.7217	0.4320	0.5435	-0.0381	-0.0718	-0.0096	0.0217	-0.0244	-0.0438	-0.1175	-0.1090	-0.0551	-0.0017		P-714
	0.5569	0.7913	-0.0552	-0.1072	-0.0073	-0.0202	-0.0938	-0.0979	-0.1401	-0.1125	-0.1277	-0.0950		P-715
0.5569		0.4813	-0.0520	-0.0499	-0.0135	0.0818	-0.0210	-0.0652	-0.0574	-0.0394	-0.0692	-0.0229		P-716
0.7913	0.4813		-0.0386	-0.1058	0.0246	-0.0358	-0.1056	-0.1227	-0.1512	-0.1044	-0.1234	-0.1173		P-717
-0.0552	-0.0520	-0.0386		0.4758	0.2272	0.4879	0.4029	0.3595	0.3870	0.3855	0.3657	0.3657	STDNT ACTIV INVEN	R-601
-0.1072	-0.0499	-0.1058	0.4758		0.1743	0.4001	0.5429	0.4575	0.5558	0.4151	0.2823	0.5281		R-602
-0.0073	-0.0135	0.0246	0.2272	0.1743		0.2177	0.1090	0.0484	0.1398	0.2189	0.1098	0.1457		R-603
-0.0202	0.0818	-0.0358	0.4879	0.4001	0.2177		0.4241	0.4046	0.3962	0.4138	0.3183	0.5326		R-604
-0.0938	-0.0210	-0.1056	0.4029	0.5429	0.1090	0.4241		0.4765	0.4755	0.3899	0.4407	0.5822		R-605
-0.0979	-0.0652	-0.1227	0.3595	0.4575	0.0484	0.4046	0.4765		0.5447	0.3176	0.2717	0.5900		R-606
-0.1401	-0.0574	-0.1512	0.3870	0.5558	0.1398	0.3962	0.4755	0.5447		0.4151	0.2985	0.5307		R-607
-0.1125	-0.0394	-0.1044	0.3855	0.4151	0.2189	0.4138	0.3899	0.3176	0.4151		0.3474	0.4858		R-608
-0.1277	-0.0692	-0.1234	0.3657	0.2823	0.1098	0.3183	0.4407	0.2717	0.2985	0.3474		0.4141		R-609
-0.0950	-0.0229	-0.1173	0.3657	0.5281	0.1457	0.5326	0.5822	0.5900	0.5307	0.4858	0.4141			R-610
-0.3199	-0.1675	-0.2935	0.0855	0.1689	0.0227	0.1411	0.1896	0.1283	0.1828	0.2013	0.1642	0.1943	STUDENT INFO BLANK SCALES	D-802
-0.3259	-0.1753	-0.3167	0.0713	0.1730	0.0254	0.1335	0.2034	0.1251	0.1628	0.1975	0.1911	0.2175		F-803
-0.1989	-0.1082	-0.2008	0.0691	0.1770	0.0068	0.1718	0.2281	0.1921	0.2235	0.2914	0.1864	0.3580		P-820
-0.0850	-0.0383	-0.0826	0.1649	0.1547	0.0318	0.1479	0.1160	0.1370	0.1796	0.1972	0.1332	0.1497		F-822
-0.0983	-0.0261	-0.1032	0.1982	0.1797	0.0370	0.1722	0.1631	0.1361	0.1781	0.2010	0.1743	0.1951		F-823
-0.2254	-0.1110	-0.2410	0.0694	0.2191	-0.1256	0.1845	0.3035	0.3356	0.3019	0.2372	0.2814	0.4533		P-827
-0.1979	-0.1359	-0.1849	0.0957	0.2255	0.0189	0.1460	0.2049	0.2043	0.2828	0.2467	0.2515	0.2688		P-828
-0.1992	-0.0939	-0.1807	0.0657	0.1633	0.0795	0.1616	0.2221	0.1298	0.1879	0.1982	0.2917	0.2606		P-829
-0.1387	-0.0444	-0.1146	-0.0089	0.1414	0.1003	0.0952	0.1408	0.0554	0.2009	0.1313	0.1529	0.1631		F-830
0.0264	0.0382	0.0291	0.1889	0.1799	0.0672	0.1569	0.1424	0.1369	0.2436	0.2568	0.1280	0.1770		P-831
-0.0089	0.0365	-0.0071	0.2343	0.2392	0.0826	0.2144	0.1941	0.1915	0.3133	0.3355	0.1965	0.2548		F-832
0.2331	0.2454	0.1651	0.0494	0.0708	-0.0105	0.0962	0.0838	0.0770	0.1294	0.0848	0.0652	0.1014		P-833
0.2382	0.2514	0.1622	0.0741	0.1313	0.0507	0.1398	0.1183	0.1305	0.2004	0.1287	0.0929	0.1849		F-834
0.0095	0.1001	-0.0088	0.2785	0.1510	0.0898	0.3684	0.1589	0.1491	0.1505	0.2327	0.1838	0.1686		F-835
-0.0706	-0.0041	-0.0612	0.1833	0.1514	0.0365	0.1994	0.1493	0.1060	0.1784	0.3448	0.1586	0.1623		F-836
0.0067	-0.0626	0.0189	0.2677	0.0869	0.1248	0.1298	0.0388	0.0490	0.0451	0.1440	0.1259	0.0161		F-837
0.1478	0.1009	0.1347	0.1026	0.0239	0.0540	0.1029	0.0269	0.0549	0.0069	0.0444	0.0427	0.0911		F-838

TABLE 6.3 (continued)

			D-802	F-803	P-820	F-822	F-823	P-827	P-828	P-829	F-830	P-831
INFORMATION TEST I	R-101	SCREENING	0.1609	0.1898	0.1254	0.0383	0.0853	0.1048	0.0922	**0.1597**	0.0774	-0.0199
	R-102	VOCABULARY I	0.4598	0.5616	0.3199	0.1225	0.1849	0.2975	0.2822	**0.3643**	0.2459	-0.0468
	R-103	LITERATURE	0.4727	0.5691	0.3451	0.1272	0.1790	0.2965	0.3206	**0.3959**	0.3175	-0.0114
	R-104	MUSIC	0.4090	0.4873	0.2743	0.1564	0.1874	0.2540	0.3122	**0.3142**	0.2514	0.0315
	R-105	SOCIAL STUDIES	0.4323	0.5318	0.3391	0.1165	0.1801	0.2903	0.2535	**0.3605**	0.2437	-0.0593
	R-106	MATHEMATICS	0.6216	0.7292	0.4332	0.1667	0.2146	0.3932	0.2858	**0.3028**	0.1938	0.0130
	R-107	PHYSICAL SCIENCES	0.5065	0.6136	0.3701	0.1178	0.1665	0.3253	0.2432	**0.3288**	0.2407	-0.0079
	R-108	BIOLOGICAL SCIENCES	0.3136	0.3803	0.2391	0.0782	0.1326	0.1951	0.1648	**0.2810**	0.2106	-0.0164
	R-109	SCIENTIFIC ATTITUDE	0.3185	0.3824	0.2254	0.0539	0.1506	0.1820	0.1849	**0.2638**	0.1673	-0.0516
	R-110	AERONAUTICS AND SPACE	0.3186	0.3918	0.1937	0.0779	0.0996	0.1859	0.1530	**0.2991**	0.2442	-0.0362
	R-111	ELECTRICITY,ELECTRONICS	0.2910	0.3772	0.2044	0.0617	0.0889	0.1939	0.1099	**0.2356**	0.1663	-0.0316
	R-112	MECHANICS	0.1344	0.1643	0.0500	0.0190	0.0797	0.0479	0.0288	**0.1599**	0.0803	-0.0547
	R-113	FARMING	0.0855	0.0838	0.1252	-0.0121	0.0504	0.0826	0.0601	**0.1657**	0.1069	0.0054
	R-114	HOME ECONOMICS	0.1967	0.2450	0.1500	0.0906	0.1238	0.1571	0.1245	**0.1862**	0.1158	-0.0005
	R-115	SPORTS	0.3588	0.4005	0.2244	0.1446	0.1859	0.1865	0.1819	**0.2383**	0.1385	-0.0094
INFORMATION TEST II	R-131	ART	0.3501	0.4397	0.2393	0.1148	0.1560	0.2112	0.2624	**0.3311**	0.2512	-0.0219
	R-132	LAW	0.3415	0.4075	0.2522	0.0771	0.1455	0.2099	0.2199	**0.3201**	0.2246	-0.0342
	R-133	HEALTH	0.3081	0.3754	0.2280	0.0896	0.1434	0.2075	0.2027	**0.2660**	0.1598	-0.0254
	R-134	ENGINEERING	0.2217	0.2600	0.1438	0.0504	0.1037	0.1394	0.0998	**0.2070**	0.1254	-0.0240
	R-135	ARCHITECTURE	0.2794	0.3406	0.2275	0.0961	0.1182	0.1993	0.2076	**0.2670**	0.2061	-0.0071
	R-136	JOURNALISM	0.3476	0.4074	0.2282	0.1150	0.1564	0.2287	0.2403	**0.2875**	0.1798	-0.0217
	R-137	FOREIGN TRAVEL	0.3468	0.4341	0.2515	0.1075	0.1385	0.2141	0.2406	**0.3132**	0.2354	-0.0380
	R-138	MILITARY	0.2902	0.3380	0.1866	0.1043	0.1418	0.1598	0.1798	**0.2786**	0.2331	0.0122
	R-139	ACCOUNTING,BUSINESS,SALES	0.2884	0.3714	0.2398	0.0836	0.1464	0.2008	0.2168	**0.3010**	0.1808	-0.0145
	R-140	PRACTICAL KNOWLEDGE	0.2415	0.2771	0.1406	0.0754	0.1425	0.1500	0.1305	**0.2106**	0.1168	-0.0514
	R-141	CLERICAL	0.1863	0.1983	0.1783	0.0643	0.1093	0.1499	0.1484	**0.2165**	0.1442	0.0270
	R-142	BIBLE	0.3197	0.3741	0.3098	0.0610	0.1386	0.2145	0.2580	**0.3407**	0.2635	0.0325
	R-143	COLORS	0.1622	0.1925	0.1268	0.0778	0.0937	0.0966	0.1579	**0.1409**	0.1071	0.0137
	R-144	ETIQUETTE	0.1695	0.2120	0.1350	0.0604	0.0949	0.1146	0.0950	**0.1002**	0.0669	0.0075
	R-145	HUNTING	-0.0596	-0.0859	-0.0365	-0.0314	-0.0030	-0.0814	-0.0702	**0.0470**	0.0441	-0.0072
	R-146	FISHING	0.0572	0.0586	0.0565	0.0227	0.0630	0.0171	0.0122	**0.1380**	0.1075	-0.0131
	R-147	OUTDOOR ACTIVITIES(OTHER)	0.2805	0.3316	0.1670	0.0832	0.1306	0.1591	0.1143	**0.2270**	0.1574	0.0084
	R-148	PHOTOGRAPHY	0.2159	0.2747	0.1529	0.0599	0.1153	0.1501	0.1411	**0.2074**	0.1433	-0.0014
	R-149	GAMES(SEDENTARY)	0.2843	0.3645	0.1982	0.0847	0.1202	0.1573	0.1584	**0.2040**	0.1673	0.0056
	R-150	THEATER,BALLET	0.3706	0.4475	0.2545	0.1294	0.1717	0.2351	0.2843	**0.3367**	0.2434	-0.0154
	R-151	FOODS	0.2957	0.3612	0.1655	0.1504	0.1495	0.1695	0.2184	**0.2048**	0.1366	0.0322
	R-152	MISCELLANEOUS	0.3792	0.4708	0.2814	0.1175	0.1664	0.2268	0.2547	**0.3192**	0.2485	0.0017
	R-162	VOCABULARY II	0.3742	0.4618	0.2470	0.1164	0.1814	0.2328	0.2610	**0.3203**	0.2033	-0.0442
	R-211	MEMORY FOR SENTENCES	0.1105	0.1335	0.1394	0.0193	0.0516	0.1064	0.0838	**0.1194**	0.0430	-0.0164
	R-212	MEMORY FOR WORDS	0.2939	0.3450	0.2869	0.0713	0.1266	0.2051	0.2269	**0.2026**	0.1195	-0.0037
	R-220	DISGUISED WORDS	0.3239	0.4064	0.2758	0.1193	0.1554	0.2073	0.3525	**0.3170**	0.2117	-0.0038
ENGLISH TEST	R-231	SPELLING	0.3160	0.3900	0.3322	0.0903	0.1193	0.2694	0.3517	**0.2719**	0.1521	-0.0047
	R-232	CAPITALIZATION	0.2232	0.2618	0.1723	0.0568	0.1189	0.1764	0.1613	**0.1392**	0.0779	-0.0414
	R-233	PUNCTUATION	0.4223	0.5092	0.3840	0.1165	0.1758	0.3447	0.3370	**0.2665**	0.1524	-0.0069
	R-234	USAGE	0.3488	0.4216	0.3079	0.0927	0.1535	0.2767	0.2965	**0.2495**	0.1679	-0.0139
	R-235	EFFECTIVE EXPRESSION	0.3047	0.3658	0.2134	0.0736	0.1483	0.2265	0.2360	**0.2248**	0.1241	-0.0498
	R-240	WORD FUNCTIONS IN SENTENCES	0.4312	0.5161	0.4034	0.1165	0.1721	0.3413	0.3348	**0.2628**	0.1510	0.0191
	R-250	READING COMPREHENSION	0.4619	0.5412	0.3161	0.1153	0.2017	0.3023	0.3039	**0.4042**	0.2663	-0.0614
	R-260	CREATIVITY	0.3144	0.3855	0.2222	0.0953	0.1546	0.2085	0.2105	**0.3047**	0.2037	-0.0093
	R-270	MECHANICAL REASONING	0.2377	0.3040	0.1326	0.0580	0.1064	0.1109	0.0613	**0.1454**	0.0950	-0.0338
	R-281	VISUALIZATION IN 2-DIMENSIONS	0.1493	0.1895	0.1052	0.0456	0.0735	0.0664	0.0372	**0.0732**	0.0466	-0.0264
	R-282	VISUALIZATION IN 3-DIMENSIONS	0.2247	0.2844	0.1388	0.0644	0.0981	0.1345	0.0541	**0.1086**	0.0841	-0.0231
	R-290	ABSTRACT REASONING	0.3441	0.4222	0.2174	0.0989	0.1601	0.2027	0.1597	**0.1689**	0.1057	-0.0358
MATH TEST	R-311	ARITHMETIC REASONING	0.4107	0.5205	0.3287	0.1014	0.1862	[illegible]810	0.2241	**0.2626**	0.1416	-0.0344
	R-312	INTRODUCTORY HIGH SCHOOL MATH	0.5693	0.6799	0.4350	0.1538	0.2051	[illegible]	0.2619	**0.2729**	0.1653	0.0088
	R-333	ADVANCED MATH	0.5161	0.6338	0.4252	0.1418	0.1815	0.363[illegible]	[illegible]03	**0.2515**	0.1675	0.0391
	F-410	ARITHMETIC COMPUTATION	0.2925	0.3523	0.2569	0.0768	0.1415	0.2615	0.1721	**0.1708**	0.0644	-0.0552
	F-420	TABLE READING	0.0574	0.0796	0.0421	0.0262	0.0481	0.0380	0.0511	**0.0501**	0.0238	-0.0130
	F-430	CLERICAL CHECKING	0.1647	0.1969	0.1548	0.0588	0.0789	0.1261	0.1734	**0.1519**	0.0936	0.0110
	F-440	OBJECT INSPECTION	0.0989	0.1308	0.0612	0.0589	0.0624	0.0434	0.0503	**0.0535**	0.0414	-0.0148
	A-410	ARITHMETIC COMPUTATION	0.2989	0.3454	0.3435	0.1085	0.1394	0.2676	0.1946	**0.1813**	0.0767	0.0502
	A-420	TABLE READING	0.0433	0.0882	0.0984	0.0497	0.0365	0.0180	0.0524	**0.0623**	0.0460	0.0509
	A-430	CLERICAL CHECKING	0.0647	0.0707	0.1439	0.0533	0.0416	0.0515	0.1163	**0.0979**	0.0801	0.0966
	A-440	OBJECT INSPECTION	0.0595	0.0802	0.0599	0.0637	0.0481	0.0211	0.0345	**0.0410**	0.0504	0.0432
	A-500	PREFERENCES	-0.0748	-0.0997	0.0294	-0.0280	-0.0267	-0.0831	-0.0270	**0.0567**	0.0622	0.0903
INTEREST INVENTORY	P-701	PHYSICAL SCIENCE,ENGRNG.,MATH	0.3251	0.3853	0.2951	0.1163	0.1361	0.2849	0.1170	**0.1995**	0.1795	0.1023
	P-702	BIOLOGICAL SCIENCE & MEDICINE	0.2946	0.3207	0.2454	0.1461	0.1584	0.2434	0.2028	**0.1937**	0.1976	0.1683
	P-703	PUBLIC SERVICE	0.1996	0.2017	0.1869	0.1468	0.1580	0.1630	0.2007	**0.1686**	0.1514	0.1800
	P-704	LITERARY,LINGUISTICS	0.2557	0.2691	0.2490	0.1741	0.1682	0.2420	0.4081	**0.2860**	0.3493	0.1987
	P-705	SOCIAL SERVICE	0.1313	0.1118	0.1457	0.1757	0.1707	0.2058	0.1993	**0.0615**	0.1100	0.2033
	P-706	ARTISTIC	0.1110	0.1097	0.0803	0.1066	0.1027	0.1157	0.1829	**0.1109**	0.1773	0.1306
	P-707	MUSICAL	0.1223	0.1246	0.1234	0.1060	0.0911	0.1194	0.2127	**0.1079**	0.1838	0.1684
	P-708	SPORTS	0.0764	0.0659	0.0589	0.1116	0.1199	0.0291	0.0258	**0.0234**	0.0049	0.1074
	P-709	HUNTING & FISHING	-0.0916	-0.1006	-0.0773	0.0074	0.0199	-0.0931	-0.0952	**-0.0218**	0.0048	0.0265
	P-710	BUSINESS MANAGEMENT	0.0990	0.0794	0.0827	0.1326	0.1233	0.1105	0.1318	**0.0521**	0.0318	0.1751
	P-711	SALES	0.0020	-0.0190	-0.0129	0.0939	0.0817	0.0199	0.0661	**-0.0139**	-0.0093	0.1531
	P-712	COMPUTATION	0.0954	0.1126	0.1494	0.0928	0.0859	0.1715	0.0599	**0.0066**	-0.0094	0.1256
	P-713	OFFICE WORK	-0.0871	-0.1016	0.0240	0.0289	0.0049	0.0322	0.0273	**-0.0649**	-0.0282	0.1189
	P-714	MECHANICAL,TECHNICAL	-0.2066	-0.1911	-0.1264	-0.0624	-0.0559	-0.1375	-0.1926	**-0.1184**	-0.0915	0.0176
	P-715	SKILLED TRADES	-0.3199	-0.3259	-0.1989	-0.0850	-0.0983	-0.2254	-0.1979	**-0.1992**	-0.1387	0.0264
	P-716	FARMING	-0.1675	-0.1753	-0.1082	-0.0383	-0.0261	-0.1110	-0.1359	**-0.0939**	-0.0444	0.0382
	P-717	LABOR	-0.2935	-0.3167	-0.2008	-0.0826	-0.1032	-0.2410	-0.1849	**-0.1807**	-0.1146	0.0291
STDNT ACTIV INVEN	R-601	SOCIABILITY	0.0855	0.0713	0.0691	0.1649	0.1982	0.0694	0.0957	**0.0657**	-0.0089	0.1889
	R-602	SOCIAL SENSITIVITY	0.1689	0.1730	0.1770	0.1547	0.1797	0.2191	0.2255	**0.1633**	0.1414	0.1799
	R-603	IMPULSIVENESS	0.0227	0.0254	0.0068	0.0318	0.0370	-0.1256	0.0189	**0.0795**	0.1003	0.0672
	R-604	VIGOR	0.1411	0.1335	0.1718	0.1479	0.1722	0.1845	0.1460	**0.1616**	0.0952	0.1569
	R-605	CALMNESS	0.1896	0.2034	0.2281	0.1160	0.1631	0.3035	0.2049	**0.2221**	0.1408	0.1424
	R-606	TIDINESS	0.1283	0.1251	0.1921	0.1370	0.1361	0.3356	0.2043	**0.1298**	0.0554	0.1369
	R-607	CULTURE	0.1828	0.1628	0.2235	0.1796	0.1781	0.3019	0.2828	**0.1879**	0.2009	0.2436
	R-608	LEADERSHIP	0.2013	0.1975	0.2914	0.1972	0.2010	0.2372	0.2467	**0.1982**	0.1313	0.2568
	R-609	SELF-CONFIDENCE	0.1642	0.1911	0.1864	0.1332	0.1743	0.2814	0.2515	**0.2917**	0.1529	0.1280
	R-610	MATURE PERSONALITY	0.1943	0.2175	0.3580	0.1497	0.1951	0.4533	0.2688	**0.2606**	0.1631	0.1770
STUDENT INFO BLANK SCALES	D-802	HS CURRIC-ACAD VS OTHER		0.7087	0.3232	0.2051	0.2241	0.3574	0.2695	**0.2612**	0.1759	0.0896
	F-803	HS COURSES(ACAD ORIENT)	0.7087		0.3868	0.2148	0.2612	0.3855	0.3049	**0.2929**	0.2154	0.0694
	P-820	HIGH SCHOOL GRADES	0.3232	0.3868		0.1229	0.1486	0.4597	0.3376	**0.3133**	0.1788	0.1699
	F-822	GUIDANCE RECD IN HS	0.2051	0.2148	0.1229		0.3859	0.1761	0.1553	**0.0857**	0.1653	0.2051
	F-823	GUIDANCE RECD ELSEWHERE	0.2241	0.2612	0.1486	0.3859		0.2119	0.1621	**0.1309**	0.1702	0.1515
	P-827	STUDY HABITS & ATTITUDES	0.3574	0.3855	0.4597	0.1761	0.2119		0.4393	**0.3969**	0.1920	0.1075
	P-828	SELF-PERCEP OF WRTG SKILLS	0.2695	0.3049	0.3376	0.1553	0.1621	0.4393		**0.4353**	0.2666	0.1332
	P-829	SELF-PERCEP OF RDNG SKILLS	0.2612	0.2929	0.3133	0.0857	0.1309	0.3969	0.4353		0.3963	0.0733
	F-830	AMT OF EX-CURR RDNG	0.1759	0.2154	0.1788	0.1653	0.1702	0.1920	0.2666	**0.3963**		0.1634
	P-831	VAR OF EX-CURR GRP ACT	0.0896	0.0694	0.1699	0.2051	0.1515	0.1075	0.1332	**0.0733**	0.1634	
	F-832	VAR PARTIC IN EX-CURR GRP ACT	0.1268	0.1148	0.2095	0.2261	0.1952	0.1769	0.1900	**0.1240**	0.2002	0.8713
	P-833	VARIETY OF HOBBIES	-0.0228	-0.0383	0.0001	0.1645	0.1491	0.0415	0.0019	**-0.0105**	0.1214	0.3462
	F-834	DEGREE OF ACT IN HOBBIES	-0.0671	-0.0734	-0.0025	0.1636	0.1398	0.0411	0.0122	**0.0063**	0.1585	0.3571
	F-835	PARTICIPATION IN SPORTS	0.1555	0.1679	0.0929	0.2082	0.2181	0.1083	0.0941	**0.1009**	0.1213	0.2050
	F-836	LEADERSHIP ROLES	0.1403	0.1405	0.1901	0.1725	0.1700	0.1435	0.1248	**0.0860**	0.0906	0.2670
	F-837	SOCIAL LIFE	-0.0321	-0.0464	-0.0641	0.1054	0.1367	-0.1410	0.0408	**0.0066**	0.0130	0.0977
	F-838	WORK ACTIVITIES	-0.1372	-0.1484	-0.1084	0.0638	0.0592	-0.1086	-0.0864	**-0.0689**	-0.0135	0.0745

TABLE 6.3 (continued)

		F-832	P-833	F-834	F-835	F-836	F-837	F-838
INFORMATION TEST I	R-101	0.0021	-0.0355	-0.0465	0.0668	0.0088	-0.0070	-0.0384
	R-102	0.0131	-0.0466	-0.0699	0.0729	0.0478	-0.0550	-0.1349
	R-103	0.0420	-0.0834	-0.1060	0.0994	0.0676	-0.0428	-0.1700
	R-104	0.0983	-0.0320	-0.0376	0.0551	0.0981	-0.0054	-0.1440
	R-105	-0.0086	-0.0806	-0.1213	0.0805	0.0599	-0.0770	-0.1458
	R-106	0.0525	-0.0290	-0.0919	0.1030	0.1034	-0.0836	-0.1665
	R-107	0.0342	0.0135	-0.0287	0.0619	0.0643	-0.0951	-0.1512
	R-108	0.0237	0.0522	0.0295	0.0476	0.0402	-0.0508	-0.0895
	R-109	-0.0093	-0.0474	-0.0884	0.0574	0.0492	-0.0028	-0.0753
	R-110	0.0013	0.0386	0.0217	0.0384	0.0077	-0.0486	-0.0942
	R-111	0.0066	0.1022	0.1078	-0.0391	-0.0073	-0.0840	-0.0519
	R-112	-0.0244	0.1273	0.1299	-0.0045	-0.0285	0.0263	0.0689
	R-113	0.0272	0.0711	0.0575	-0.0196	0.0157	-0.0626	-0.0023
	R-114	0.0382	0.0861	0.0884	0.0132	0.0155	-0.0296	0.0020
	R-115	0.0154	-0.0927	-0.1658	0.3046	0.1464	0.0766	-0.1133
INFORMATION TEST II	R-131	0.0191	-0.0297	-0.0299	0.0637	0.0366	-0.0094	-0.1374
	R-132	0.0032	-0.0740	-0.0892	0.0449	0.0320	-0.0273	-0.1119
	R-133	0.0105	-0.0213	-0.0443	0.0622	0.0534	-0.0156	-0.0935
	R-134	0.0100	0.0397	0.0240	0.0563	0.0314	-0.0206	-0.0291
	R-135	0.0261	-0.0182	-0.0232	0.0349	0.0347	-0.0553	-0.0868
	R-136	0.0256	-0.0771	-0.0956	0.0743	0.0530	-0.0215	-0.1080
	R-137	0.0057	-0.0724	-0.0817	0.0598	0.0353	-0.0373	-0.1280
	R-138	0.0553	-0.0434	-0.0644	0.0886	0.0582	0.0122	-0.0837
	R-139	0.0217	-0.0545	-0.0619	0.0350	0.0371	-0.0036	-0.0612
	R-140	-0.0052	-0.0246	-0.0338	0.0939	0.0317	0.0534	-0.0169
	R-141	0.0525	-0.0065	-0.0266	0.0394	0.0621	0.0121	-0.0348
	R-142	0.0972	-0.0585	-0.0746	0.0329	0.0825	-0.0658	-0.1111
	R-143	0.0358	0.0172	0.0141	0.0063	0.0394	0.0166	-0.0397
	R-144	0.0335	-0.0006	-0.0257	0.0626	0.0494	0.0181	-0.0371
	R-145	-0.0116	0.1260	0.1122	0.0280	-0.0186	0.0369	0.0613
	R-146	-0.0053	0.1085	0.0919	0.1054	0.0082	0.0356	0.0381
	R-147	0.0331	0.0603	0.0179	0.1252	0.0485	0.0018	-0.0374
	R-148	0.0355	0.0266	0.0150	0.0473	0.0427	-0.0160	-0.0542
	R-149	0.0374	-0.0213	-0.0466	0.1160	0.0596	-0.0020	-0.1133
	R-150	0.0398	-0.0835	-0.0871	0.0709	0.0628	0.0077	-0.1377
	R-151	0.0662	-0.0393	-0.0254	0.0776	0.0509	0.0462	-0.0547
	R-152	0.0432	-0.0360	-0.0492	0.0788	0.0578	-0.0299	-0.1145
	R-162	0.0079	-0.0455	-0.0693	0.0703	0.0421	-0.0094	-0.0949
	R-211	0.0047	0.0229	-0.0089	0.0242	0.0289	0.0043	-0.0347
	R-212	0.0250	-0.0515	-0.0939	0.0441	0.0797	-0.0197	-0.1148
	R-220	0.0387	-0.0643	-0.0782	0.0983	0.0673	0.0389	-0.0847
ENGLISH TEST	R-231	0.0264	-0.1060	-0.1475	0.0371	0.0521	-0.0471	-0.1247
	R-232	-0.0157	-0.0594	-0.0830	0.0456	0.0340	-0.0440	-0.0573
	R-233	0.0382	-0.0595	-0.1146	0.0289	0.0765	-0.0612	-0.1364
	R-234	0.0261	-0.0449	-0.0895	0.0310	0.0559	-0.0619	-0.1221
	R-235	-0.0100	-0.0495	-0.1049	0.0688	0.0634	-0.0186	-0.0835
	R-240	0.0630	-0.0479	-0.1015	0.0433	0.0893	-0.0568	-0.1393
	R-250	-0.0006	-0.0925	-0.1230	0.1035	0.0613	-0.0474	-0.1337
	R-260	0.0377	0.0587	0.0392	0.0587	0.0494	0.0005	-0.0571
	R-270	-0.0026	0.1222	0.0900	0.0444	0.0285	0.0027	-0.0072
	R-281	-0.0065	0.0717	0.0485	0.0642	0.0317	0.0416	0.0092
	R-282	0.0076	0.1339	0.1143	0.0191	0.0097	-0.0255	-0.0154
	R-290	-0.0018	0.0242	-0.0313	0.0782	0.0501	-0.0069	-0.0842
MATH TEST	R-311	0.0045	-0.0366	-0.0915	0.0628	0.0564	-0.0281	-0.0776
	R-312	0.0459	-0.0306	-0.1024	0.1003	0.0984	-0.0666	-0.1443
	R-333	0.0662	-0.0189	-0.0819	0.0921	0.0971	-0.0684	-0.1604
	F-410	-0.0231	-0.0812	-0.1240	0.0908	0.0467	-0.0169	-0.0511
	F-420	0.0049	-0.0033	-0.0082	0.0841	0.0228	0.0672	0.0124
	F-430	0.0335	-0.0287	-0.0443	0.1067	0.0642	0.0601	-0.0292
	F-440	0.0115	0.0390	0.0449	0.0933	0.0450	0.0926	0.0019
	A-410	0.0647	-0.0535	-0.0832	0.1359	0.1135	-0.0031	-0.0567
	A-420	0.0528	0.0105	0.0138	0.0762	0.0623	0.0851	0.0030
	A-430	0.1061	-0.0034	0.0217	0.1019	0.0876	0.0721	-0.0008
	A-440	0.0607	0.0586	0.0841	0.1030	0.0624	0.0934	0.0132
	A-500	0.0768	0.0014	0.0419	0.0437	0.0335	0.0546	0.0428
INTEREST INVENTORY	P-701	0.1235	0.2006	0.1652	0.1670	0.0721	-0.0154	-0.0383
	P-702	0.1901	0.1634	0.1361	0.2135	0.1355	0.0393	-0.0406
	P-703	0.2061	0.0627	0.0397	0.1800	0.1389	0.0829	-0.0080
	P-704	0.2420	0.0817	0.0827	0.1245	0.1351	0.0113	-0.0883
	P-705	0.2459	0.1270	0.1140	0.1420	0.1637	-0.0188	-0.0002
	P-706	0.1568	0.2208	0.2423	0.0923	0.0762	0.0410	-0.0446
	P-707	0.2213	0.1165	0.1515	0.0161	0.0801	-0.0163	-0.0679
	P-708	0.1115	0.0835	0.0439	0.5001	0.1707	0.1334	0.0387
	P-709	0.0316	0.1988	0.2106	0.2220	0.0056	0.0422	0.0955
	P-710	0.1918	0.1053	0.0785	0.1698	0.1281	0.1308	0.0501
	P-711	0.1476	0.1017	0.0611	0.1104	0.0790	0.1052	0.0543
	P-712	0.1283	0.1044	0.0471	0.0886	0.0606	0.0178	0.0383
	P-713	0.1110	0.1276	0.0917	0.0051	0.0187	-0.0137	0.0522
	P-714	-0.0064	0.2959	0.3149	0.0310	-0.0778	0.0136	0.1461
	P-715	-0.0089	0.2331	0.2382	0.0095	-0.0706	0.0067	0.1478
	P-716	0.0365	0.2454	0.2514	0.1001	-0.0041	-0.0626	0.1009
	P-717	-0.0071	0.1651	0.1622	-0.0088	-0.0612	0.0189	0.1347
STDNT ACTIV INVEN	R-601	0.2343	0.0494	0.0741	0.2785	0.1833	0.2677	0.1026
	R-602	0.2392	0.0708	0.1313	0.1510	0.1514	0.0869	0.0239
	R-603	0.0826	-0.0105	0.0507	0.0898	0.0365	0.1248	0.0540
	R-604	0.2144	0.0962	0.1398	0.3684	0.1994	0.1298	0.1029
	R-605	0.1941	0.0838	0.1183	0.1589	0.1493	0.0388	0.0269
	R-606	0.1915	0.0770	0.1305	0.1491	0.1060	0.0490	0.0549
	R-607	0.3133	0.1294	0.2004	0.1505	0.1784	0.0451	0.0069
	R-608	0.3355	0.0848	0.1287	0.2327	0.3448	0.1440	0.0444
	R-609	0.1965	0.0652	0.0929	0.1838	0.1586	0.1259	0.0427
	R-610	0.2548	0.1014	0.1849	0.1686	0.1623	0.0161	0.0911
STUDENT INFO BLANK SCALES	D-802	0.1268	-0.0228	-0.0671	0.1555	0.1403	-0.0321	-0.1372
	F-803	0.1148	-0.0383	-0.0734	0.1679	0.1405	-0.0464	-0.1484
	P-820	0.2095	0.0001	-0.0025	0.0929	0.1901	-0.0641	-0.1084
	F-822	0.2261	0.1645	0.1636	0.2082	0.1725	0.1054	0.0638
	F-823	0.1952	0.1491	0.1398	0.2181	0.1700	0.1367	0.0592
	P-827	0.1769	0.0415	0.0411	0.1083	0.1435	-0.1410	-0.1086
	P-828	0.1900	0.0019	0.0122	0.0941	0.1248	0.0408	-0.0864
	P-829	0.1240	-0.0105	0.0063	0.1009	0.0860	0.0066	-0.0689
	F-830	0.2002	0.1214	0.1585	0.1213	0.0906	0.0130	-0.0135
	P-831	0.8713	0.3462	0.3571	0.2050	0.2670	0.0977	0.0745
	F-832		0.3254	0.3960	0.2341	0.2984	0.1080	0.0682
	P-833	0.3254		0.7825	0.2583	0.1401	0.0542	0.1495
	F-834	0.3960	0.7825		0.2589	0.1151	0.0585	0.1811
	F-835	0.2341	0.2583	0.2589		0.2316	0.2150	0.0998
	F-836	0.2984	0.1401	0.1151	0.2316		0.1390	0.0452
	F-837	0.1080	0.0542	0.0585	0.2150	0.1390		0.1691
	F-838	0.0682	0.1495	0.1811	0.0998	0.0452	0.1691	

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TABLE 6.4

INTERCORRELATIONS OF 109 COGNITIVE AND NON-COGNITIVE VARIABLES. DATA BASED ON 12TH GRADE FEMALES.

			R-101	R-102	R-103	R-104	R-105	R-106	R-107	R-108	R-109	R-110
INFORMATION TEST I	R-101	SCREENING		0.2335	0.2072	0.2080	0.2352	0.1606	0.1675	0.1566	0.1999	0.0923
	R-102	VOCABULARY I	0.2335		0.7176	0.6526	0.7035	0.6540	0.6813	0.6029	0.5272	0.4335
	R-103	LITERATURE	0.2072	0.7176		0.6414	0.7118	0.6109	0.6246	0.5587	0.4720	0.3940
	R-104	MUSIC	0.2080	0.6526	0.6414		0.6091	0.5250	0.5412	0.4871	0.4162	0.3566
	R-105	SOCIAL STUDIES	0.2352	0.7035	0.7118	0.6091		0.6102	0.6463	0.5653	0.4700	0.3732
	R-106	MATHEMATICS	0.1606	0.6540	0.6109	0.5250	0.6102		0.7187	0.5139	0.4298	0.3543
	R-107	PHYSICAL SCIENCES	0.1675	0.6813	0.6246	0.5412	0.6463	0.7187		0.6131	0.4413	0.4457
	R-108	BIOLOGICAL SCIENCES	0.1566	0.6029	0.5587	0.4871	0.5653	0.5139	0.6131		0.4071	0.3825
	R-109	SCIENTIFIC ATTITUDE	0.1999	0.5272	0.4720	0.4162	0.4700	0.4298	0.4413	0.4071		0.2583
	R-110	AERONAUTICS AND SPACE	0.0923	0.4335	0.3940	0.3566	0.3732	0.3543	0.4457	0.3825	0.2583	
	R-111	ELECTRICITY,ELECTRONICS	0.1189	0.4557	0.3793	0.3480	0.4089	0.4672	0.5622	0.4068	0.2990	0.4223
	R-112	MECHANICS	0.1566	0.4780	0.3659	0.3445	0.3975	0.3644	0.4680	0.4419	0.3341	0.3870
	R-113	FARMING	0.1885	0.4772	0.3957	0.3678	0.4461	0.3306	0.4351	0.4693	0.3545	0.2890
	R-114	HOME ECONOMICS	0.2177	0.4126	0.3074	0.3310	0.3690	0.2904	0.3616	0.3715	0.3226	0.2309
	R-115	SPORTS	0.1635	0.4861	0.4468	0.4635	0.4844	0.4188	0.4357	0.3669	0.3425	0.3435
INFORMATION TEST II	R-131	ART	0.1799	0.6246	0.6421	0.5782	0.5878	0.4510	0.4918	0.4556	0.4164	0.3675
	R-132	LAW	0.1596	0.5452	0.5213	0.4522	0.5478	0.4275	0.4638	0.4195	0.3809	0.3492
	R-133	HEALTH	0.2049	0.5145	0.4564	0.4357	0.4758	0.3702	0.4259	0.4255	0.3672	0.2701
	R-134	ENGINEERING	0.1330	0.3905	0.3112	0.3069	0.3275	0.3032	0.3681	0.3400	0.2831	0.2734
	R-135	ARCHITECTURE	0.1303	0.4522	0.4693	0.3911	0.4349	0.3651	0.4032	0.3502	0.2816	0.2881
	R-136	JOURNALISM	0.1568	0.5096	0.4822	0.4514	0.4960	0.3820	0.3987	0.3521	0.3478	0.2679
	R-137	FOREIGN TRAVEL	0.1450	0.5852	0.6059	0.5313	0.5904	0.4520	0.5049	0.4505	0.3701	0.3652
	R-138	MILITARY	0.1117	0.4158	0.4162	0.3855	0.4260	0.3492	0.3620	0.3069	0.2622	0.2903
	R-139	ACCOUNTING,BUSINESS,SALES	0.1708	0.5357	0.4842	0.4435	0.5155	0.3787	0.3957	0.3631	0.3991	0.2857
	R-140	PRACTICAL KNOWLEDGE	0.1879	0.3639	0.3133	0.3208	0.3159	0.2575	0.2646	0.2543	0.2847	0.1965
	R-141	CLERICAL	0.2272	0.2344	0.2023	0.2133	0.2320	0.1215	0.1493	0.1460	0.1864	0.1193
	R-142	BIBLE	0.1303	0.4878	0.5115	0.4023	0.4907	0.3950	0.4436	0.4214	0.3503	0.2896
	R-143	COLORS	0.1375	0.4459	0.4035	0.4086	0.3873	0.3471	0.3612	0.3330	0.2951	0.2146
	R-144	ETIQUETTE	0.1488	0.2938	0.2482	0.2567	0.2648	0.2707	0.2588	0.2272	0.2389	0.1266
	R-145	HUNTING	0.0358	0.0545	0.0342	0.0208	0.0452	0.0105	0.0650	0.0918	0.0649	0.0892
	R-146	FISHING	0.0142	0.0468	0.0419	0.0302	0.0304	0.0248	0.0651	0.0837	0.0470	0.0982
	R-147	OUTDOOR ACTIVITIES(OTHER)	0.1802	0.4658	0.3985	0.3897	0.4081	0.3845	0.4233	0.3957	0.3491	0.2940
	R-148	PHOTOGRAPHY	0.1392	0.2589	0.2149	0.1952	0.2190	0.1832	0.1887	0.1751	0.2011	0.1500
	R-149	GAMES(SEDENTARY)	0.0911	0.2874	0.2942	0.2776	0.2765	0.2821	0.2672	0.2051	0.2060	0.1941
	R-150	THEATER,BALLET	0.1958	0.6071	0.5935	0.5891	0.5598	0.4581	0.4614	0.3963	0.4128	0.3360
	R-151	FOODS	0.1422	0.4770	0.4456	0.4488	0.3973	0.3613	0.3478	0.3037	0.3142	0.2351
	R-152	MISCELLANEOUS	0.1725	0.5470	0.5369	0.4866	0.5240	0.4653	0.4928	0.4244	0.3685	0.3345
	R-162	VOCABULARY II	0.2074	0.6402	0.5763	0.5413	0.5955	0.4667	0.4953	0.4700	0.4492	0.3269
	R-211	MEMORY FOR SENTENCES	0.0660	0.2367	0.2098	0.1612	0.2133	0.2336	0.2241	0.2004	0.1820	0.1126
	R-212	MEMORY FOR WORDS	0.1339	0.4163	0.4010	0.3472	0.3944	0.3958	0.3764	0.3223	0.2950	0.1848
ENGLISH TEST	R-220	DISGUISED WORDS	0.1847	0.4983	0.4435	0.4500	0.3924	0.3851	0.3703	0.3187	0.3427	0.2333
	R-231	SPELLING	0.1730	0.4106	0.3836	0.3601	0.3770	0.3690	0.3204	0.2665	0.2590	0.1356
	R-232	CAPITALIZATION	0.1742	0.2918	0.2625	0.2513	0.2848	0.2466	0.2381	0.2018	0.2417	0.1196
	R-233	PUNCTUATION	0.1975	0.5628	0.5153	0.4642	0.5323	0.5326	0.4887	0.4246	0.4350	0.2485
	R-234	USAGE	0.1653	0.4954	0.4664	0.4115	0.4476	0.4375	0.4080	0.3605	0.3642	0.2321
	R-235	EFFECTIVE EXPRESSION	0.1474	0.4401	0.4021	0.3729	0.3906	0.3428	0.3399	0.3104	0.3538	0.2066
	R-240	WORD FUNCTIONS IN SENTENCES	0.1632	0.5722	0.5341	0.4524	0.5213	0.6052	0.5383	0.4492	0.4271	0.2556
	R-250	READING COMPREHENSION	0.2344	0.7330	0.6893	0.5978	0.6854	0.5791	0.6005	0.5536	0.5461	0.3658
	R-260	CREATIVITY	0.1625	0.5475	0.4722	0.4525	0.4610	0.4348	0.4703	0.4410	0.4134	0.3560
	R-270	MECHANICAL REASONING	0.1390	0.4927	0.3928	0.3885	0.4004	0.4634	0.5013	0.4304	0.3834	0.3819
	R-281	VISUALIZATION IN 2-DIMENSIONS	0.1152	0.2831	0.2103	0.2208	0.2196	0.2735	0.2622	0.2222	0.2256	0.1799
	R-282	VISUALIZATION IN 3-DIMENSIONS	0.1110	0.3985	0.3188	0.3083	0.3530	0.3972	0.3957	0.3440	0.3200	0.2686
MATH TEST	R-290	ABSTRACT REASONING	0.1668	0.4875	0.4200	0.4058	0.4344	0.4633	0.4371	0.3684	0.3990	0.2427
	R-311	ARITHMETIC REASONING	0.1724	0.5936	0.5091	0.4531	0.5625	0.5981	0.5534	0.4525	0.4816	0.2883
	R-312	INTRODUCTORY HIGH SCHOOL MATH	0.1515	0.6021	0.5588	0.4727	0.5690	0.8258	0.6510	0.4665	0.4150	0.3093
	R-333	ADVANCED MATH	0.0933	0.4694	0.4355	0.3738	0.4380	0.7147	0.5389	0.3653	0.3284	0.2818
	F-410	ARITHMETIC COMPUTATION	0.1841	0.3374	0.2918	0.2700	0.3324	0.3804	0.2998	0.2241	0.2652	0.1201
	F-420	TABLE READING	0.0935	0.0425	0.0306	0.0338	0.0187	0.0474	0.0236	-0.0124	0.0266	0.0183
	F-430	CLERICAL CHECKING	0.1053	0.1439	0.1399	0.1422	0.1202	0.1413	0.1111	0.0555	0.0885	0.0421
	F-440	OBJECT INSPECTION	0.0827	0.1561	0.1396	0.1525	0.1179	0.1370	0.1323	0.1088	0.1307	0.1039
	A-410	ARITHMETIC COMPUTATION	0.1669	0.3091	0.2637	0.2544	0.2938	0.4083	0.3123	0.2048	0.2268	0.1274
	A-420	TABLE READING	0.0603	0.0390	0.0263	0.0269	0.0176	0.0831	0.0398	-0.0066	0.0090	0.0077
	A-430	CLERICAL CHECKING	0.0384	-0.0029	0.0104	0.0219	-0.0097	0.0553	0.0186	-0.0357	-0.0408	-0.0122
	A-440	OBJECT INSPECTION	0.0543	0.0871	0.0784	0.0996	0.0551	0.0859	0.0841	0.0611	0.0634	0.0806
	A-500	PREFERENCES	0.0600	-0.0522	-0.0242	-0.0419	-0.0480	-0.0619	-0.0430	-0.0402	-0.0638	0.0084
INTEREST INVENTORY	P-701	PHYSICAL SCIENCE,ENGRNG.,MATH	0.0273	0.3100	0.2823	0.2196	0.2933	0.4421	0.4309	0.2929	0.1892	0.2422
	P-702	BIOLOGICAL SCIENCE & MEDICINE	0.0443	0.2893	0.2757	0.2385	0.2483	0.3353	0.3789	0.3086	0.1562	0.2065
	P-703	PUBLIC SERVICE	0.0199	0.1639	0.1987	0.1477	0.2110	0.1941	0.1706	0.1001	0.0900	0.0920
	P-704	LITERARY,LINGUISTICS	0.0586	0.3430	0.4054	0.3304	0.3433	0.3174	0.3109	0.2702	0.2181	0.1789
	P-705	SOCIAL SERVICE	0.0119	0.0534	0.0701	0.0800	0.0679	0.1197	0.0657	0.0292	0.0308	-0.0257
	P-706	ARTISTIC	0.0468	0.2905	0.3192	0.2858	0.2500	0.2261	0.2598	0.2731	0.2005	0.1855
	P-707	MUSICAL	0.0306	0.2341	0.2525	0.3487	0.2033	0.2356	0.2309	0.1974	0.1323	0.1370
	P-708	SPORTS	0.0326	0.1195	0.1203	0.1082	0.1236	0.1448	0.1350	0.0997	0.0938	0.0728
	P-709	HUNTING & FISHING	0.0181	0.1534	0.1476	0.1125	0.1278	0.1046	0.1651	0.1888	0.1199	0.1431
	P-710	BUSINESS MANAGEMENT	0.0056	0.0465	0.0437	0.0375	0.0613	0.0604	0.0218	-0.0017	0.0427	-0.0081
	P-711	SALES	-0.0101	-0.0069	-0.0101	-0.0070	0.0128	-0.0145	-0.0361	-0.0330	-0.0011	-0.0258
	P-712	COMPUTATION	-0.0109	-0.1226	-0.1792	-0.1550	-0.0777	-0.0116	-0.0852	-0.1091	-0.0642	-0.0988
	P-713	OFFICE WORK	-0.0347	-0.3340	-0.3697	-0.2947	-0.3104	-0.3646	-0.3664	-0.2899	-0.2078	-0.2129
	P-714	MECHANICAL,TECHNICAL	-0.0055	0.1011	0.0705	0.0442	0.0836	0.1195	0.1555	0.1124	0.0611	0.1126
	P-715	SKILLED TRADES	-0.0246	-0.0417	-0.0652	-0.0631	-0.0463	-0.0434	-0.0179	-0.0022	-0.0263	-0.0150
	P-716	FARMING	0.0190	0.1518	0.1356	0.1037	0.1416	0.0970	0.1647	0.1960	0.1214	0.1452
	P-717	LABOR	-0.0181	-0.0413	-0.0638	-0.0563	-0.0378	-0.0372	-0.0167	-0.0119	-0.0197	-0.0188
STDNT ACTIV INVEN	R-601	SOCIABILITY	0.0556	-0.0793	-0.0833	-0.0257	-0.1033	-0.0655	-0.1008	-0.1008	-0.0354	-0.0935
	R-602	SOCIAL SENSITIVITY	0.0734	0.1039	0.1007	0.1134	0.0644	0.0861	0.0659	0.0602	0.0811	0.0272
	R-603	IMPULSIVENESS	0.0461	0.1273	0.1414	0.1207	0.1067	0.0841	0.0952	0.0923	0.0866	0.0867
	R-604	VIGOR	0.0524	0.0600	0.0395	0.0791	0.0359	0.0909	0.0800	0.0562	0.0492	0.0206
	R-605	CALMNESS	0.0691	0.1236	0.0906	0.1086	0.0929	0.1322	0.1197	0.0926	0.0835	0.0577
	R-606	TIDINESS	0.0686	0.0020	-0.0388	0.0169	-0.0289	0.0002	-0.0281	-0.0360	-0.0193	-0.0623
	R-607	CULTURE	0.0891	0.1678	0.1805	0.2163	0.1422	0.1784	0.1482	0.1307	0.1080	0.0648
	R-608	LEADERSHIP	0.0237	0.1131	0.1043	0.1410	0.1010	0.1718	0.1387	0.0981	0.0797	0.0429
	R-609	SELF-CONFIDENCE	0.0622	0.1292	0.1107	0.1341	0.1015	0.1382	0.1294	0.0948	0.0935	0.0940
	R-610	MATURE PERSONALITY	0.0885	0.2151	0.1760	0.1790	0.1967	0.2441	0.2119	0.1649	0.1388	0.1017
STUDENT INFO BLANK SCALES	D-802	HS CURRIC-ACAD VS OTHER	0.0965	0.4670	0.4677	0.4137	0.4352	0.6265	0.5159	0.3645	0.2901	0.2101
	F-803	HS COURSES(ACAD ORIENT)	0.1250	0.5499	0.5478	0.4671	0.5138	0.7264	0.5992	0.4171	0.3539	0.2568
	P-820	HIGH SCHOOL GRADES	0.0973	0.3667	0.3565	0.2842	0.3965	0.4451	0.3985	0.3022	0.2519	0.1645
	F-822	GUIDANCE RECD IN HS	0.0310	0.1583	0.1452	0.1715	0.1481	0.1837	0.1622	0.1006	0.0874	0.0801
	F-823	GUIDANCE RECD ELSEWHERE	0.0746	0.1935	0.1806	0.1779	0.1880	0.2039	0.1748	0.1373	0.1532	0.0586
	P-827	STUDY HABITS & ATTITUDES	0.0749	0.2873	0.2615	0.2246	0.2928	0.3203	0.2735	0.2110	0.1754	0.1224
	P-828	SELF-PERCEP OF WRTG SKILLS	0.0755	0.3271	0.3163	0.3044	0.2872	0.3004	0.2844	0.2418	0.2144	0.1590
	P-829	SELF-PERCEP OF RDNG SKILLS	0.1045	0.3572	0.3561	0.2847	0.3545	0.2773	0.3001	0.2766	0.2382	0.2038
	F-830	AMT OF EX-CURR RDNG	0.0568	0.2851	0.3431	0.2542	0.2958	0.2598	0.2851	0.2450	0.1807	0.1923
	P-831	VAR OF EX-CURR GRP ACT	0.0003	0.0515	0.0588	0.0906	0.0440	0.1263	0.0910	0.0611	0.0189	0.0145
	F-832	VAR PARTIC IN EX-CURR GRP ACT	0.0212	0.1011	0.1061	0.1507	0.0905	0.1701	0.1330	0.0995	0.0590	0.0332
	P-833	VARIETY OF HOBBIES	0.0116	0.0720	0.0577	0.0689	0.0520	0.0999	0.1201	0.1098	0.0389	0.0895
	F-834	DEGREE OF ACT IN HOBBIES	0.0219	0.0809	0.0635	0.0995	0.0504	0.0806	0.1101	0.1187	0.0428	0.0920
	F-835	PARTICIPATION IN SPORTS	0.0543	0.0950	0.0876	0.0913	0.0686	0.1031	0.0866	0.0602	0.0790	0.0700
	F-836	LEADERSHIP ROLES	0.0225	0.0984	0.0883	0.1253	0.0899	0.1250	0.1152	0.0905	0.0858	0.0551
	F-837	SOCIAL LIFE	0.0523	0.0236	-0.0124	0.0425	-0.0281	-0.0346	-0.0424	-0.0186	0.0707	-0.0192
	F-838	WORK ACTIVITIES	0.0042	-0.0540	-0.0744	-0.0511	-0.0644	-0.075[illegible]	-0.0708	-0.0572	-0.0141	-0.0322

TABLE 6.4 (continued)

R-111	R-112	R-113	R-114	R-115	R-131	R-132	R-133	R-134	R-135	R-136	R-137	R-138		
0.1189	0.1566	0.1885	0.2177	0.1635	0.1799	0.1596	0.2049	0.1330	0.1303	0.1568	0.1450	0.1117	INFORMATION TEST I	R-101
0.4557	0.4780	0.4772	0.4126	0.4861	0.6246	0.5452	0.5145	0.3905	0.4522	0.5096	0.5852	0.4158		R-102
0.3793	0.3659	0.3957	0.3074	0.4468	0.6421	0.5213	0.4564	0.3112	0.4693	0.4822	0.6059	0.4162		R-103
0.3480	0.3445	0.3678	0.3310	0.4635	0.5782	0.4522	0.4357	0.3069	0.3911	0.4514	0.5313	0.3855		R-104
0.4089	0.3975	0.4461	0.3690	0.4844	0.5878	0.5478	0.4758	0.3275	0.4349	0.4960	0.5904	0.4260		R-105
0.4672	0.3644	0.3306	0.2904	0.4188	0.4510	0.4275	0.3702	0.3032	0.3651	0.3820	0.4520	0.3492		R-106
0.5622	0.4680	0.4351	0.3616	0.4357	0.4918	0.4638	0.4259	0.3681	0.4032	0.3967	0.5049	0.3620		R-107
0.4068	0.4419	0.4693	0.3715	0.3669	0.4556	0.4195	0.4255	0.3400	0.3502	0.3521	0.4505	0.3069		R-108
0.2990	0.3341	0.3545	0.3226	0.3425	0.4164	0.3809	0.3672	0.2831	0.2816	0.3478	0.3701	0.2622		R-109
0.4223	0.3870	0.2890	0.2309	0.3435	0.3675	0.3492	0.2701	0.2734	0.2881	0.2679	0.3652	0.2903		R-110
	0.4554	0.3318	0.2995	0.3233	0.3208	0.3299	0.2864	0.3274	0.2830	0.2657	0.3323	0.2642		R-111
0.4554		0.4916	0.4363	0.3651	0.3449	0.3570	0.3219	0.3946	0.2894	0.2810	0.3431	0.2744		R-112
0.3318	0.4916		0.4272	0.3741	0.3384	0.3633	0.3447	0.3488	0.2831	0.3075	0.3514	0.2590		R-113
0.2995	0.4363	0.4272		0.2956	0.3016	0.2904	0.3425	0.3112	0.2622	0.2782	0.2885	0.2132		R-114
0.3233	0.3651	0.3741	0.2956		0.3941	0.3843	0.3274	0.2831	0.3124	0.3637	0.4080	0.3428		R-115
0.3208	0.3449	0.3384	0.3016	0.3941		0.4712	0.4466	0.3138	0.4147	0.4612	0.5611	0.3780	INFORMATION TEST II	R-131
0.3299	0.3570	0.3633	0.2904	0.3843	0.4712		0.3815	0.2853	0.3412	0.3976	0.4441	0.3653		R-132
0.2864	0.3219	0.3447	0.3425	0.3274	0.4466	0.3815		0.2966	0.3037	0.3711	0.3952	0.2819		R-133
0.3274	0.3946	0.3488	0.3112	0.2831	0.3138	0.2853	0.2966		0.2582	0.2550	0.2786	0.2133		R-134
0.2830	0.2894	0.2831	0.2622	0.3124	0.4147	0.3412	0.3037	0.2582		0.3125	0.3989	0.2876		R-135
0.2657	0.2810	0.3075	0.2782	0.3637	0.4612	0.3976	0.3711	0.2550	0.3125		0.4135	0.3083		R-136
0.3323	0.3431	0.3514	0.2885	0.4080	0.5611	0.4441	0.3952	0.2786	0.3989	0.4135		0.3637		R-137
0.2642	0.2744	0.2590	0.2132	0.3428	0.3780	0.3653	0.2819	0.2133	0.2876	0.3083	0.3637			R-138
0.2936	0.3497	0.3352	0.3205	0.3616	0.4825	0.4402	0.3926	0.2730	0.3107	0.4189	0.4161	0.3162		R-139
0.1891	0.2570	0.2421	0.2531	0.2862	0.3340	0.2833	0.3133	0.2378	0.2252	0.2843	0.2772	0.2143		R-140
0.1213	0.1845	0.2076	0.2004	0.1955	0.2268	0.2172	0.2556	0.1822	0.1427	0.2214	0.1866	0.1504		R-141
0.2679	0.3019	0.3567	0.2505	0.2716	0.3912	0.3979	0.3181	0.2541	0.3142	0.3284	0.3788	0.2986		R-142
0.2296	0.2702	0.2707	0.3037	0.2772	0.3985	0.3085	0.3382	0.2380	0.2932	0.3141	0.3528	0.2539		R-143
0.1528	0.1980	0.2316	0.2478	0.2115	0.2276	0.2138	0.2405	0.1879	0.1711	0.1969	0.2109	0.1581		R-144
0.1015	0.1525	0.1446	0.0917	0.0702	0.0430	0.0617	0.0521	0.0991	0.0542	0.0290	0.0405	0.0404		R-145
0.1077	0.1476	0.1175	0.0706	0.0862	0.0505	0.0382	0.0613	0.1083	0.0622	0.0284	0.0494	0.0511		R-146
0.2993	0.3588	0.3524	0.3162	0.3810	0.3799	0.3436	0.3445	0.3166	0.2912	0.2938	0.3463	0.2599		R-147
0.1742	0.1943	0.1820	0.1650	0.1785	0.2471	0.2096	0.2388	0.1992	0.1711	0.2051	0.1816	0.1440		R-148
0.1817	0.1795	0.1398	0.1348	0.2429	0.2827	0.2194	0.2040	0.1625	0.1815	0.2036	0.2284	0.1748		R-149
0.2893	0.3055	0.3145	0.2746	0.4372	0.6020	0.4690	0.4262	0.2864	0.3690	0.4746	0.5110	0.3638		R-150
0.2193	0.2293	0.1987	0.3066	0.3092	0.4611	0.3251	0.3428	0.2156	0.2995	0.3526	0.3895	0.2739		R-151
0.3365	0.3363	0.3294	0.2981	0.3618	0.4911	0.4076	0.3884	0.2864	0.3538	0.3831	0.4530	0.3378		R-152
0.3278	0.3818	0.4019	0.3688	0.4078	0.5981	0.5259	0.5132	0.3305	0.3697	0.5439	0.4943	0.3603		R-162
0.1374	0.1468	0.1532	0.1130	0.1456	0.1704	0.1725	0.1597	0.1182	0.1329	0.1417	0.1449	0.1161	ENGLISH TEST	R-211
0.2074	0.2041	0.2536	0.1797	0.2483	0.3356	0.2907	0.2755	0.1801	0.2501	0.2589	0.2998	0.2120		R-212
0.2340	0.2525	0.2605	0.2412	0.2952	0.4460	0.3209	0.3529	0.2232	0.2763	0.3498	0.3849	0.2562		R-220
0.1835	0.1650	0.2221	0.1851	0.2440	0.3174	0.2515	0.3044	0.1633	0.2306	0.3029	0.3049	0.2106		R-231
0.1463	0.1597	0.2162	0.1687	0.1904	0.2351	0.2003	0.2256	0.1523	0.1689	0.2203	0.2110	0.1464		R-232
0.2768	0.3022	0.3693	0.2962	0.3391	0.4111	0.3874	0.3875	0.2718	0.3176	0.3730	0.3943	0.2815		R-233
0.2375	0.2579	0.2987	0.2486	0.2808	0.3831	0.3395	0.3304	0.2122	0.2782	0.3372	0.3542	0.2553		R-234
0.1895	0.2230	0.2735	0.2382	0.2681	0.3567	0.3101	0.3141	0.2128	0.2438	0.3073	0.3186	0.2178		R-235
0.2999	0.3018	0.3521	0.2843	0.3408	0.4049	0.3829	0.3666	0.2726	0.3215	0.3601	0.3895	0.2921		R-240
0.3508	0.3917	0.4525	0.3536	0.4337	0.6043	0.5258	0.4989	0.3435	0.4064	0.5003	0.5506	0.3815		R-250
0.3615	0.4341	0.3936	0.3656	0.3693	0.4689	0.3940	0.3751	0.3415	0.3247	0.3626	0.4231	0.2949		R-260
0.3815	0.4433	0.3647	0.3359	0.3407	0.3709	0.3521	0.3058	0.3373	0.2731	0.2717	0.3538	0.2518		R-270
0.1832	0.2591	0.2280	0.2144	0.2139	0.2231	0.2060	0.1883	0.2006	0.1542	0.1586	0.1878	0.1406	MATH TEST	R-281
0.2850	0.3639	0.3250	0.3244	0.2485	0.3097	0.2764	0.2418	0.2974	0.2440	0.2222	0.2809	0.2042		R-282
0.2557	0.2968	0.3092	0.2898	0.3050	0.3902	0.3157	0.3214	0.2682	0.2690	0.3062	0.3443	0.2321		R-290
0.3565	0.3836	0.3947	0.3626	0.3831	0.4186	0.4311	0.3900	0.3016	0.3189	0.3893	0.4015	0.2968		R-311
0.4101	0.3337	0.3151	0.2712	0.3850	0.4113	0.4011	0.3564	0.2763	0.3302	0.3546	0.4073	0.3098		R-312
0.3727	0.2604	0.2202	0.1859	0.3018	0.3276	0.3115	0.2636	0.2138	0.2626	0.2613	0.3265	0.2412		R-333
0.1859	0.1989	0.2270	0.1862	0.2561	0.2360	0.2222	0.2345	0.1733	0.1719	0.2399	0.2249	0.1596		F-410
0.0189	0.0149	0.0015	0.0184	0.0482	0.0543	0.0293	0.0245	0.0279	0.0167	0.0383	0.0250	0.0374		F-420
0.0644	0.0525	0.0547	0.0565	0.1082	0.1446	0.0924	0.1016	0.0751	0.0833	0.1161	0.1160	0.0692		F-430
0.0808	0.1167	0.0886	0.1079	0.1146	0.1794	0.1039	0.1087	0.1230	0.0838	0.1067	0.1228	0.0902		F-440
0.2113	0.1979	0.2060	0.1723	0.2738	0.2046	0.1954	0.2169	0.1726	0.1684	0.2126	0.1967	0.1525		A-410
0.0282	0.0050	-0.0236	0.0040	0.0476	0.0394	0.0125	0.0058	0.0172	0.0105	0.0292	0.0249	0.0226		A-420
0.0120	-0.0296	-0.0588	-0.0398	0.0150	0.0334	-0.0146	-0.0140	-0.0093	-0.0067	0.0058	0.0017	0.0009		A-430
0.0599	0.0833	0.0355	0.0605	0.0808	0.1256	0.0588	0.0578	0.0889	0.0525	0.0583	0.0737	0.0597		A-440
0.0074	0.0031	0.0051	-0.0044	-0.0020	0.0010	-0.0015	-0.0270	-0.0105	-0.0103	0.0025	-0.0196	0.0085		A-500
0.3120	0.2256	0.1474	0.1271	0.1771	0.2173	0.2117	0.1634	0.1773	0.1754	0.1603	0.2060	0.1763	INTEREST INVENTORY	P-701
0.2357	0.1766	0.1344	0.1295	0.1688	0.2128	0.1690	0.2150	0.1551	0.1792	0.1625	0.1940	0.1557		P-702
0.0981	0.0552	0.0305	0.0172	0.1371	0.1596	0.1655	0.0789	0.0715	0.1246	0.1344	0.1393	0.1468		P-703
0.1621	0.1154	0.1523	0.0886	0.1884	0.3285	0.2758	0.2014	0.1262	0.2291	0.2515	0.2841	0.2022		P-704
0.0122	-0.0225	-0.0124	0.0225	0.0426	0.0181	0.0423	0.0489	0.0209	0.0316	0.0554	0.0258	0.0338		P-705
0.1544	0.1537	0.1608	0.1341	0.1405	0.3299	0.2099	0.1760	0.1641	0.2264	0.1838	0.2519	0.1562		P-706
0.1285	0.0924	0.1148	0.0616	0.1128	0.1885	0.1563	0.1180	0.1055	0.1542	0.1356	0.1713	0.1269		P-707
0.0823	0.0942	0.0879	0.0300	0.2467	0.0908	0.0863	0.0592	0.0889	0.0717	0.0739	0.0936	0.0941		P-708
0.1168	0.1570	0.1604	0.0751	0.1211	0.1366	0.1012	0.0787	0.1178	0.0863	0.0557	0.1311	0.0805		P-709
0.0112	-0.0015	-0.0191	0.0022	0.0593	0.0403	0.0628	0.0098	0.0286	0.0376	0.0692	0.0347	0.0482		P-710
-0.0186	-0.0179	-0.0271	-0.0067	0.0151	0.0200	0.0294	-0.0210	0.0041	0.0100	0.0300	0.0002	0.0104		P-711
-0.0102	-0.0094	-0.0475	-0.0010	-0.0490	-0.1614	-0.0720	-0.0862	-0.0249	-0.1096	-0.0620	-0.1382	-0.0807		P-712
-0.1993	-0.1522	-0.1362	-0.0910	-0.1918	-0.3050	-0.2224	-0.1979	-0.1313	-0.2244	-0.1795	-0.2755	-0.2005		P-713
0.1595	0.1564	0.0815	0.0692	0.0676	0.0626	0.0850	0.0372	0.1048	0.0625	0.0423	0.0635	0.0481		P-714
0.0190	0.0672	0.0487	0.0678	-0.0156	-0.0527	-0.0227	-0.0446	0.0391	-0.0156	-0.0367	-0.0416	-0.0360		P-715
0.1262	0.1898	0.1986	0.1135	0.1172	0.1241	0.1184	0.0757	0.1348	0.0864	0.0609	0.1299	0.0701		P-716
0.0044	0.0442	0.0619	0.0640	-0.0066	-0.0667	-0.0224	-0.0458	0.0251	-0.0169	-0.0386	-0.0337	-0.0432		P-717
-0.0758	-0.0813	-0.0772	-0.0335	0.0031	-0.0459	-0.0809	-0.0152	-0.0229	-0.0506	-0.0184	-0.0812	-0.0383	STDNT ACTIV INVEN	R-601
0.0374	-0.0008	0.0060	0.0404	0.0226	0.1085	0.0574	0.1068	0.0443	0.0499	0.0798	0.0594	0.0410		R-602
0.0625	0.0833	0.0711	0.0578	0.0948	0.1452	0.1063	0.0690	0.0572	0.0706	0.0900	0.1178	0.0974		R-603
0.0599	0.0783	0.0565	0.0469	0.1340	0.0330	0.0151	0.0672	0.0780	0.0294	0.0470	0.0295	0.0298		R-604
0.1034	0.0808	0.0705	0.0873	0.0760	0.0821	0.0694	0.0960	0.0973	0.0693	0.0756	0.0566	0.0609		R-605
-0.0032	-0.0363	-0.0303	0.0239	-0.0248	-0.0182	-0.0417	0.0373	0.0174	-0.0075	0.0079	-0.0253	-0.0347		R-606
0.0956	0.0561	0.0615	0.0848	0.0845	0.1639	0.0984	0.1267	0.0816	0.1249	0.1137	0.1185	0.0954		R-607
0.0743	0.0494	0.0416	0.0540	0.1116	0.0826	0.0677	0.0691	0.0480	0.0689	0.0948	0.0608	0.0727		R-608
0.1011	0.0948	0.0668	0.0774	0.1101	0.1156	0.0911	0.0928	0.0818	0.0818	0.0888	0.0824	0.0893		R-609
0.1708	0.1399	0.1261	0.1278	0.1383	0.1357	0.1392.	0.1519	0.1195	0.1097	0.1367	0.1325	0.0982		R-610
0.2618	0.1865	0.1795	0.1528	0.3011	0.3389	0.2942	0.2703	0.1937	0.2699	0.2805	0.3260	0.2631	STUDENT INFO BLANK SCALES	D-802
0.3362	0.2297	0.2020	0.1790	0.3230	0.4211	0.3487	0.3181	0.2307	0.3113	0.3391	0.3923	0.3010		F-803
0.2526	0.1970	0.2195	0.1485	0.2363	0.2518	0.2673	0.2344	0.1616	0.2182	0.2458	0.2582	0.1888		P-820
0.0922	0.0720	0.0636	0.0911	0.1470	0.1431	0.0943	0.0908	0.0778	0.1088	0.1171	0.1281	0.1030		F-822
0.0967	0.1202	0.1137	0.1197	0.1329	0.1582	0.1400	0.1348	0.1124	0.1175	0.1480	0.1354	0.1110		F-823
0.1794	0.1502	0.1699	0.1241	0.1824	0.1906	0.1944	0.1844	0.1290	0.1588	0.1817	0.1913	0.1257		P-827
0.1652	0.1468	0.1689	0.1320	0.1789	0.2765	0.2333	0.2102	0.1379	0.1988	0.2360	0.2544	0.1704		P-828
0.2099	0.2097	0.2312	0.1444	0.2172	0.3025	0.2766	0.2293	0.1488	0.2086	0.2512	0.2944	0.2162		P-829
0.1891	0.1783	0.1916	0.1321	0.1867	0.2762	0.2222	0.1641	0.1248	0.1953	0.1882	0.2604	0.1951		F-830
0.0350	0.0110	0.0341	0.0064	0.0651	0.0285	0.0274	0.0100	0.0226	0.0357	0.0362	0.0127	0.0401		P-831
0.0607	0.0443	0.0781	0.0431	0.1095	0.0656	0.0631	0.0479	0.0517	0.0704	0.0732	0.0481	0.0706		F-832
0.1149	0.1296	0.0972	0.0744	0.0547	0.0676	0.0393	0.0399	0.0922	0.0558	0.0187	0.0482	0.0294		P-833
0.1202	0.1449	0.1168	0.1357	0.0511	0.0935	0.0330	0.0496	0.0998	0.0622	0.0297	0.0631	0.0336		F-834
0.0571	0.0717	0.0295	0.0147	0.1957	0.1005	0.0282	0.0624	0.0789	0.0577	0.0509	0.0824	0.0426		F-835
0.0612	0.0637	0.0617	0.0534	0.1311	0.0799	0.0658	0.0754	0.0587	0.0576	0.0708	0.0618	0.0650		F-836
-0.0273	0.0281	0.0069	0.0182	0.0405	0.0402	0.0131	0.0395	0.0398	0.0060	0.0386	0.0105	0.0139		F-837
-0.0311	0.0184	-0.0166	0.0789	-0.0141	-0.0586	-0.0483	-0.0159	0.0013	-0.0306	-0.0163	-0.0523	-0.0348		F-838

TABLE 6.4 (continued)

			R-139	R-140	R-141	R-142	R-143	R-144	R-145	R-146	R-147	R-148
INFORMATION TEST I	R-101	SCREENING	0.1708	0.1879	0.2272	0.1303	0.1375	0.1488	0.0358	0.0142	0.1802	0.1392
	R-102	VOCABULARY I	0.5357	0.3639	0.2344	0.4878	0.4459	0.2938	0.0545	0.0468	0.4658	0.2589
	R-103	LITERATURE	0.4842	0.3133	0.2023	0.5115	0.4035	0.2482	0.0342	0.0419	0.3985	0.2149
	R-104	MUSIC	0.4435	0.3208	0.2133	0.4023	0.4086	0.2567	0.0208	0.0302	0.3897	0.1952
	R-105	SOCIAL STUDIES	0.5155	0.3159	0.2320	0.4907	0.3873	0.2648	0.0452	0.0304	0.4081	0.2190
	R-106	MATHEMATICS	0.3787	0.2575	0.1215	0.3950	0.3471	0.2707	0.0105	0.0248	0.3845	0.1832
	R-107	PHYSICAL SCIENCES	0.3957	0.2646	0.1493	0.4436	0.3612	0.2588	0.0650	0.0651	0.4233	0.1887
	R-108	BIOLOGICAL SCIENCES	0.3631	0.2543	0.1460	0.4214	0.3330	0.2272	0.0918	0.0837	0.3957	0.1751
	R-109	SCIENTIFIC ATTITUDE	0.3991	0.2847	0.1864	0.3503	0.2951	0.2389	0.0649	0.0470	0.3491	0.2011
	R-110	AERONAUTICS AND SPACE	0.2857	0.1965	0.1193	0.2896	0.2146	0.1266	0.0892	0.0982	0.2940	0.1500
	R-111	ELECTRICITY,ELECTRONICS	0.2936	0.1891	0.1213	0.2679	0.2296	0.1528	0.1015	0.1077	0.2993	0.1742
	R-112	MECHANICS	0.3497	0.2570	0.1845	0.3019	0.2702	0.1980	0.1525	0.1476	0.3588	0.1943
	R-113	FARMING	0.3352	0.2421	0.2076	0.3567	0.2707	0.2316	0.1446	0.1175	0.3524	0.1820
	R-114	HOME ECONOMICS	0.3205	0.2531	0.2004	0.2505	0.3037	0.2478	0.0917	0.0706	0.3162	0.1650
	R-115	SPORTS	0.3616	0.2862	0.1955	0.2716	0.2772	0.2115	0.0702	0.0862	0.3810	0.1785
INFORMATION TEST II	R-131	ART	0.4825	0.3340	0.2268	0.3912	0.3985	0.2276	0.0430	0.0505	0.3799	0.2471
	R-132	LAW	0.4402	0.2833	0.2172	0.3979	0.3085	0.2138	0.0617	0.0382	0.3436	0.2096
	R-133	HEALTH	0.3926	0.3133	0.2556	0.3181	0.3382	0.2405	0.0521	0.0613	0.3445	0.2388
	R-134	ENGINEERING	0.2730	0.2378	0.1822	0.2541	0.2380	0.1879	0.0991	0.1083	0.3166	0.1992
	R-135	ARCHITECTURE	0.3107	0.2252	0.1427	0.3142	0.2932	0.1711	0.0542	0.0622	0.2912	0.1711
	R-136	JOURNALISM	0.4189	0.2843	0.2214	0.3284	0.3141	0.1969	0.0290	0.0284	0.2938	0.2051
	R-137	FOREIGN TRAVEL	0.4161	0.2772	0.1866	0.3786	0.3528	0.2109	0.0405	0.0494	0.3463	0.1816
	R-138	MILITARY	0.3162	0.2143	0.1504	0.2986	0.2539	0.1581	0.0404	0.0511	0.2599	0.1440
	R-139	ACCOUNTING,BUSINESS,SALES		0.3122	0.2793	0.3318	0.3292	0.2231	0.0425	0.0406	0.3252	0.2243
	R-140	PRACTICAL KNOWLEDGE	0.3122		0.2660	0.2308	0.2402	0.2100	0.0447	0.0436	0.2919	0.2142
	R-141	CLERICAL	0.2793	0.2660		0.1710	0.1799	0.1692	0.0537	0.0574	0.2111	0.1910
	R-142	BIBLE	0.3318	0.2308	0.1710		0.2566	0.1914	0.0605	0.0416	0.2801	0.1574
	R-143	COLORS	0.3292	0.2402	0.1799	0.2566		0.1952	0.0341	0.0392	0.2696	0.1703
	R-144	ETIQUETTE	0.2231	0.2100	0.1692	0.1914	0.1952		0.0334	0.0171	0.2445	0.1352
	R-145	HUNTING	0.0425	0.0447	0.0537	0.0605	0.0341	0.0334		0.1064	0.0880	0.0639
	R-146	FISHING	0.0406	0.0436	0.0574	0.0416	0.0392	0.0171	0.1064		0.0722	0.0761
	R-147	OUTDOOR ACTIVITIES(OTHER)	0.3252	0.2919	0.2111	0.2801	0.2696	0.2445	0.0880	0.0722		0.2079
	R-148	PHOTOGRAPHY	0.2243	0.2142	0.1910	0.1574	0.1703	0.1352	0.0639	0.0761	0.2079	
	R-149	GAMES(SEDENTARY)	0.2220	0.1809	0.1206	0.1735	0.1863	0.1365	0.0385	0.0571	0.2323	0.1353
	R-150	THEATER,BALLET	0.4843	0.3501	0.2709	0.3538	0.3734	0.2489	0.0216	0.0158	0.3850	0.2322
	R-151	FOODS	0.3737	0.2737	0.1669	0.1996	0.3411	0.1964	0.0034	-0.0014	0.2832	0.1765
	R-152	MISCELLANEOUS	0.4062	0.2956	0.2261	0.3725	0.3473	0.2208	0.0640	0.0479	0.3449	0.1975
	R-162	VOCABULARY II	0.6147	0.3534	0.2661	0.4006	0.4048	0.2598	0.0561	0.0502	0.4682	0.2592
ENGLISH TEST	R-211	MEMORY FOR SENTENCES	0.1722	0.1265	0.0704	0.1868	0.1322	0.1073	0.0313	0.0259	0.1445	0.0774
	R-212	MEMORY FOR WORDS	0.2710	0.2033	0.1343	0.2897	0.2832	0.1887	0.0333	0.0265	0.2378	0.1345
	R-220	DISGUISED WORDS	0.3647	0.2576	0.2778	0.2854	0.3747	0.1952	0.0522	0.0468	0.2890	0.2155
	R-231	SPELLING	0.3028	0.1873	0.2288	0.2177	0.3138	0.1737	0.0180	0.0350	0.2049	0.1588
	R-232	CAPITALIZATION	0.2275	0.1854	0.1727	0.1782	0.1923	0.1639	0.0317	0.0279	0.1972	0.1445
	R-233	PUNCTUATION	0.4120	0.2804	0.2306	0.3890	0.3661	0.2795	0.0320	0.0403	0.3403	0.2057
	R-234	USAGE	0.3523	0.2250	0.1899	0.3262	0.3020	0.2252	0.0240	0.0338	0.2932	0.1827
	R-235	EFFECTIVE EXPRESSION	0.3372	0.2260	0.1693	0.2725	0.2819	0.2077	0.0313	0.0099	0.2770	0.1724
	R-240	WORD FUNCTIONS IN SENTENCES	0.3787	0.2547	0.1824	0.4109	0.3610	0.2665	0.0278	0.0399	0.3497	0.1946
	R-250	READING COMPREHENSION	0.5329	0.3566	0.2601	0.5195	0.4064	0.2954	0.0420	0.0340	0.4389	0.2629
	R-260	CREATIVITY	0.4170	0.2992	0.2206	0.3550	0.3362	0.2425	0.1007	0.0885	0.3716	0.2124
	R-270	MECHANICAL REASONING	0.3226	0.2565	0.1397	0.3087	0.2682	0.2510	0.0876	0.0798	0.3865	0.1838
	R-281	VISUALIZATION IN 2-DIMENSIONS	0.1998	0.1792	0.1344	0.1687	0.1904	0.1910	0.0457	0.0390	0.2242	0.1328
	R-282	VISUALIZATION IN 3-DIMENSIONS	0.2775	0.2159	0.1229	0.2685	0.2570	0.2267	0.0647	0.0560	0.2997	0.1486
MATH TEST	R-290	ABSTRACT REASONING	0.3471	0.2677	0.1769	0.2943	0.3107	0.2727	0.0322	0.0276	0.3269	0.1773
	R-311	ARITHMETIC REASONING	0.4828	0.2975	0.1994	0.3907	0.3366	0.2844	0.0402	0.0313	0.3690	0.2003
	R-312	INTRODUCTORY HIGH SCHOOL MATH	0.3769	0.2516	0.1371	0.3715	0.3210	0.2671	0.0137	0.0162	0.3611	0.1762
	R-333	ADVANCED MATH	0.2805	0.1833	0.0730	0.2737	0.2468	0.2074	-0.0030	0.0122	0.2890	0.1351
	F-410	ARITHMETIC COMPUTATION	0.2808	0.2278	0.2247	0.1873	0.2170	0.1777	0.0364	0.0203	0.2230	0.1625
	F-420	TABLE READING	0.0443	0.0846	0.0985	0.0242	0.0347	0.0430	0.0114	0.0093	0.0344	0.0528
	F-430	CLERICAL CHECKING	0.1233	0.1156	0.1460	0.0696	0.1257	0.0987	0.0244	0.0246	0.0961	0.0995
	F-440	OBJECT INSPECTION	0.1170	0.1546	0.1038	0.0886	0.1359	0.1026	0.0240	0.0232	0.1365	0.0910
	A-410	ARITHMETIC COMPUTATION	0.2560	0.2143	0.2196	0.1754	0.2059	0.1693	0.0403	0.0438	0.2154	0.1539
	A-420	TABLE READING	0.0261	0.0584	0.0665	0.0119	0.0337	0.0346	0.0042	0.0136	0.0209	0.0318
	A-430	CLERICAL CHECKING	-0.0013	0.0267	0.0585	-0.0033	0.0312	0.0125	0.0052	0.0223	0.0013	0.0222
	A-440	OBJECT INSPECTION	0.0579	0.1065	0.0790	0.0441	0.0828	0.0641	0.0195	0.0279	0.0983	0.0669
	A-500	PREFERENCES	-0.0210	0.0206	0.0998	0.0174	-0.0195	-0.0240	0.0218	0.0294	-0.0129	0.0264
INTEREST INVENTORY	P-701	PHYSICAL SCIENCE,ENGRNG.,MATH	0.1510	0.0872	0.0064	0.2303	0.1233	0.0812	0.0157	0.0396	0.1785	0.0649
	P-702	BIOLOGICAL SCIENCE & MEDICINE	0.0840	0.0838	-0.0013	0.1962	0.1249	0.0802	0.0135	0.0358	0.2008	0.0646
	P-703	PUBLIC SERVICE	0.1284	0.0680	0.0286	0.1298	0.0666	0.0322	-0.0245	0.0079	0.0806	0.0338
	P-704	LITERARY,LINGUISTICS	0.2137	0.1020	0.0576	0.3039	0.1935	0.1047	-0.0102	0.0239	0.1643	0.0895
	P-705	SOCIAL SERVICE	0.0173	0.0240	0.0106	0.1175	0.0235	0.0323	-0.0428	-0.0109	0.0336	0.0137
	P-706	ARTISTIC	0.1624	0.1055	0.0169	0.2202	0.2127	0.1030	0.0023	0.0458	0.1728	0.0793
	P-707	MUSICAL	0.0958	0.0542	0.0034	0.2452	0.1372	0.0875	-0.0135	0.0118	0.1245	0.0409
	P-708	SPORTS	0.0482	0.0814	0.0269	0.0828	0.0453	0.0581	0.0180	0.0477	0.1523	0.0351
	P-709	HUNTING & FISHING	0.0398	0.0635	-0.0081	0.1195	0.0551	0.0542	0.0781	0.0947	0.1572	0.0461
	P-710	BUSINESS MANAGEMENT	0.0936	0.0312	0.0253	0.0307	0.0220	0.0091	-0.0276	0.0024	0.0216	0.0163
	P-711	SALES	0.0519	0.0102	-0.0061	-0.0369	-0.0006	-0.0148	-0.0269	0.0104	-0.0182	0.0136
	P-712	COMPUTATION	0.0252	-0.0217	0.0416	-0.0892	-0.0736	-0.0220	0.0041	0.0102	-0.0809	-0.0169
	P-713	OFFICE WORK	-0.1231	-0.0965	0.0514	-0.2186	-0.1649	-0.1006	0.0078	0.0045	-0.2036	-0.0610
	P-714	MECHANICAL,TECHNICAL	0.0342	0.0153	-0.0122	0.0888	0.0182	0.0082	0.0288	0.0438	0.0835	0.0293
	P-715	SKILLED TRADES	-0.0427	-0.0433	-0.0312	0.0018	-0.0323	-0.0177	0.0260	0.0350	0.0070	-0.0155
	P-716	FARMING	0.0663	0.0584	-0.0113	0.1340	0.0439	0.0519	0.0830	0.0608	0.1639	0.0483
	P-717	LABOR	-0.0397	-0.0466	-0.0308	0.0032	-0.0436	0.0032	0.0308	0.0212	0.0045	-0.0189
STDNT ACTIV INVEN	R-601	SOCIABILITY	-0.0452	0.0407	0.0492	-0.0896	0.0062	0.0024	-0.0015	-0.0222	-0.0087	0.0334
	R-602	SOCIAL SENSITIVITY	0.0672	0.0714	0.0537	0.0672	0.0834	0.0485	0.0031	-0.0042	0.0597	0.0710
	R-603	IMPULSIVENESS	0.1067	0.0683	0.0560	0.1076	0.0823	0.0392	0.0385	0.0123	0.0881	0.0513
	R-604	VIGOR	0.0162	0.0784	0.0524	0.0239	0.0391	0.0558	0.0403	0.0390	0.1166	0.0466
	R-605	CALMNESS	0.0709	0.0876	0.0797	0.0715	0.0674	0.0788	0.0244	0.0245	0.0922	0.0761
	R-606	TIDINESS	-0.0087	0.0377	0.0719	-0.0584	0.0317	0.0357	-0.0162	-0.0020	-0.0102	0.0306
	R-607	CULTURE	0.0940	0.1013	0.0561	0.1273	0.1393	0.0929	0.0029	0.0117	0.1091	0.0706
	R-608	LEADERSHIP	0.0615	0.0682	0.0373	0.0943	0.0942	0.0651	0.0021	0.0131	0.0873	0.0479
	R-609	SELF-CONFIDENCE	0.0818	0.0894	0.0618	0.1061	0.0829	0.0775	0.0143	0.0162	0.1107	0.0703
	R-610	MATURE PERSONALITY	0.1578	0.1111	0.1056	0.1458	0.1154	0.0866	0.0187	0.0382	0.1232	0.0954
STUDENT INFO BLANK SCALES	D-802	HS CURRIC-ACAD VS OTHER	0.1932	0.1732	0.0261	0.2750	0.2386	0.1948	-0.0206	-0.0038	0.2740	0.1085
	F-803	HS COURSES(ACAD ORIENT)	0.2698	0.2118	0.0478	0.3132	0.2826	0.2182	-0.0170	-0.0163	0.3142	0.1367
	P-820	HIGH SCHOOL GRADES	0.2770	0.1335	0.1241	0.3158	0.2158	0.1405	0.0104	0.0505	0.1792	0.1159
	F-822	GUIDANCE RECD IN HS	0.0893	0.0812	0.0254	0.0534	0.0917	0.0704	0.0057	0.0020	0.1031	0.0473
	F-823	GUIDANCE RECD ELSEWHERE	0.1212	0.1242	0.0737	0.1383	0.1212	0.1102	0.0141	0.0085	0.1260	0.0874
	P-827	STUDY HABITS & ATTITUDES	0.1983	0.1236	0.1006	0.1764	0.1405	0.1170	0.0006	0.0260	0.1487	0.1080
	P-828	SELF-PERCEP OF WRTG SKILLS	0.2213	0.1114	0.0924	0.2394	0.2320	0.1133	0.0168	0.0297	0.1488	0.1040
	P-829	SELF-PERCEP OF RDNG SKILLS	0.2629	0.1360	0.1517	0.2988	0.1875	0.1142	0.0299	0.0397	0.1782	0.1172
	F-830	AMT OF EX-CURR RDNG	0.1899	0.1069	0.0702	0.2483	0.1434	0.0868	0.0649	0.0269	0.1609	0.0804
	P-831	VAR OF EX-CURR GRP ACT	0.0068	0.0152	-0.0234	0.0579	0.0489	0.0426	-0.0145	0.0114	0.0506	-0.0122
	F-832	VAR PARTIC IN EX-CURR GRP ACT	0.0334	0.0549	0.0006	0.1203	0.0776	0.0759	-0.0025	0.0155	0.0836	0.0135
	P-833	VARIETY OF HOBBIES	0.0081	0.0413	-0.0256	0.0428	0.0515	0.0474	0.0534	0.0384	0.0980	0.0299
	F-834	DEGREE OF ACT IN HOBBIES	0.0143	0.0499	-0.0210	0.0442	0.0688	0.0595	0.0574	0.0469	0.0967	0.0333
	F-835	PARTICIPATION IN SPORTS	0.0506	0.1130	0.0252	-0.0181	0.0270	0.0671	0.0364	0.0417	0.1860	0.0545
	F-836	LEADERSHIP ROLES	0.0526	0.0671	0.0138	0.0664	0.0667	0.0685	-0.0018	0.0191	0.0973	0.0321
	F-837	SOCIAL LIFE	0.0673	0.1173	0.0776	-0.0327	0.0842	0.0693	0.0205	0.0129	0.0633	0.0565
	F-838	WORK ACTIVITIES	0.0129	0.0268	0.0210	-0.0221	-0.0289	-0.0013	-0.0069	-0.0142	0.0021	0.0139
			5.8190	3.4218	2.6434	8.2538	1.9989	1.3318	1.1538	1.0558	4.8951	1.5011

TABLE 6.4 (continued)

R-149	R-150	R-151	R-152	R-162	R-211	R-212	R-220	R-231	R-232	R-233	R-234	R-235		
0.0911	0.1958	0.1422	0.1725	0.2074	0.0660	0.1339	0.1847	0.1730	0.1742	0.1975	0.1653	0.1474	INFORMATION TEST I	R-101
0.2874	0.6071	0.4770	0.5470	0.6402	0.2367	0.4163	0.4983	0.4106	0.2918	0.5628	0.4954	0.4401		R-102
0.2942	0.5935	0.4456	0.5369	0.5763	0.2098	0.4010	0.4435	0.3836	0.2625	0.5153	0.4664	0.4021		R-103
0.2776	0.5891	0.4488	0.4866	0.5413	0.1612	0.3472	0.4500	0.3601	0.2513	0.4642	0.4115	0.3729		R-104
0.2765	0.5598	0.3973	0.5240	0.5955	0.2133	0.3944	0.3924	0.3770	0.2848	0.5323	0.4476	0.3906		R-105
0.2821	0.4581	0.3613	0.4653	0.4667	0.2336	0.3958	0.3851	0.3690	0.2466	0.5326	0.4375	0.3428		R-106
0.2672	0.4614	0.3478	0.4928	0.4953	0.2241	0.3764	0.3703	0.3204	0.2381	0.4887	0.4080	0.3399		R-107
0.2051	0.3963	0.3037	0.4244	0.4700	0.2004	0.3223	0.3187	0.2665	0.2018	0.4246	0.3605	0.3104		R-108
0.2060	0.4128	0.3142	0.3685	0.4492	0.1820	0.2950	0.3427	0.2590	0.2417	0.4350	0.3642	0.3538		R-109
0.1941	0.3360	0.2351	0.3345	0.3269	0.1126	0.1848	0.2333	0.1356	0.1196	0.2485	0.2321	0.2066		R-110
0.1817	0.2893	0.2193	0.3365	0.3278	0.1374	0.2074	0.2340	0.1835	0.1463	0.2768	0.2375	0.1895		R-111
0.1795	0.3055	0.2293	0.3363	0.3818	0.1468	0.2041	0.2525	0.1650	0.1597	0.3022	0.2579	0.2230		R-112
0.1398	0.3145	0.1987	0.3294	0.4019	0.1532	0.2536	0.2605	0.2221	0.2162	0.3693	0.2987	0.2735		R-113
0.1348	0.2746	0.3066	0.2981	0.3688	0.1130	0.1797	0.2412	0.1851	0.1687	0.2962	0.2486	0.2382		R-114
0.2429	0.4372	0.3092	0.3618	0.4078	0.1456	0.2483	0.2952	0.2440	0.1904	0.3391	0.2608	0.2681		R-115
0.2827	0.6020	0.4611	0.4911	0.5981	0.1704	0.3356	0.4460	0.3174	0.2351	0.4111	0.3831	0.3567	INFORMATION TEST II	R-131
0.2194	0.4690	0.3251	0.4076	0.5259	0.1725	0.2907	0.3209	0.2515	0.2003	0.3874	0.3395	0.3101		R-132
0.2040	0.4262	0.3428	0.3884	0.5132	0.1597	0.2755	0.3529	0.3044	0.2256	0.3875	0.3304	0.3141		R-133
0.1625	0.2864	0.2156	0.2864	0.3305	0.1182	0.1801	0.2232	0.1633	0.1523	0.2718	0.2122	0.2128		R-134
0.1815	0.3690	0.2995	0.3538	0.3697	0.1329	0.2501	0.2763	0.2306	0.1689	0.3176	0.2782	0.2438		R-135
0.2036	0.4746	0.3526	0.3831	0.5439	0.1417	0.2589	0.3498	0.3029	0.2203	0.3730	0.3372	0.3073		R-136
0.2284	0.5110	0.3895	0.4530	0.4943	0.1449	0.2998	0.3849	0.3049	0.2110	0.3943	0.3542	0.3186		R-137
0.1788	0.3638	0.2739	0.3378	0.3603	0.1161	0.2120	0.2562	0.2106	0.1484	0.2815	0.2553	0.2178		R-138
0.2220	0.4843	0.3737	0.4062	0.6147	0.1722	0.2710	0.3647	0.3028	0.2275	0.4120	0.3523	0.3372		R-139
0.1809	0.3501	0.2737	0.2956	0.3534	0.1265	0.2033	0.2576	0.1873	0.1854	0.2804	0.2250	0.2260		R-140
0.1206	0.2709	0.1669	0.2261	0.2661	0.0704	0.1343	0.2778	0.2298	0.1727	0.2306	0.1899	0.1693		R-141
0.1735	0.3538	0.1996	0.3725	0.4006	0.1868	0.2897	0.2854	0.2177	0.1782	0.3890	0.3262	0.2725		R-142
0.1863	0.3734	0.3411	0.3473	0.4048	0.1322	0.2832	0.3747	0.3138	0.1923	0.3661	0.3020	0.2819		R-143
0.1365	0.2489	0.1964	0.2208	0.2598	0.1073	0.1887	0.1952	0.1737	0.1639	0.2795	0.2252	0.2077		R-144
0.0385	0.0216	0.0034	0.0640	0.0561	0.0313	0.0333	0.0522	0.0180	0.0317	0.0320	0.0240	0.0313		R-145
0.0571	0.0158	-0.0014	0.0479	0.0502	0.0259	0.0265	0.0468	0.0350	0.0279	0.0403	0.0338	0.0099		R-146
0.2323	0.3850	0.2832	0.3449	0.4682	0.1445	0.2378	0.2890	0.2049	0.1972	0.3403	0.2932	0.2770		R-147
0.1353	0.2322	0.1765	0.1975	0.2592	0.0774	0.1345	0.2155	0.1588	0.1445	0.2057	0.1827	0.1724		R-148
	0.2737	0.2142	0.2649	0.2525	0.0859	0.1607	0.2098	0.1504	0.1126	0.2067	0.1782	0.1594		R-149
0.2737		0.4586	0.4595	0.5805	0.1500	0.3168	0.4442	0.3363	0.2394	0.4247	0.3787	0.3582		R-150
0.2142	0.4586		0.3635	0.4214	0.0967	0.2170	0.3464	0.2429	0.1595	0.2969	0.2661	0.2714		R-151
0.2649	0.4595	0.3635		0.5108	0.1637	0.3057	0.3908	0.3121	0.2109	0.4047	0.3517	0.2972		R-152
0.2525	0.5805	0.4214	0.5108		0.2030	0.3429	0.4515	0.3575	0.2803	0.4918	0.4246	0.3950		R-162
0.0859	0.1500	0.0967	0.1637	0.2030		0.3610	0.1708	0.1877	0.2017	0.2608	0.2372	0.2039	ENGLISH TEST	R-211
0.1607	0.3168	0.2170	0.3057	0.3429	0.3610		0.3495	0.3448	0.2629	0.4276	0.3573	0.3128		R-212
0.2098	0.4442	0.3464	0.3908	0.4515	0.1708	0.3495		0.4830	0.2662	0.4757	0.4363	0.3625		R-220
0.1504	0.3363	0.2429	0.3121	0.3575	0.1877	0.3448	0.4830		0.3860	0.5275	0.4574	0.3732		R-231
0.1126	0.2394	0.1595	0.2109	0.2803	0.2017	0.2629	0.2662	0.3860		0.4873	0.4309	0.3729		R-232
0.2067	0.4247	0.2969	0.4047	0.4918	0.2608	0.4276	0.4757	0.5275	0.4873		0.5837	0.4970		R-233
0.1782	0.3787	0.2661	0.3517	0.4246	0.2372	0.3573	0.4363	0.4574	0.4309	0.5837		0.4597		R-234
0.1594	0.3582	0.2714	0.2972	0.3950	0.2039	0.3128	0.3625	0.3732	0.3729	0.4970	0.4597			R-235
0.2112	0.4049	0.2869	0.4032	0.4595	0.2475	0.4251	0.4675	0.4290	0.3022	0.6335	0.4836	0.3996		R-240
0.2622	0.5891	0.4157	0.5047	0.6319	0.2830	0.4421	0.5470	0.4289	0.3362	0.6076	0.5179	0.4913		R-250
0.2301	0.4358	0.3369	0.4120	0.4710	0.2344	0.3318	0.4597	0.2976	0.2324	0.4367	0.3759	0.3482		R-260
0.2235	0.3385	0.2414	0.3594	0.4018	0.1980	0.2829	0.3525	0.1754	0.1978	0.3999	0.3270	0.2818		R-270
0.1644	0.1990	0.1365	0.2106	0.2520	0.1346	0.1887	0.3036	0.1416	0.1500	0.2658	0.2072	0.1821		R-281
0.1937	0.2535	0.1746	0.2866	0.3365	0.1562	0.2555	0.2830	0.1641	0.1818	0.3660	0.2830	0.2413		R-282
0.2178	0.3698	0.2780	0.3515	0.4246	0.2137	0.3346	0.4031	0.3038	0.2707	0.4889	0.3778	0.3572	MATH TEST	R-290
0.2330	0.4362	0.3235	0.4256	0.5134	0.2631	0.3917	0.3897	0.3849	0.3426	0.5976	0.4687	0.4243		R-311
0.2659	0.4228	0.3185	0.4326	0.4476	0.2607	0.3969	0.3741	0.3957	0.3068	0.5580	0.4574	0.3660		R-312
0.2353	0.3267	0.2544	0.3498	0.3283	0.1990	0.3062	0.2868	0.2770	0.2010	0.4028	0.3419	0.2694		R-333
0.1504	0.2648	0.1806	0.2455	0.3096	0.1943	0.2783	0.3187	0.3701	0.2971	0.4318	0.3226	0.2768		F-410
0.0528	0.0546	0.0467	0.0465	0.0546	0.0854	0.0886	0.2151	0.0999	[illegible]	0.0625	0.0631	0.0383		F-420
0.0950	0.1463	0.1113	0.1420	0.1430	0.1027	0.1519	0.3775	0.2443	[illegible]	0.1809	0.1396	0.0973		F-430
0.1064	0.1486	0.1349	0.1437	0.1514	0.1080	0.1424	0.2792	0.1024	0.0997	0.1459	0.1217	0.0952		F-440
0.1580	0.2304	0.1680	0.2435	0.2579	0.2118	0.2907	0.3603	0.3781	0.2670	0.4134	0.3049	0.2542		A-410
0.0595	0.0366	0.0438	0.0456	0.0305	0.0947	0.1236	0.2394	0.1039	0.0462	0.0500	0.0506	0.0153		A-420
0.0408	0.0242	0.0207	0.0355	-0.0057	0.0578	0.0572	0.3013	0.1035	-0.0081	0.0134	0.0175	-0.0359		A-430
0.0827	0.0946	0.0991	0.0985	0.0849	0.0815	0.0942	0.2507	0.0486	0.0466	0.0577	0.0551	0.0270		A-440
0.0087	-0.0025	-0.0251	0.0075	-0.0252	0.0234	0.0081	0.0773	-0.0246	-0.0615	-0.0798	-0.0532	-0.0806		A-500
0.1541	0.1657	0.1160	0.2336	0.2019	0.1359	0.1713	0.1396	0.1051	0.0815	0.2070	0.1702	0.1202	INTEREST INVENTORY	P-701
0.1090	0.1684	0.1644	0.2046	0.1794	0.0976	0.1448	0.1181	0.0918	0.0674	0.1513	0.1433	0.1238		P-702
0.0845	0.1601	0.1213	0.1409	0.1236	0.0679	0.0874	0.0651	0.0801	0.0448	0.0907	0.0699	0.0644		P-703
0.1352	0.3178	0.1940	0.2620	0.2776	0.1089	0.2290	0.2378	0.2105	0.1213	0.2619	0.2433	0.2006		P-704
0.0117	0.0532	0.0302	0.0437	0.0381	0.0406	0.0620	0.0293	0.0571	0.0343	0.0741	0.0465	0.0483		P-705
0.1089	0.2525	0.1744	0.2038	0.2440	0.0915	0.1845	0.1756	0.1075	0.0908	0.1999	0.1785	0.1730		P-706
0.0906	0.1953	0.1086	0.1641	0.1687	0.0640	0.1655	0.1604	0.1342	0.0737	0.1998	0.1798	0.1397		P-707
0.0804	0.0962	0.0520	0.1046	0.0954	0.0524	0.0905	0.0862	0.0669	0.0676	0.1011	0.0743	0.0778		P-708
0.0713	0.0871	0.0538	0.1026	0.1058	0.0498	0.0718	0.0765	0.0065	0.0376	0.0707	0.0562	0.0661		P-709
0.0205	0.0640	0.0365	0.0405	0.0555	0.0358	0.0295	0.0309	0.0472	0.0295	0.0454	0.0214	0.0208		P-710
0.0070	0.0190	0.0188	-0.0020	0.0134	-0.0016	-0.0190	-0.0311	-0.0286	-0.0042	-0.0250	-0.0299	-0.0212		P-711
-0.0190	-0.1560	-0.1408	-0.0692	-0.0685	0.0220	-0.0504	-0.0721	-0.0108	-0.0021	0.0032	-0.0609	-0.0814		P-712
-0.1288	-0.2676	-0.2450	-0.2319	-0.2120	-0.0768	-0.1585	-0.1242	-0.0601	-0.0589	-0.1484	-0.1763	-0.1547		P-713
0.0503	0.0260	0.0030	0.0735	0.0634	0.0495	0.0410	0.0296	0.0009	0.0162	0.0393	0.0320	0.0186		P-714
-0.0230	-0.0718	-0.0806	-0.0356	-0.0369	-0.0041	-0.0324	-0.0569	-0.0488	-0.0199	-0.0335	-0.0401	-0.0356		P-715
0.0697	0.0878	0.0429	0.0916	0.1079	0.0433	0.0702	0.0344	-0.0152	0.0407	0.0723	0.0602	0.0673		P-716
-0.0204	-0.0564	-0.0778	-0.0342	-0.0421	-0.0116	-0.0198	-0.0489	-0.0378	-0.0151	-0.0178	-0.0369	-0.0291		P-717
-0.0095	-0.0147	0.0312	-0.0297	-0.0386	-0.0205	-0.0183	0.0599	0.0074	0.0148	-0.0365	-0.0348	-0.0252	STDNT ACTIV INVEN	R-601
0.0290	0.1150	0.1057	0.0832	0.1017	0.0358	0.0643	0.1515	0.0867	0.0652	0.0859	0.0939	0.0775		R-602
0.0873	0.1445	0.1087	0.0991	0.1106	0.0126	0.0459	0.1172	0.0337	0.0192	0.0313	0.0502	0.0357		R-603
0.0669	0.0608	0.0474	0.0676	0.0586	0.0376	0.0557	0.1021	0.0568	0.0589	0.0566	0.0545	0.0447		R-604
0.0467	0.0837	0.0721	0.0962	0.0987	0.0430	0.0550	0.1112	0.0767	0.0683	0.1016	0.0688	0.0658		R-605
-0.0262	-0.0033	0.0160	-0.0082	0.0012	0.0186	0.0062	0.0717	0.0928	0.0504	0.0464	0.0281	0.0165		R-606
0.0611	0.1544	0.1426	0.1247	0.1326	0.0573	0.1139	0.1561	0.1277	0.0878	0.1482	0.1289	0.1077		R-607
0.0704	0.1003	0.0926	0.1032	0.0865	0.0527	0.0903	0.1227	0.0897	0.0544	0.1053	0.0914	0.0712		R-608
0.0650	0.1200	0.0920	0.1177	0.1074	0.0638	0.0760	0.1324	0.0764	0.0592	0.1047	0.1014	0.0699		R-609
0.0769	0.1491	0.1099	0.1597	0.1648	0.0837	0.1290	0.1858	0.1798	0.1065	0.2137	0.1665	0.1202		R-610
0.1890	0.3531	0.3050	0.3272	0.3090	0.1451	0.2720	0.2303	0.2330	0.1580	0.3394	0.2917	0.2529	STUDENT INFO BLANK SCALES	D-802
0.2302	0.4147	0.3465	0.3974	0.3871	0.1857	0.3345	0.3191	0.2933	0.1876	0.4193	0.3566	0.2913		F-803
0.1183	0.2509	0.1352	0.2687	0.2880	0.2121	0.2937	0.2923	0.3301	0.1901	0.4013	0.3182	0.2342		P-820
0.0759	0.1518	0.1365	0.1291	0.1192	0.0523	0.0901	0.1162	0.0992	0.0625	0.1167	0.1068	0.0871		F-822
0.0854	0.1575	0.1327	0.1412	0.1663	0.0730	0.1277	0.1322	0.1093	0.1019	0.1717	0.1403	0.1296		F-823
0.0830	0.2001	0.1343	0.1882	0.2159	0.1309	0.1802	0.1798	0.2411	0.1629	0.2996	0.2374	0.1815		P-827
0.1117	0.2852	0.2056	0.2524	0.2689	0.1173	0.2129	0.3361	0.3035	0.1520	0.3269	0.2914	0.2204		P-828
0.1314	0.3002	0.1886	0.2735	0.2835	0.1467	0.1884	0.2618	0.2335	0.1314	0.2396	0.2264	0.1805		P-829
0.1387	0.2583	0.1652	0.2354	0.2087	0.0569	0.1171	0.1860	0.1395	0.0836	0.1705	0.1746	0.1246		F-830
0.0266	0.0341	0.0347	0.0431	0.0165	0.0425	0.0466	0.0407	0.0364	0.0251	0.0457	0.0477	0.0161		P-831
0.0429	0.0796	0.0552	0.0819	0.0655	0.0582	0.0846	0.0766	0.0654	0.0603	0.1013	0.0888	0.0510		F-832
0.0543	0.0205	0.0308	0.0574	0.0459	0.0480	0.0305	0.0337	-0.0265	-0.0293	0.0261	0.0281	0.0027		P-833
0.0517	0.0477	0.0643	0.0632	0.0520	0.0174	0.0118	0.0357	-0.0414	-0.0083	0.0098	0.0074	-0.0134		F-834
0.0985	0.0978	0.1147	0.0757	0.0865	0.0297	0.0583	0.1073	0.0228	0.0503	0.0407	0.0423	0.0479		F-835
0.0474	0.0745	0.0714	0.0799	0.0776	0.0493	0.0726	0.0740	0.0429	0.0478	0.0788	0.0583	0.0626		F-836
0.0426	0.0529	0.0820	0.0113	0.0630	0.0216	0.0369	0.1018	0.0143	0.0211	0.0386	0.0187	0.0513		F-837
-0.0154	-0.0362	0.0005	-0.0264	-0.0197	-0.0332	-0.0402	0.0181	-0.0322	-0.0175	-0.0242	-0.0373	-0.0231		F-838

TABLE 6.4 (continued)

			R-240	R-250	R-260	R-270	R-281	R-282	R-290	R-311	R-312	R-333
INFORMATION TEST I	R-101	SCREENING	0.1632	0.2344	0.1625	0.1390	0.1152	0.1110	0.1668	0.1724	0.1515	0.0933
	R-102	VOCABULARY I	0.5722	0.7330	0.5475	0.4927	0.283[illegible]	0.3985	0.4875	0.5936	0.6021	0.4694
	R-103	LITERATURE	0.5341	0.6893	0.4722	0.3928	0.2103	0.3188	0.4200	0.5091	0.5588	0.4355
	R-104	MUSIC	0.4524	0.5978	0.4525	0.3885	0.2208	0.3083	0.4058	0.4531	0.4727	0.3738
	R-105	SOCIAL STUDIES	0.5213	0.6854	0.4610	0.4004	0.2196	0.3530	0.4344	0.5625	0.5690	0.4380
	R-106	MATHEMATICS	0.6052	0.5791	0.4348	0.4634	0.2735	0.3972	0.4633	0.5981	0.8258	0.7147
	R-107	PHYSICAL SCIENCES	0.5383	0.6005	0.4703	0.5013	0.2622	0.3957	0.4371	0.5534	0.6510	0.5389
	R-108	BIOLOGICAL SCIENCES	0.4492	0.5536	0.4410	0.4304	0.2222	0.3440	0.3684	0.4525	0.4665	0.3653
	R-109	SCIENTIFIC ATTITUDE	0.4271	0.5461	0.4134	0.3834	0.2256	0.3200	0.3990	0.4816	0.4150	0.3284
	R-110	AERONAUTICS AND SPACE	0.2556	0.3658	0.3560	0.3819	0.1799	0.2686	0.2427	0.2883	0.3093	0.2818
	R-111	ELECTRICITY,ELECTRONICS	0.2999	0.3508	0.3615	0.3815	0.1832	0.2850	0.2557	0.3565	0.4101	0.3727
	R-112	MECHANICS	0.3018	0.3917	0.4341	0.4433	0.2591	0.3639	0.2968	0.3836	0.3337	0.2604
	R-113	FARMING	0.3521	0.4525	0.3936	0.3647	0.2280	0.3250	0.3092	0.3947	0.3151	0.2202
	R-114	HOME ECONOMICS	0.2843	0.3536	0.3656	0.3359	0.2144	0.3244	0.2898	0.3626	0.2712	0.1859
	R-115	SPORTS	0.3408	0.4337	0.3693	0.3407	0.2139	0.2485	0.3050	0.3831	0.3850	0.3018
INFORMATION TEST II	R-131	ART	0.4049	0.6043	0.4689	0.3709	0.2231	0.3097	0.3902	0.4186	0.4113	0.3276
	R-132	LAW	0.3829	0.5258	0.3940	0.3521	0.2060	0.2764	0.3157	0.4311	0.4011	0.3115
	R-133	HEALTH	0.3666	0.4989	0.3751	0.3058	0.1883	0.2418	0.3214	0.3900	0.3564	0.2636
	R-134	ENGINEERING	0.2726	0.3435	0.3415	0.3373	0.2006	0.2974	0.2682	0.3016	0.2763	0.2138
	R-135	ARCHITECTURE	0.3215	0.4064	0.3247	0.2731	0.1542	0.2440	0.2690	0.3189	0.3302	0.2626
	R-136	JOURNALISM	0.3601	0.5003	0.3626	0.2717	0.1586	0.2222	0.3062	0.3893	0.3546	0.2613
	R-137	FOREIGN TRAVEL	0.3895	0.5506	0.4231	0.3538	0.1878	0.2809	0.3443	0.4015	0.4073	0.3265
	R-138	MILITARY	0.2921	0.3815	0.2949	0.2518	0.1406	0.2042	0.2321	0.2968	0.3098	0.2412
	R-139	ACCOUNTING,BUSINESS,SALES	0.3787	0.5329	0.4170	0.3226	0.1998	0.2775	0.3471	0.4828	0.3769	0.2805
	R-140	PRACTICAL KNOWLEDGE	0.2547	0.3566	0.2992	0.2565	0.1792	0.2159	0.2677	0.2975	0.2516	0.1833
	R-141	CLERICAL	0.1824	0.2601	0.2206	0.1397	0.1344	0.1229	0.1769	0.1994	0.1371	0.0730
	R-142	BIBLE	0.4109	0.5195	0.3550	0.3087	0.1687	0.2685	0.2943	0.3907	0.3715	0.2737
	R-143	COLORS	0.3610	0.4064	0.3362	0.2682	0.1904	0.2570	0.3107	0.33[illegible]	0.3210	0.2468
	R-144	ETIQUETTE	0.2665	0.2954	0.2425	0.2510	0.1910	0.2267	0.2727	0.2944	0.2671	0.2074
	R-145	HUNTING	0.0278	0.0420	0.1007	0.0876	0.0457	0.0647	0.0322	0.0402	0.0137	-0.0030
	R-146	FISHING	0.0399	0.0340	0.0685	0.0798	0.0390	0.0560	0.0276	0.0313	0.0162	0.0122
	R-147	OUTDOOR ACTIVITIES(OTHER)	0.3497	0.4389	0.3716	0.3865	0.2242	0.2997	0.3269	0.3690	0.3611	0.2890
	R-148	PHOTOGRAPHY	0.1946	0.2629	0.2124	0.1838	0.1328	0.1486	0.1773	0.2003	0.1762	0.1351
	R-149	GAMES(SEDENTARY)	0.2112	0.2622	0.2301	0.2235	0.1644	0.1937	0.2178	0.2330	0.2659	0.2353
	R-150	THEATER,BALLET	0.4049	0.5891	0.4358	0.3385	0.1990	0.2535	0.3698	0.4362	0.4228	0.3267
	R-151	FOODS	0.2869	0.4157	0.3369	0.2414	0.1365	0.1746	0.2780	0.3235	0.3185	0.2544
	R-152	MISCELLANEOUS	0.4032	0.5047	0.4120	0.3594	0.2106	0.2866	0.3515	0.4256	0.4326	0.3498
	R-162	VOCABULARY II	0.4595	0.6319	0.4710	0.4018	0.2520	0.3365	0.4246	0.5134	0.4476	0.3283
	R-211	MEMORY FOR SENTENCES	0.2475	0.2830	0.2344	0.1980	0.1346	0.1562	0.2137	0.2631	0.2607	0.1990
	R-212	MEMORY FOR WORDS	0.4251	0.4421	0.3318	0.2829	0.1887	0.2555	0.3346	0.3917	0.3969	0.3062
	R-220	DISGUISED WORDS	0.4675	0.5470	0.4597	0.3525	0.3036	0.2830	0.4031	0.3897	0.3741	0.2868
ENGLISH TEST	R-231	SPELLING	0.4290	0.4289	0.2976	0.1754	0.1416	0.1641	0.3038	0.3949	0.3957	0.2770
	R-232	CAPITALIZATION	0.3022	0.3362	0.2324	0.1978	0.1500	0.1818	0.2707	0.3426	0.3068	0.2010
	R-233	PUNCTUATION	0.6335	0.6076	0.4367	0.3999	0.2658	0.3660	0.4889	0.5976	0.5680	0.4028
	R-234	USAGE	0.4836	0.5179	0.3759	0.3270	0.2072	0.2830	0.3778	0.4687	0.4574	0.3419
	R-235	EFFECTIVE EXPRESSION	0.3996	0.4913	0.3482	0.2818	0.1821	0.2413	0.3572	0.4243	0.3660	0.2694
	R-240	WORD FUNCTIONS IN SENTENCES		0.6391	0.4706	0.4425	0.2878	0.4173	0.5105	0.5944	0.6118	0.4547
	R-250	READING COMPREHENSION	0.6391		0.5954	0.4988	0.3155	0.4474	0.5814	0.6179	0.5668	0.4166
	R-260	CREATIVITY	0.4706	0.5954		0.4966	0.3370	0.4358	0.4580	0.4840	0.4347	0.3461
	R-270	MECHANICAL REASONING	0.4425	0.4988	0.4966		0.4467	0.5775	0.5114	0.4722	0.4584	0.3914
	R-281	VISUALIZATION IN 2-DIMENSIONS	0.2878	0.3155	0.3370	0.4467		0.4580	0.3896	0.3051	0.2811	0.2303
	R-282	VISUALIZATION IN 3-DIMENSIONS	0.4173	0.4474	0.4358	0.5775	0.4580		0.5169	0.4322	0.4055	0.3444
	R-290	ABSTRACT REASONING	0.5105	0.5814	0.4580	0.5114	0.3896	0.5169		0.5193	0.4810	0.3737
MATH TEST	R-311	ARITHMETIC REASONING	0.5944	0.6179	0.4840	0.4722	0.3051	0.4322	0.5193		0.6401	0.4674
	R-312	INTRODUCTORY HIGH SCHOOL MATH	0.6118	0.5668	0.4347	0.4584	0.2811	0.4055	0.4810	0.6401		0.7044
	R-333	ADVANCED MATH	0.4547	0.4166	0.3461	0.3914	0.2303	0.3444	0.3737	0.4674	0.7044	
	F-410	ARITHMETIC COMPUTATION	0.3834	0.3617	0.2914	0.2215	0.2011	0.2265	0.3238	0.4263	0.4496	0.3048
	F-420	TABLE READING	0.0758	0.0904	0.0979	0.0880	0.1868	0.1090	0.1319	0.0565	0.0653	0.0544
	F-430	CLERICAL CHECKING	0.1822	0.1964	0.1669	0.1199	0.2139	0.1387	0.1998	0.1490	0.1575	0.1180
	F-440	OBJECT INSPECTION	0.1741	0.2190	0.2210	0.2598	0.3162	0.2789	0.2967	0.1474	0.1397	0.1274
	A-410	ARITHMETIC COMPUTATION	0.3877	0.2795	0.2799	0.2159	0.2254	0.2157	0.2812	0.4077	0.4801	0.3532
	A-420	TABLE READING	0.0832	0.0586	0.0909	0.0769	0.1638	0.0844	0.1054	0.0585	0.0990	0.0947
	A-430	CLERICAL CHECKING	0.0664	0.0163	0.0549	0.0409	0.1751	0.0612	0.0719	0.0015	0.0550	0.0695
	A-440	OBJECT INSPECTION	0.1095	0.1328	0.1696	0.2146	0.2854	0.2254	0.2132	0.0623	0.0791	0.0950
	A-500	PREFERENCES	-0.0712	-0.0754	-0.0032	-0.0578	0.0451	-0.0624	-0.0972	-0.0942	-0.0625	-0.0496
INTEREST INVENTORY	P-701	PHYSICAL SCIENCE,ENGRNG.,MATH	0.2605	0.2714	0.2300	0.2942	0.1550	0.2555	0.2322	0.2833	0.4176	0.3598
	P-702	BIOLOGICAL SCIENCE & MEDICINE	0.2049	0.2453	0.1893	0.1999	0.0714	0.1343	0.1537	0.1682	0.2880	0.2423
	P-703	PUBLIC SERVICE	0.1170	0.1593	0.0907	0.0485	0.0029	0.0434	0.0854	0.1232	0.1770	0.1556
	P-704	LITERARY,LINGUISTICS	0.2951	0.3640	0.2252	0.1453	0.0517	0.1215	0.1914	0.2393	0.2761	0.2170
	P-705	SOCIAL SERVICE	0.1129	0.0707	0.0304	-0.0233	-0.0294	-0.0135	0.0399	0.0685	0.1179	0.0712
	P-706	ARTISTIC	0.2271	0.2923	0.2283	0.2314	0.1327	0.2504	0.2368	0.1882	0.1921	0.1609
	P-707	MUSICAL	0.2198	0.2225	0.1481	0.1648	0.0758	0.1421	0.1616	0.1583	0.2030	0.1653
	P-708	SPORTS	0.1175	0.1298	0.0979	0.1299	0.0784	0.0777	0.1062	0.1053	0.1383	0.1119
	P-709	HUNTING & FISHING	0.0827	0.1548	0.1305	0.1838	0.0956	0.1332	0.1196	0.0752	0.0701	0.0827
	P-710	BUSINESS MANAGEMENT	0.0520	0.0558	0.0399	-0.0008	-0.0179	0.0062	0.0435	0.0653	0.0589	0.0437
	P-711	SALES	-0.0224	-0.0076	-0.0075	-0.0299	-0.0417	-0.0058	-0.0146	0.0089	-0.0184	-0.0127
	P-712	COMPUTATION	-0.0153	-0.1146	-0.0396	-0.0136	0.0297	0.0477	0.0126	0.0696	0.0487	0.0310
	P-713	OFFICE WORK	-0.2145	-0.2958	-0.1836	-0.2021	-0.0770	-0.1315	-0.1622	-0.1858	-0.2965	-0.2686
	P-714	MECHANICAL,TECHNICAL	0.0529	0.0818	0.1039	0.1697	0.0750	0.1371	0.0793	0.0864	0.1118	0.1079
	P-715	SKILLED TRADES	-0.0329	-0.0462	0.0030	0.0602	0.0226	0.0790	0.0055	-0.0120	-0.0385	-0.0315
	P-716	FARMING	0.0750	0.1536	0.1407	0.2019	0.0891	0.1570	0.1146	0.1022	0.0901	0.0770
	P-717	LABOR	-0.0244	-0.0469	-0.0061	0.0385	0.0012	0.0352	-0.0107	0.0011	-0.0310	-0.0313
STDNT ACTIV INVEN	R-601	SOCIABILITY	-0.0338	-0.0703	-0.0251	-0.0784	-0.0219	-0.0831	-0.0356	-0.0667	-0.0622	-0.0601
	R-602	SOCIAL SENSITIVITY	0.0937	0.1029	0.0808	0.0182	0.0239	-0.0017	0.0513	0.0539	0.0669	0.0505
	R-603	IMPULSIVENESS	0.0439	0.1216	0.1003	0.0783	0.0513	0.0554	0.0437	0.0650	0.0606	0.0497
	R-604	VIGOR	0.0636	0.0579	0.0816	0.0700	0.0642	0.0310	0.0543	0.0436	0.0847	0.0641
	R-605	CALMNESS	0.1111	0.0989	0.1112	0.0675	0.0598	0.0610	0.0765	0.1035	0.1255	0.0936
	R-606	TIDINESS	0.0256	-0.0163	0.0037	-0.0494	0.0116	-0.0243	0.0057	-0.0059	0.0094	-0.0106
	R-607	CULTURE	0.1580	0.1487	0.1296	0.0526	0.0430	0.0631	0.0980	0.1096	0.1522	0.1151
	R-608	LEADERSHIP	0.1347	0.0995	0.0995	0.0540	0.0511	0.0477	0.0721	0.1001	0.1503	0.1187
	R-609	SELF-CONFIDENCE	0.1182	0.1175	0.1286	0.0899	0.0681	0.0625	0.0817	0.0989	0.1234	0.0995
	R-610	MATURE PERSONALITY	0.2195	0.1909	0.1778	0.0997	0.0853	0.1000	0.1277	0.2043	0.2393	0.1854
STUDENT INFO BLANK SCALES	D-802	HS CURRIC-ACAD VS OTHER	0.4130	0.4247	0.2629	0.2815	0.1429	0.2168	0.2989	0.3549	0.5627	0.4742
	F-803	HS COURSES(ACAD ORIENT)	0.4893	0.4972	0.3327	0.3501	0.1988	0.2762	0.3905	0.4520	0.6695	0.5686
	P-820	HIGH SCHOOL GRADES	0.4421	0.3762	0.2866	0.2097	0.1396	0.2085	0.2769	0.3913	0.4517	0.3558
	F-822	GUIDANCE RECD IN HS	0.1381	0.1427	0.1190	0.1050	0.0424	0.0742	0.1021	0.1152	0.1661	0.1285
	F-823	GUIDANCE RECD ELSEWHERE	0.1832	0.2039	0.1494	0.1206	0.0831	0.1192	0.1579	0.1756	0.2011	0.1459
	P-827	STUDY HABITS & ATTITUDES	0.3060	0.2814	0.2053	0.1232	0.0825	0.1190	0.1855	0.2681	0.3219	0.2466
	P-828	SELF-PERCEP OF WRTG SKILLS	0.3241	0.3256	0.2443	0.1497	0.0847	0.0987	0.1784	0.2484	0.2643	0.2073
	P-829	SELF-PERCEP OF RDNG SKILLS	0.2477	0.3725	0.2679	0.1406	0.0682	0.0984	0.1499	0.2436	0.2560	0.1901
	F-830	AMT OF EX-CURR RDNG	0.1784	0.2887	0.2135	0.1302	0.0779	0.1197	0.1349	0.1876	0.2344	0.1819
	P-831	VAR OF EX-CURR GRP ACT	0.1019	0.0367	0.0476	0.0314	-0.0073	0.0295	0.0398	0.0515	0.1037	0.0952
	F-832	VAR PARTIC IN EX-CURR GRP ACT	0.1507	0.0916	0.0877	0.0607	0.0215	0.0569	0.0812	0.0925	0.1455	0.1196
	P-833	VARIETY OF HOBBIES	0.0595	0.0319	0.1011	0.1518	0.0924	0.1475	0.0949	0.0553	0.0865	0.0896
	F-834	DEGREE OF ACT IN HOBBIES	0.0405	0.0468	0.1077	0.1456	0.0913	0.1400	0.0805	0.0365	0.0606	0.0641
	F-835	PARTICIPATION IN SPORTS	0.0605	0.0952	0.0923	0.1237	0.0706	0.0472	0.0913	0.0654	0.0986	0.0947
	F-836	LEADERSHIP ROLES	0.0943	0.0942	0.0927	0.0991	0.0634	0.0611	0.0953	0.0874	0.1076	0.0917
	F-837	SOCIAL LIFE	0.0280	0.0325	0.0708	0.0422	0.0714	0.0291	0.0676	0.0411	-0.0264	-0.0255
	F-838	WORK ACTIVITIES	-0.0397	-0.0363	0.0091	0.0025	0.0129	0.0189	0.0078	0.0241	-0.0577	-0.0637

TABLE 6.4 (continued)

F-410	F-420	F-430	F-440	A-410	A-420	A-430	A-440	A-500	P-701	P-702	P-703	P-704		
0.1841	0.0935	0.1053	0.0827	0.1669	0.0603	0.0384	0.0543	0.0600	0.0273	0.0443	0.0199	0.0586	R-101	INFORMATION TEST I
0.3374	0.0425	0.1439	0.1561	0.3091	0.0390	-0.0029	0.0871	-0.0522	0.3100	0.2893	0.1639	0.3430	R-102	
0.2918	0.0306	0.1399	0.1396	0.2637	0.0263	0.0104	0.0784	-0.0242	0.2823	0.2757	0.1987	0.4054	R-103	
0.2700	0.0338	0.1422	0.1525	0.2544	0.0269	0.0219	0.0996	-0.0419	0.2196	0.2385	0.1477	0.3304	R-104	
0.3324	0.0187	0.1202	0.1179	0.2938	0.0176	-0.0097	0.0551	-0.0480	0.2933	0.2483	0.2110	0.3433	R-105	
0.3804	0.0474	0.1413	0.1370	0.4083	0.0831	0.0553	0.0859	-0.0619	0.4421	0.3353	0.1941	0.3174	R-106	
0.2998	0.0236	0.1111	0.1323	0.3123	0.0398	0.0186	0.0841	-0.0430	0.4309	0.3769	0.1706	0.3109	R-107	
0.2241	-0.0124	0.0555	0.1088	0.2048	-0.0066	-0.0357	0.0611	-0.0402	0.2929	0.3086	0.1001	0.2702	R-108	
0.2652	0.0266	0.0885	0.1307	0.2268	0.0090	-0.0408	0.0634	-0.0638	0.1892	0.1562	0.0900	0.2181	R-109	
0.1201	0.0183	0.0421	0.1039	0.1274	0.0077	-0.0122	0.0836	0.0084	0.2422	0.2065	0.0920	0.1789	R-110	
0.1859	0.0189	0.0644	0.0808	0.2113	0.0282	0.0120	0.0599	0.0074	0.3120	0.2357	0.0981	0.1621	R-111	
0.1989	0.0149	0.0525	0.1167	0.1979	0.0050	-0.0296	0.0833	0.0031	0.2256	0.1766	0.0552	0.1154	R-112	
0.2270	0.0015	0.0547	0.0886	0.2060	-0.0236	-0.0588	0.0355	0.0051	0.1474	0.1344	0.0305	0.1523	R-113	
0.1862	0.0184	0.0565	0.1079	0.1723	0.0040	-0.0398	0.0505	-0.0044	0.1271	0.1295	0.0172	0.0886	R-114	
0.2561	0.0482	0.1082	0.1146	0.2738	0.0476	0.0150	0.0808	-0.0020	0.1771	0.1688	0.1371	0.1884	R-115	
0.2360	0.0543	0.1446	0.1794	0.2046	0.0394	0.0334	0.1256	0.0010	0.2173	0.2128	0.1596	0.3285	R-131	INFORMATION TEST II
0.2222	0.0293	0.0924	0.1039	0.1954	0.0125	-0.0146	0.0588	-0.0015	0.2117	0.1690	0.1655	0.2758	R-132	
0.2345	0.0245	0.1016	0.1087	0.2169	0.0058	-0.0140	0.0578	-0.0270	0.1634	0.2150	0.0789	0.2014	R-133	
0.1733	0.0279	0.0751	0.1230	0.1726	0.0172	-0.0093	0.0889	-0.0105	0.1773	0.1551	0.0715	0.1262	R-134	
0.1719	0.0167	0.0833	0.0838	0.1684	0.0105	-0.0067	0.0525	-0.0103	0.1754	0.1792	0.1246	0.2291	R-135	
0.2399	0.0383	0.1161	0.1067	0.2126	0.0292	0.0058	0.0583	0.0025	0.1603	0.1625	0.1344	0.2515	R-136	
0.2249	0.0250	0.1160	0.1228	0.1967	0.0249	0.0017	0.0737	-0.0196	0.2060	0.1940	0.1393	0.2841	R-137	
0.1596	0.0374	0.0692	0.0902	0.1525	0.0226	0.0009	0.0597	0.0085	0.1763	0.1557	0.1468	0.2022	R-138	
0.2808	0.0443	0.1233	0.1170	0.2560	0.0261	-0.0013	0.0579	-0.0210	0.1510	0.0840	0.1284	0.2137	R-139	
0.2278	0.0846	0.1156	0.1546	0.2143	0.0584	0.0267	0.1065	0.0206	0.0872	0.0838	0.0680	0.1020	R-140	
0.2247	0.0985	0.1460	0.1038	0.2196	0.0665	0.0585	0.0790	0.0998	0.0064	-0.0013	0.0286	0.0576	R-141	
0.1873	0.0242	0.0696	0.0886	0.1754	0.0119	-0.0033	0.0441	0.0174	0.2303	0.1962	0.1298	0.3039	R-142	
0.2170	0.0347	0.1257	0.1359	0.2059	0.0337	0.0312	0.0828	-0.0195	0.1233	0.1249	0.0666	0.1935	R-143	
0.1777	0.0430	0.0987	0.1026	0.1693	0.0346	0.0125	0.0641	-0.0240	0.0812	0.0802	0.0322	0.1047	R-144	
0.0364	0.0114	0.0244	0.0240	0.0403	0.0042	0.0052	0.0135	0.0218	0.0157	0.0135	-0.0245	-0.0102	R-145	
0.0203	0.0093	0.0246	0.0232	0.0438	0.0136	0.0223	0.0279	0.0294	0.0396	0.0358	0.0079	0.0239	R-146	
0.2230	0.0344	0.0961	0.1365	0.2154	0.0209	0.0013	0.0983	-0.0129	0.1785	0.2008	0.0806	0.1643	R-147	
0.1625	0.0528	0.0995	0.0910	0.1539	0.0318	0.0222	0.0669	0.0264	0.0649	0.0646	0.0338	0.0895	R-148	
0.1504	0.0528	0.0950	0.1064	0.1580	0.0595	0.0408	0.0827	0.0087	0.1541	0.1090	0.0845	0.1352	R-149	
0.2648	0.0546	0.1463	0.1486	0.2304	0.0366	0.0242	0.0946	-0.0025	0.1657	0.1584	0.1601	0.3178	R-150	
0.1806	0.0467	0.1113	0.1349	0.1680	0.0438	0.0207	0.0991	-0.0251	0.1160	0.1644	0.1213	0.1940	R-151	
0.2455	0.0465	0.1420	0.1437	0.2435	0.0456	0.0355	0.0985	0.0075	0.2336	0.2046	0.1409	0.2620	R-152	
0.3096	0.0546	0.1430	0.1514	0.2579	0.0305	-0.0057	0.0849	-0.0252	0.2019	0.1794	0.1236	0.2776	R-162	
0.1943	0.0854	0.1027	0.1080	0.2118	0.0947	0.0578	0.0815	0.0234	0.1359	0.0976	0.0679	0.1089	R-211	ENGLISH TEST
0.2783	0.0886	0.1519	0.1424	0.2907	0.1236	0.0572	0.0342	0.0081	0.1713	0.1448	0.0874	0.2290	R-212	
0.3187	0.2151	0.3775	0.2792	0.3603	0.2394	0.3013	0.2507	0.0773	0.1396	0.1181	0.0651	0.2378	R-220	
0.3701	0.0999	0.2443	0.1024	0.3781	0.1039	0.1035	0.0486	-0.0246	0.1051	0.0918	0.0801	0.2105	R-231	
0.2971	0.0760	0.1209	0.0997	0.2670	0.0462	-0.0081	0.0466	-0.0615	0.0815	0.0674	0.0448	0.1213	R-232	
0.4318	0.0625	0.1809	0.1459	0.4134	0.0500	0.0134	0.0577	-0.0798	0.2070	0.1513	0.0907	0.2619	R-233	
0.3226	0.0631	0.1396	0.1217	0.3049	0.0506	0.0175	0.0551	-0.0532	0.1702	0.1433	0.0699	0.2433	R-234	
0.2768	0.0383	0.0973	0.0952	0.2542	0.0153	-0.0359	0.0270	-0.0806	0.1202	0.1238	0.0644	0.2006	R-235	
0.3834	0.0758	0.1822	0.1741	0.3877	0.0832	0.0664	0.1095	-0.0712	0.2605	0.2049	0.1170	0.2951	R-240	
0.3617	0.0904	0.1964	0.2190	0.2795	0.0586	0.0163	0.1328	-0.0754	0.2714	0.2453	0.1593	0.3640	R-250	MATH TEST
0.2914	0.0979	0.1669	0.2210	0.2799	0.0909	0.0549	0.1596	-0.0032	0.2300	0.1893	0.0907	0.2252	R-260	
0.2215	0.0880	0.1199	0.2598	0.2159	0.0769	0.0409	0.2146	-0.0578	0.2942	0.1999	0.0485	0.1453	R-270	
0.2011	0.1868	0.2139	0.3162	0.2254	0.1638	0.1751	0.2854	0.0451	0.1550	0.0714	0.0029	0.0517	R-281	
0.2265	0.1090	0.1387	0.2789	0.2157	0.0844	0.0612	0.2254	-0.0624	0.2555	0.1343	0.0434	0.1215	R-282	
0.3238	0.1319	0.1998	0.2967	0.2812	0.1054	0.0719	0.2132	-0.0972	0.2322	0.1537	0.0854	0.1914	R-290	
0.4263	0.0565	0.1490	0.1474	0.4077	0.0585	0.0015	0.0623	-0.0942	0.2833	0.1682	0.1232	0.2393	R-311	
0.4496	0.0653	0.1575	0.1397	0.4801	0.0990	0.0550	0.0791	-0.0625	0.4176	0.2880	0.1770	0.2761	R-312	
0.3048	0.0544	0.1180	0.1274	0.3532	0.0947	0.0695	0.0950	-0.0496	0.3698	0.2423	0.1556	0.2170	R-333	
	0.1573	0.2236	0.1351	0.5390	0.1378	0.0578	0.0569	0.0140	0.1435	0.0729	0.0531	0.0932	F-410	
0.1573		0.3860	0.3891	0.2079	0.7370	0.3928	0.4057	0.2111	0.0207	-0.0119	0.0087	-0.0156	F-420	
0.2236	0.3860		0.3487	0.2674	0.3814	0.5468	0.3514	0.1728	0.0546	0.0337	0.0321	0.0748	F-430	
0.1351	0.3891	0.3487		0.2246	0.3615	0.3657	0.8665	0.1506	0.0894	0.0674	0.0142	0.0405	F-440	
0.5390	0.2079	0.2674	0.2246		0.3390	0.2522	0.2391	0.1394	0.1980	0.1097	0.0834	0.1033	A-410	
0.1378	0.7370	0.3814	0.3615	0.3390		0.5047	0.4404	0.2685	0.0549	0.0068	0.0208	0.0007	A-420	
0.0578	0.3928	0.6468	0.3657	0.2522	0.5047		0.4571	0.2712	0.0591	0.0296	0.0500	0.0414	A-430	
0.0569	0.4057	0.3514	0.8665	0.2391	0.4404	0.4571		0.2203	0.0842	0.0614	0.0181	0.0230	A-440	
0.0140	0.2111	0.1728	0.1506	0.1394	0.2685	0.2712	0.2203		-0.0020	0.0052	0.0330	-0.0047	A-500	
0.1435	0.0207	0.0546	0.0894	0.1980	0.0549	0.0591	0.0842	-0.0020		0.6588	0.4349	0.4523	P-701	INTEREST INVENTORY
0.0729	-0.0119	0.0337	0.0674	0.1097	0.0068	0.0296	0.0614	0.0052	0.6588		0.3458	0.4087	P-702	
0.0531	0.0087	0.0321	0.0142	0.0834	0.0208	0.0500	0.0181	0.0330	0.4349	0.3458		0.5454	P-703	
0.0932	-0.0156	0.0748	0.0405	0.1033	0.0007	0.0414	0.0230	-0.0047	0.4523	0.4087	0.5454		P-704	
0.0617	-0.0051	0.0303	-0.0044	0.0821	0.0028	0.0212	-0.0027	-0.0092	0.2603	0.3625	0.3703	0.4689	P-705	
0.0321	-0.0213	0.0331	0.0981	0.0383	-0.0287	0.0030	0.0768	-0.0426	0.4152	0.3646	0.3643	0.6576	P-706	
0.0604	-0.0204	0.0249	0.0372	0.0774	-0.0101	0.0125	0.0256	-0.0380	0.3487	0.3169	0.2897	0.5818	P-707	
0.0816	0.0207	0.0556	0.0593	0.1067	0.0369	0.0398	0.0607	0.0065	0.3797	0.3249	0.3439	0.3632	P-708	
-0.0095	-0.0017	0.0112	0.0657	0.0065	-0.0041	-0.0004	0.0584	-0.0036	0.3497	0.3225	0.2344	0.2980	P-709	
0.0380	0.0196	0.0340	0.0088	0.0649	0.0263	0.0486	0.0175	0.0205	0.3265	0.2090	0.6027	0.4934	P-710	
-0.0249	-0.0051	-0.0129	-0.0050	-0.0058	-0.0005	0.0104	0.0078	0.0087	0.2255	0.1101	0.4228	0.3758	P-711	
0.1366	0.0616	0.0476	0.0087	0.1658	0.0855	0.0566	0.0173	0.0244	0.2869	-0.0253	0.1912	0.0576	P-712	
-0.0144	0.0465	0.0199	-0.0458	-0.0279	0.0320	0.0181	-0.0299	0.0252	-0.1606	-0.2803	-0.0472	-0.1132	P-713	
0.0016	-0.0057	-0.0091	0.0191	0.0253	0.0103	0.0109	0.0285	0.0010	0.6324	0.4071	0.3462	0.3200	P-714	
-0.0533	-0.0240	-0.0357	-0.0226	-0.0428	-0.0188	-0.0131	-0.0030	-0.0156	0.3301	0.1837	0.2436	0.2373	P-715	
-0.0105	-0.0265	-0.0265	0.0497	-0.0102	-0.0360	-0.0112	0.0387	-0.0302	0.3460	0.2882	0.2242	0.2823	P-716	
-0.0322	-0.0336	-0.0408	-0.0387	-0.0239	-0.0262	-0.0294	-0.0296	-0.0321	0.2117	0.0937	0.1840	0.1823	P-717	
0.0295	0.0649	0.0776	0.0590	0.0699	0.0784	0.0997	0.0795	0.0949	-0.0628	0.0361	0.0762	0.0191	R-601	STDNT ACTIV INVEN
0.0589	0.0399	0.0864	0.0604	0.0897	0.0523	0.0840	0.0695	0.0670	0.0662	0.1371	0.1016	0.1955	R-602	
0.0045	0.0368	0.0539	0.0470	0.0354	0.0486	0.0759	0.0592	0.1268	0.0601	0.0719	0.0938	0.1457	R-603	
0.0775	0.0626	0.0909	0.0870	0.1261	0.0849	0.1009	0.1003	0.0913	0.1170	0.1701	0.1233	0.1239	R-604	
0.1095	0.0583	0.0892	0.0614	0.1496	0.0822	0.0894	0.0762	0.0837	0.1250	0.1445	0.1002	0.1264	R-605	
0.0966	0.0667	0.0962	0.0614	0.1229	0.0737	0.0966	0.0650	0.0608	-0.0092	0.0279	0.0261	0.0225	R-606	
0.0851	0.0305	0.0901	0.0732	0.1337	0.0510	0.0937	0.0793	0.0550	0.1244	0.1758	0.1729	0.2887	R-607	
0.0772	0.0468	0.0929	0.0764	0.1630	0.0833	0.1266	0.0960	0.0855	0.1499	0.1749	0.2266	0.2379	R-608	
0.0825	0.0728	0.0910	0.0787	0.1258	0.0869	0.0932	0.0849	0.0788	0.1091	0.1270	0.1456	0.1639	R-609	
0.1889	0.0753	0.1275	0.0739	0.2541	0.1089	0.1276	0.0804	0.0850	0.1900	0.1739	0.1626	0.2232	R-610	
0.2193	0.0245	0.0832	0.0935	0.2453	0.0488	0.0404	0.0702	-0.0587	0.3186	0.3557	0.2100	0.3068	D-802	STUDENT INFO BLANK SCALES
0.2724	0.0508	0.1259	0.1324	0.2882	0.0745	0.0597	0.0946	-0.0702	0.3868	0.3776	0.2160	0.3230	F-803	
0.2957	0.0799	0.1644	0.0993	0.3562	0.1309	0.1324	0.0819	0.0360	0.2837	0.1889	0.1831	0.2778	P-820	
0.0690	0.0099	0.0443	0.0412	0.0984	0.0264	0.0387	0.0441	-0.0057	0.1350	0.1627	0.1432	0.1861	F-822	
0.1281	0.0402	0.0546	0.0772	0.1435	0.0363	0.0265	0.0612	-0.0040	0.1195	0.1532	0.1219	0.1752	F-823	
0.2443	0.0529	0.0961	0.0590	0.2404	0.0555	0.0378	0.0350	-0.0385	0.1988	0.1735	0.1471	0.2274	P-827	
0.1695	0.0293	0.1244	0.0588	0.1783	0.0462	0.0806	0.0371	-0.0087	0.1505	0.1702	0.1719	0.4332	P-828	
0.1581	0.0469	0.1116	0.0460	0.1792	0.0598	0.0768	0.0354	0.0692	0.1853	0.1617	0.1733	0.3139	P-829	
0.0881	0.0207	0.0866	0.0471	0.1072	0.0338	0.0655	0.0424	0.0729	0.2303	0.2028	0.1844	0.3594	F-830	
-0.0010	0.0064	0.0414	0.0307	-0.0764	0.0511	0.0928	0.0580	0.0563	0.1596	0.1891	0.1951	0.2271	P-831	
0.0354	0.0131	0.0604	0.0527	0.1206	0.0554	0.1089	0.0714	0.0536	0.1765	0.2080	0.2163	0.2726	F-832	
-0.0173	0.0224	0.0307	0.0728	0.0261	0.0342	0.0491	0.0870	0.0075	0.2506	0.2069	0.1360	0.1859	P-833	
-0.0296	0.0176	0.0410	0.0822	0.0438	0.0366	0.0808	0.1076	0.0388	0.2047	0.2008	0.1164	0.2038	F-834	
0.0658	0.0527	0.0926	0.1001	0.1108	0.0709	0.0953	0.1098	0.0280	0.1589	0.1876	0.1391	0.1205	F-835	
0.0471	0.0268	0.0662	0.0778	0.1077	0.0501	0.0830	0.0836	0.0246	0.0919	0.1259	0.1056	0.1315	F-836	
0.0330	0.0603	0.0749	0.0892	0.0268	0.0554	0.0425	0.0704	0.0318	-0.0686	-0.0288	-0.0064	-0.0073	F-837	
0.0110	0.0295	0.0164	0.0267	0.0385	0.0322	0.0161	0.0266	0.0218	-0.0046	0.0089	0.0026	-0.0146	F-838	

TABLE 6.4 (continued)

			P-705	P-706	P-707	P-708	P-709	P-710	P-711	P-712	P-713	P-714
INFORMATION TEST I	R-101	SCREENING	0.0119	0.0468	0.0306	0.0326	0.0181	0.0056	-0.0101	-0.0109	-0.0347	-0.0055
	R-102	VOCABULARY I	0.0534	0.2905	0.2341	0.1195	0.1534	0.0465	-0.0069	-0.1226	-0.3340	0.1011
	R-103	LITERATURE	0.0701	0.3192	0.2525	0.1203	0.1476	0.0437	-0.0101	-0.1792	-0.3697	0.0705
	R-104	MUSIC	0.0800	0.2858	0.3487	0.1082	0.1125	0.0375	-0.0070	-0.1550	-0.2947	0.0442
	R-105	SOCIAL STUDIES	0.0679	0.2500	0.2033	0.1236	0.1278	0.0613	0.0128	-0.0777	-0.3104	0.0836
	R-106	MATHEMATICS	0.1197	0.2261	0.2356	0.1448	0.1046	0.0604	-0.0145	-0.0116	-0.3646	0.1195
	R-107	PHYSICAL SCIENCES	0.0657	0.2598	0.2309	0.1350	0.1651	0.0216	-0.0361	-0.0852	-0.3664	0.1555
	R-108	BIOLOGICAL SCIENCES	0.0292	0.2731	0.1974	0.0997	0.1888	-0.0017	-0.0330	-0.1091	-0.2899	0.1124
	R-109	SCIENTIFIC ATTITUDE	0.0308	0.2005	0.1323	0.0938	0.1199	0.0427	-0.0011	-0.0642	-0.2078	0.0611
	R-110	AERONAUTICS AND SPACE	-0.0257	0.1855	0.1370	0.0728	0.1431	-0.0081	-0.0258	-0.0988	-0.2129	0.1126
	R-111	ELECTRICITY,ELECTRONICS	0.0122	0.1544	0.1285	0.0823	0.1168	0.0112	-0.0186	-0.0102	-0.1993	0.1595
	R-112	MECHANICS	-0.0225	0.1537	0.0924	0.0942	0.1570	-0.0015	-0.0179	-0.0094	-0.1522	0.1564
	R-113	FARMING	-0.0124	0.1608	0.1148	0.0879	0.1604	-0.0191	-0.0271	-0.0475	-0.1362	0.0815
	R-114	HOME ECONOMICS	0.0225	0.1341	0.0616	0.0300	0.0751	0.0022	-0.0067	-0.0010	-0.0910	0.0692
	R-115	SPORTS	0.0426	0.1405	0.1128	0.2467	0.1211	0.0593	0.0151	-0.0490	-0.1918	0.0676
INFORMATION TEST II	R-131	ART	0.0181	0.3299	0.1885	0.0908	0.1366	0.0403	0.0200	-0.1614	-0.3050	0.0626
	R-132	LAW	0.0423	0.2099	0.1563	0.0863	0.1012	0.0628	0.0294	-0.0720	-0.2224	0.0850
	R-133	HEALTH	0.0489	0.1760	0.1180	0.0592	0.0787	0.0098	-0.0210	-0.0862	-0.1979	0.0372
	R-134	ENGINEERING	0.0209	0.1641	0.1055	0.0889	0.1178	0.0286	0.0041	-0.0249	-0.1313	0.1048
	R-135	ARCHITECTURE	0.0316	0.2264	0.1542	0.0717	0.0863	0.0376	0.0100	-0.1096	-0.2244	0.0625
	R-136	JOURNALISM	0.0554	0.1838	0.1356	0.0739	0.0557	0.0692	0.0300	-0.0620	-0.1795	0.0423
	R-137	FOREIGN TRAVEL	0.0258	0.2519	0.1713	0.0936	0.1311	0.0347	0.0002	-0.1382	-0.2755	0.0635
	R-138	MILITARY	0.0338	0.1562	0.1269	0.0941	0.0805	0.0482	0.0104	-0.0807	-0.2005	0.0481
	R-139	ACCOUNTING,BUSINESS,SALES	0.0173	0.1624	0.0958	0.0482	0.0398	0.0936	0.0519	0.0252	-0.1231	0.0342
	R-140	PRACTICAL KNOWLEDGE	0.0240	0.1055	0.0542	0.0814	0.0635	0.0312	0.0102	-0.0217	-0.0965	0.0153
	R-141	CLERICAL	0.0106	0.0169	0.0034	0.0269	-0.0081	0.0253	-0.0061	0.0416	0.0514	-0.0122
	R-142	BIBLE	0.1175	0.2202	0.2452	0.0828	0.1195	0.0307	-0.0369	-0.0892	-0.2186	0.0888
	R-143	COLORS	0.0235	0.2127	0.1372	0.0453	0.0551	0.0220	-0.0006	-0.0736	-0.1649	0.0182
	R-144	ETIQUETTE	0.0323	0.1030	0.0875	0.0581	0.0542	0.0091	-0.0148	-0.0220	-0.1006	0.0082
	R-145	HUNTING	-0.0428	0.0023	-0.0135	0.0180	0.0781	-0.0276	-0.0269	0.0041	0.0078	0.0288
	R-146	FISHING	-0.0109	0.0458	0.0118	0.0477	0.0947	0.0024	0.0104	0.0102	0.0045	0.0438
	R-147	OUTDOOR ACTIVITIES(OTHER)	0.0336	0.1728	0.1245	0.1523	0.1572	0.0216	-0.0182	-0.0809	-0.2036	0.0835
	R-148	PHOTOGRAPHY	0.0137	0.0793	0.0409	0.0351	0.0461	0.0163	0.0136	-0.0169	-0.0610	0.0293
	R-149	GAMES(SEDENTARY)	0.0117	0.1089	0.0906	0.0804	0.0713	0.0205	0.0070	-0.0190	-0.1288	0.0503
	R-150	THEATER,BALLET	0.0532	0.2525	0.1953	0.0962	0.0871	0.0640	0.0190	-0.1560	-0.2676	0.0260
	R-151	FOODS	0.0302	0.1744	0.1086	0.0520	0.0538	0.0365	0.0188	-0.1408	-0.2450	0.0030
	R-152	MISCELLANEOUS	0.0437	0.2038	0.1641	0.1046	0.1026	0.0405	-0.0020	-0.0692	-0.2319	0.0735
	R-162	VOCABULARY II	0.0381	0.2440	0.1687	0.0954	0.1058	0.0555	0.0134	-0.0685	-0.2120	0.0634
	R-211	MEMORY FOR SENTENCES	0.0406	0.0915	0.0640	0.0524	0.0498	0.0358	-0.0016	0.0220	-0.0768	0.0495
	R-212	MEMORY FOR WORDS	0.0620	0.1845	0.1655	0.0905	0.0718	0.0295	-0.0190	-0.0504	-0.1585	0.0410
	R-220	DISGUISED WORDS	0.0293	0.1756	0.1604	0.0862	0.0765	0.0309	-0.0311	-0.0721	-0.1242	0.0296
ENGLISH TEST	R-231	SPELLING	0.0571	0.1075	0.1342	0.0669	0.0065	0.0472	-0.0286	-0.0108	-0.0601	0.0009
	R-232	CAPITALIZATION	0.0343	0.0908	0.0737	0.0676	0.0376	0.0295	-0.0042	-0.0021	-0.0589	0.0162
	R-233	PUNCTUATION	0.0741	0.1999	0.1998	0.1011	0.0707	0.0454	-0.0250	0.0032	-0.1484	0.0393
	R-234	USAGE	0.0465	0.1785	0.1798	0.0743	0.0562	0.0214	-0.0299	-0.0609	-0.1763	0.0320
	R-235	EFFECTIVE EXPRESSION	0.0483	0.1730	0.1397	0.0778	0.0661	0.0208	-0.0212	-0.0814	-0.1547	0.0186
	R-240	WORD FUNCTIONS IN SENTENCES	0.1129	0.2271	0.2198	0.1175	0.0827	0.0520	-0.0224	-0.0153	-0.2145	0.0529
	R-250	READING COMPREHENSION	0.0707	0.2923	0.2225	0.1298	0.1548	0.0558	-0.0076	-0.1146	-0.2958	0.0818
	R-260	CREATIVITY	0.0304	0.2283	0.1481	0.0979	0.1305	0.0399	-0.0075	-0.0396	-0.1836	0.1039
	R-270	MECHANICAL REASONING	-0.0233	0.2314	0.1648	0.1299	0.1838	-0.0008	-0.0299	-0.0136	-0.2021	0.1697
	R-281	VISUALIZATION IN 2-DIMENSIONS	-0.0294	0.1327	0.0758	0.0784	0.0956	-0.0179	-0.0417	0.0297	-0.0770	0.0750
	R-282	VISUALIZATION IN 3-DIMENSIONS	-0.0135	0.2504	0.1421	0.0777	0.1332	0.0062	-0.0058	0.0477	-0.1315	0.1371
MATH TEST	R-290	ABSTRACT REASONING	0.0399	0.2368	0.1616	0.1062	0.1196	0.0435	-0.0146	0.0126	-0.1622	0.0793
	R-311	ARITHMETIC REASONING	0.0685	0.1882	0.1583	0.1053	0.0752	0.0653	0.0089	0.0696	-0.1858	0.0864
	R-312	INTRODUCTORY HIGH SCHOOL MATH	0.1179	0.1921	0.2030	0.1383	0.0901	0.0589	-0.0184	0.0487	-0.2965	0.1118
	R-333	ADVANCED MATH	0.0712	0.1609	0.1653	0.1119	0.082[illegible]	0.0437	-0.0127	0.0310	-0.2686	0.1079
	F-410	ARITHMETIC COMPUTATION	0.0617	0.0321	0.0604	0.0816	-0.0095	0.0380	-0.0249	0.1366	-0.0144	0.0016
	F-420	TABLE READING	-0.0051	-0.0213	-0.0204	0.0207	-0.0017	0.0196	-0.0051	0.0616	0.0465	-0.0057
	F-430	CLERICAL CHECKING	0.0303	0.0331	0.0249	0.0556	0.0112	0.0340	-0.0129	0.0476	0.0199	-0.0091
	F-440	OBJECT INSPECTION	-0.0044	0.0981	0.0372	0.0593	0.0657	0.0088	-0.0050	0.0087	-0.0458	0.0191
	A-410	ARITHMETIC COMPUTATION	0.0821	0.0383	0.0774	0.1067	0.0065	0.0649	-0.0058	0.1658	-0.0279	0.0253
	A-420	TABLE READING	0.0028	-0.0287	-0.0101	0.0369	-0.0041	0.0263	-0.0005	0.0855	0.0320	0.0103
	A-430	CLERICAL CHECKING	0.0212	0.0030	0.0125	0.0398	-0.0004	0.0486	0.0104	0.0566	0.0181	0.0109
	A-440	OBJECT INSPECTION	-0.0027	0.0768	0.0256	0.0607	0.0584	0.0176	0.0078	0.0173	-0.0299	0.0285
	A-500	PREFERENCES	-0.0092	-0.0426	-0.0380	0.0085	-0.0036	0.0205	0.0087	0.0244	0.0252	0.0010
INTEREST INVENTORY	P-701	PHYSICAL SCIENCE,ENGRNG.,MATH	0.2603	0.4152	0.3487	0.3797	0.3497	0.3265	0.2255	0.2869	-0.1606	0.6324
	P-702	BIOLOGICAL SCIENCE & MEDICINE	0.3625	0.3646	0.3169	0.3249	0.3225	0.2090	0.1101	-0.0253	-0.2803	0.4071
	P-703	PUBLIC SERVICE	0.3703	0.3643	0.2897	0.3439	0.2344	0.6027	0.4228	0.1912	-0.0472	0.3462
	P-704	LITERARY,LINGUISTICS	0.4689	0.6576	0.5818	0.3632	0.2980	0.4934	0.3758	0.0576	-0.1132	0.3200
	P-705	SOCIAL SERVICE	1.0000	0.2601	0.3071	0.3206	0.1532	0.4558	0.3449	0.2109	0.1281	0.2399
	P-706	ARTISTIC	0.2601		0.5506	0.3397	0.3607	0.3373	0.2831	-0.0128	-0.1381	0.3485
	P-707	MUSICAL	0.3071	0.5506		0.3008	0.2621	0.2367	0.1607	0.0109	-0.1012	0.2561
	P-708	SPORTS	0.3206	0.3397	0.3008		0.5153	0.3424	0.2510	0.1255	0.0201	0.4285
	P-709	HUNTING & FISHING	0.1532	0.3607	0.2621	0.5153		0.1984	0.1814	0.0157	-0.0759	0.4253
	P-710	BUSINESS MANAGEMENT	0.4558	0.3373	0.2367	0.3424	0.1984		0.6564	0.4241	0.2729	0.4022
	P-711	SALES	0.3449	0.2831	0.1607	0.2510	0.1814	0.6564		0.3824	0.2890	0.3724
	P-712	COMPUTATION	0.2109	-0.0128	0.0109	0.1255	0.0157	0.4241	0.3824		0.5888	0.2925
	P-713	OFFICE WORK	0.1281	-0.1381	-0.1012	0.0201	-0.0759	0.2729	0.2890	0.5888		0.1016
	P-714	MECHANICAL,TECHNICAL	0.2399	0.3485	0.2561	0.4285	0.4253	0.4022	0.3724	0.2925	0.1016	
	P-715	SKILLED TRADES	0.2704	0.3036	0.1997	0.3796	0.3693	0.4004	0.4278	0.2864	0.2616	0.7405
	P-716	FARMING	0.2173	0.3548	0.2594	0.4689	0.6199	0.2222	0.2310	0.0675	-0.0251	0.5051
	P-717	LABOR	0.2425	0.1712	0.1455	0.3051	0.3038	0.3597	0.3972	0.2446	0.2548	0.5422
STDNT ACTIV INVEN	R-601	SOCIABILITY	0.1824	-0.0223	-0.0091	0.1349	-0.0001	0.1538	0.0881	0.0268	0.0860	-0.0484
	R-602	SOCIAL SENSITIVITY	0.2226	0.1388	0.1353	0.0741	0.0286	0.1262	0.0582	-0.0004	-0.0160	-0.0050
	R-603	IMPULSIVENESS	-0.0279	0.1120	0.0560	0.0708	0.1019	0.0554	0.0273	-0.1090	-0.1291	0.0433
	R-604	VIGOR	0.1479	0.0860	0.1068	0.2985	0.1679	0.1266	0.0324	0.0096	-0.0397	0.0748
	R-605	CALMNESS	0.1550	0.0887	0.0968	0.0785	0.0441	0.1051	0.0359	0.0643	-0.0177	0.0330
	R-606	TIDINESS	0.1136	0.0224	0.0264	-0.0010	-0.0578	0.0885	0.0213	0.1066	0.1175	-0.0551
	R-607	CULTURE	0.2115	0.2623	0.2652	0.0723	0.0305	0.1473	0.0676	-0.0174	-0.0984	-0.0146
	R-608	LEADERSHIP	0.2123	0.1352	0.1733	0.1581	0.0703	0.2123	0.0784	0.0309	-0.0867	0.0319
	R-609	SELF-CONFIDENCE	0.1166	0.0904	0.1042	0.1160	0.0544	0.1333	0.0463	0.0087	-0.0845	0.0113
	R-610	MATURE PERSONALITY	0.2182	0.1165	0.1623	0.1003	0.0289	0.1706	0.0443	0.1171	-0.0219	0.0424
STUDENT INFO BLANK SCALES	D-802	HS CURRIC-ACAD VS OTHER	0.1915	0.2108	0.2328	0.1445	0.1020	0.0607	-0.0022	-0.1383	-0.4176	0.0637
	F-803	HS COURSES(ACAD ORIENT)	0.1583	0.2243	0.2241	0.1473	0.1091	0.0610	-0.0053	-0.1031	-0.4207	0.0947
	P-820	HIGH SCHOOL GRADES	0.1516	0.1428	0.1739	0.0996	0.0101	0.1370	0.0101	0.1143	-0.0974	0.0657
	F-822	GUIDANCE RECD IN HS	0.1722	0.1181	0.1199	0.1196	0.0651	0.1417	0.0727	0.0204	-0.0839	0.0591
	F-823	GUIDANCE RECD ELSEWHERE	0.1970	0.1232	0.1221	0.1134	0.0541	0.1185	0.0669	0.0177	-0.0796	0.0320
	P-827	STUDY HABITS & ATTITUDES	0.2036	0.1010	0.1570	0.0498	-0.0080	0.1075	0.0236	0.1152	-0.0513	0.0066
	P-828	SELF-PERCEP OF WRTG SKILLS	0.1457	0.2281	0.2351	0.0653	0.0452	0.1146	0.0280	-0.0649	-0.1594	0.0141
	P-829	SELF-PERCEP OF RDNG SKILLS	0.0671	0.1517	0.1410	0.0477	0.0546	0.0813	0.0136	-0.0396	-0.1607	0.0328
	F-830	AMT OF EX-CURR RDNG	0.0662	0.2224	0.1955	0.0743	0.1010	0.0703	0.0296	-0.0637	-0.2088	0.0850
	P-831	VAR OF EX-CURR GRP ACT	0.2018	0.1661	0.1910	0.1616	0.0909	0.1762	0.1216	0.0514	-0.0498	0.0970
	F-832	VAR PARTIC IN EX-CURR GRP ACT	0.2562	0.1867	0.2436	0.1893	0.0998	0.1924	0.1152	0.0507	-0.0592	0.0808
	P-833	VARIETY OF HOBBIES	0.1[illegible]24	0.2466	0.1838	0.2105	0.2526	0.1353	0.1267	0.0945	-0.0253	0.2802
	F-834	DEGREE OF ACT IN HOBBIES	0.1565	0.2793	0.2269	0.1760	0.2417	0.1164	0.1079	0.0642	-0.0271	0.1960
	F-835	PARTICIPATION IN SPORTS	0.1027	0.1201	0.0833	0.4496	0.2736	0.1765	0.0658	0.0183	-0.0574	0.1525
	F-836	LEADERSHIP ROLES	0.1374	0.0915	0.1032	0.1713	0.0762	0.0996	0.0279	0.0023	-0.0707	0.0273
	F-837	SOCIAL LIFE	-0.0165	0.0366	-0.0551	0.0480	0.0204	0.0659	0.0484	0.0023	0.064[illegible]	-0.0322
	F-838	WORK ACTIVITIES	0.0594	-0.0223	-0.0061	0.0379	0.0233	0.0484	0.0454	0.0998	0.0996	0.0399

TABLE 6.4 (continued)

P-715	P-716	P-717	R-601	R-602	R-603	R-604	R-605	R-606	R-607	R-608	R-609	R-610		
-0.0246	0.0190	-0.0181	0.0556	0.0734	0.0461	0.0524	0.0691	0.0686	0.0891	0.0237	0.0622	0.0885		R-101
-0.0417	0.1518	-0.0413	-0.0793	0.1039	0.1273	0.0600	0.1236	0.0020	0.1678	0.1131	0.1292	0.2151		R-102
-0.0652	0.1356	-0.0638	-0.0833	0.1007	0.1414	0.0395	0.0906	-0.0388	0.1805	0.1043	0.1107	0.1760		R-103
-0.0631	0.1037	-0.0563	-0.0257	0.1134	0.1207	0.0791	0.1086	0.0169	0.2163	0.1410	0.1341	0.1790		R-104
-0.0463	0.1416	-0.0378	-0.1033	0.0644	0.1067	0.0359	0.0929	-0.0289	0.1422	0.1010	0.1015	0.1967		R-105
-0.0434	0.0970	-0.0372	-0.0655	0.0861	0.0841	0.0909	0.1322	0.0002	0.1784	0.1718	0.1382	0.2441		R-106
-0.0179	0.1647	-0.0167	-0.1008	0.0659	0.0952	0.0800	0.1197	-0.0281	0.1482	0.1387	0.1294	0.2119		R-107
-0.0022	0.1960	-0.0119	-0.1008	0.0602	0.0923	0.0562	0.0926	-0.0360	0.1307	0.0981	0.0948	0.1649		R-108
-0.0263	0.1214	-0.0197	-0.0354	0.0811	0.0866	0.0492	0.0835	-0.0193	0.1080	0.0797	0.0935	0.1388		R-109
-0.0150	0.1452	-0.0188	-0.0935	0.0272	0.0867	0.0206	0.0577	-0.0623	0.0648	0.0429	0.0940	0.1017	INFORMATION TEST I	R-110
0.0190	0.1262	0.0044	-0.0758	0.0374	0.0625	0.0599	0.1034	-0.0032	0.0956	0.0743	0.1011	0.1708		R-111
0.0672	0.1898	0.0442	-0.0813	-0.0008	0.0833	0.0783	0.0808	-0.0363	0.0561	0.0494	0.0948	0.1399		R-112
0.0487	0.1986	0.0619	-0.0772	0.0060	0.0711	0.0565	0.0705	-0.0303	0.0615	0.0416	0.0668	0.1261		R-113
0.0678	0.1135	0.0640	-0.0335	0.0404	0.0578	0.0469	0.0873	0.0239	0.0848	0.0540	0.0774	0.1278		R-114
-0.0156	0.1172	-0.0066	0.0031	0.0226	0.0948	0.1340	0.0760	-0.0248	0.0845	0.1116	0.1101	0.1383		R-115
-0.0527	0.1241	-0.0667	-0.0459	0.1085	0.1452	0.0330	0.0821	-0.0182	0.1639	0.0826	0.1156	0.1357		R-131
-0.0227	0.1184	-0.0224	-0.0809	0.0574	0.1063	0.0151	0.0694	-0.0417	0.0984	0.0677	0.0911	0.1392		R-132
-0.0446	0.0757	-0.0458	-0.0152	0.1068	0.0690	0.0672	0.0960	0.0373	0.1267	0.0691	0.0928	0.1519		R-133
0.0391	0.1348	0.0251	-0.0229	0.0443	0.0572	0.0780	0.0973	0.0174	0.0816	0.0480	0.0818	0.1195		R-134
-0.0156	0.0864	-0.0169	-0.0506	0.0499	0.0706	0.0294	0.0693	-0.0075	0.1249	0.0689	0.0818	0.1097		R-135
-0.0367	0.0609	-0.0386	-0.0184	0.0798	0.0900	0.0470	0.0756	0.0079	0.1137	0.0948	0.0888	0.1367		R-136
-0.0416	0.1299	-0.0337	-0.0812	0.0594	0.1178	0.0295	0.0566	-0.0253	0.1185	0.0608	0.0824	0.1325		R-137
-0.0360	0.0701	-0.0432	-0.0383	0.0410	0.0974	0.0298	0.0609	-0.0347	0.0954	0.0727	0.0893	0.0982		R-138
-0.0427	0.0663	-0.0397	-0.0452	0.0672	0.1067	0.0162	0.0709	-0.0087	0.0940	0.0615	0.0818	0.1579		R-139
-0.0433	0.0584	-0.0466	0.0407	0.0714	0.0683	0.0784	0.0876	0.0377	0.1013	0.0682	0.0894	0.1111		R-140
-0.0312	-0.0113	-0.0308	0.0492	0.0537	0.0560	0.0524	0.0797	0.0719	0.0561	0.0373	0.0618	0.1056		R-141
0.0018	0.1340	0.0032	-0.0896	0.0672	0.1076	0.0239	0.0715	-0.0584	0.1273	0.0943	0.1061	0.1458		R-142
-0.0323	0.0439	-0.0436	0.0062	0.0334	0.0823	0.0391	0.0674	0.0317	0.1393	0.0942	0.0329	0.1154		R-143
-0.0177	0.0519	0.0032	0.0024	0.0485	0.0392	0.0558	0.0788	0.0357	0.0929	0.0651	0.0775	0.0866	INFORMATION TEST II	R-144
0.0260	0.0830	0.0308	-0.0015	0.0031	0.0385	0.0403	0.0244	-0.0162	0.0029	0.0021	0.0143	0.0187		R-145
0.0350	0.0608	0.0212	-0.0222	-0.0042	0.0123	0.0390	0.0245	-0.0020	0.0117	0.0131	0.0162	0.0382		R-146
0.0070	0.1639	0.0045	-0.0087	0.0597	0.0881	0.1166	0.0922	-0.0102	0.1091	0.0873	0.1107	0.1232		R-147
-0.0155	0.0483	-0.0189	0.0334	0.0710	0.0513	0.0466	0.0761	0.0306	0.0706	0.0479	0.0703	0.0954		R-148
-0.0230	0.0697	-0.0204	-0.0095	0.0290	0.0873	0.0669	0.0467	-0.0262	0.0611	0.0704	0.0650	0.0769		R-149
-0.0718	0.0878	-0.0564	-0.0147	0.1150	0.1445	0.0608	0.0837	-0.0033	0.1544	0.1003	0.1200	0.1491		R-150
-0.0806	0.0429	-0.0778	0.0312	0.1057	0.1087	0.0474	0.0721	0.0160	0.1426	0.0926	0.0920	0.1099		R-151
-0.0356	0.0916	-0.0342	-0.0297	0.0832	0.0991	0.0676	0.0962	-0.0082	0.1247	0.1032	0.1177	0.1597		R-152
-0.0369	0.1079	-0.0421	-0.0386	0.1017	0.1106	0.0586	0.0987	0.0012	0.1326	0.0865	0.1074	0.1648		R-162
-0.0041	0.0433	-0.0116	-0.0205	0.0358	0.0126	0.0376	0.0430	0.0186	0.0573	0.0527	0.0638	0.0837		R-211
-0.0324	0.0702	-0.0198	-0.0183	0.0643	0.0459	0.0557	0.0550	0.0062	0.1139	0.0903	0.0760	0.1290		R-212
-0.0569	0.0344	-0.0489	0.0599	0.1515	0.1172	0.1021	0.1112	0.0717	0.1561	0.1227	0.1324	0.1858		R-220
-0.0488	-0.0152	-0.0378	0.0074	0.0867	0.0337	0.0568	0.0767	0.0928	0.1277	0.0897	0.0764	0.1798		R-231
-0.0199	0.0407	-0.0151	0.0148	0.0652	0.0192	0.0589	0.0683	0.0504	0.0878	0.0544	0.0592	0.1065		R-232
-0.0335	0.0723	-0.0178	-0.0365	0.0859	0.0313	0.0566	0.1016	0.0464	0.1482	0.1053	0.1047	0.2137	ENGLISH TEST	R-233
-0.0401	0.0602	-0.0369	-0.0348	0.0939	0.0502	0.0545	0.0888	0.0281	0.1289	0.0914	0.1014	0.1665		R-234
-0.0356	0.0673	-0.0291	-0.0252	0.0775	0.0357	0.0447	0.0658	0.0165	0.1077	0.0712	0.0699	0.1202		R-235
-0.0329	0.0750	-0.0244	-0.0338	0.0937	0.0439	0.0636	0.1111	0.0256	0.1580	0.1347	0.1182	0.2195		R-240
-0.0462	0.1536	-0.0469	-0.0703	0.1029	0.1216	0.0579	0.0989	-0.0163	0.1487	0.0995	0.1175	0.1909		R-250
0.0030	0.1407	-0.0061	-0.0251	0.0808	0.1003	0.0816	0.1112	0.0037	0.1296	0.0995	0.1286	0.1778		R-260
0.0602	0.2019	0.0385	-0.0784	0.0182	0.0783	0.0700	0.0675	-0.0494	0.0526	0.0540	0.0899	0.0997		R-270
0.0226	0.0891	0.0012	-0.0219	0.0239	0.0513	0.0642	0.0598	0.0116	0.0430	0.0511	0.0651	0.0853		R-281
0.0790	0.1570	0.0352	-0.0831	-0.0017	0.0554	0.0310	0.0610	-0.0243	0.0631	0.0477	0.0625	0.1000		R-282
0.0055	0.1146	-0.0107	-0.0356	0.0513	0.0437	0.0543	0.0765	0.0057	0.0980	0.0721	0.0917	0.1277		R-290
-0.0120	0.1022	0.0011	-0.0667	0.0539	0.0650	0.0436	0.1035	-0.0059	0.1096	0.1001	0.0989	0.2043		R-311
-0.0385	0.0901	-0.0310	-0.0622	0.0669	0.0606	0.0847	0.1255	0.0094	0.1522	0.1503	0.1234	0.2393		R-312
-0.0315	0.0770	-0.0313	-0.0601	0.0505	0.0497	0.0641	0.0936	-0.0106	0.1151	0.1187	0.0995	0.1854		R-333
-0.0533	-0.0105	-0.0322	0.0295	0.0589	0.0045	0.0775	0.1095	0.0966	0.0851	0.0772	0.1425	0.1889	MATH TEST	F-410
-0.0240	-0.0265	-0.0336	0.0649	0.0399	0.0368	0.0626	0.0583	0.0667	0.0305	0.0468	0.0728	0.0753		F-420
-0.0357	-0.0265	-0.0408	0.0776	0.0864	0.0539	0.0909	0.0892	0.0962	0.0901	0.0929	0.0910	0.1275		F-430
-0.0225	0.0497	-0.0387	0.0590	0.0604	0.0470	0.0870	0.0614	0.0614	0.0732	0.0764	0.0767	0.0739		F-440
-0.0428	-0.0102	-0.0239	0.0699	0.0897	0.0354	0.1261	0.1496	0.1229	0.1337	0.1630	0.1258	0.2541		A-410
-0.0188	-0.0360	-0.0262	0.0784	0.0523	0.0486	0.0849	0.0822	0.0737	0.0510	0.0833	0.0869	0.1089		A-420
-0.0131	-0.0412	-0.0294	0.0997	0.0840	0.0759	0.1069	0.0894	0.0966	0.0937	0.1266	0.0932	0.1276		A-430
-0.0080	0.0387	-0.0296	0.0795	0.0695	0.0592	0.1003	0.0762	0.0650	0.0793	0.0960	0.0849	0.0804		A-440
-0.0156	-0.0302	-0.0321	0.0949	0.0670	0.1268	0.0913	0.0837	0.0608	0.0550	0.0855	0.0768	0.0850		A-500
0.3301	0.3460	0.2117	-0.0628	0.0662	0.0601	0.1170	0.1250	-0.0092	0.1244	0.1499	0.1091	0.1900		P-701
0.1837	0.2882	0.0937	0.0361	0.1371	0.0719	0.1701	0.1445	0.0279	0.1758	0.1749	0.1270	0.1739		P-702
0.2436	0.2242	0.1840	0.0762	0.1016	0.0938	0.1233	[illegible]	0.0261	0.1729	0.2266	0.1456	0.1626		P-703
0.2373	0.2823	0.1823	0.0191	0.1955	0.1457	[illegible]	0.1264	0.0225	0.2887	0.2379	0.1639	0.2232		P-704
0.2704	0.2173	0.2425	0.1824	0.2226	-0.0279	[illegible]	0.1550	0.1136	0.2115	0.2123	0.1166	0.2162		P-705
0.3036	0.3548	0.1712	-0.0223	0.1338	0.1120	[illegible]	0.0887	0.0224	0.2623	0.1352	[illegible]	[illegible]		P-706
0.1997	0.2594	0.1455	-0.0091	0.1353	0.0560	0.1068	0.0968	0.0264	0.2652	0.1735	0.1042	0.1623		P-707
0.3796	0.4689	0.3051	0.1349	0.0741	0.0798	0.2985	0.0785	-0.0010	0.0723	0.1581	0.1160	0.1003	INTEREST INVENTORY	P-708
0.3693	0.6199	0.3038	-0.0001	0.0286	0.1019	0.1679	0.0441	-0.0578	0.0305	0.0703	0.0544	0.0289		P-709
0.4004	0.2222	0.3597	0.1538	0.1262	0.0554	0.1266	0.1051	0.0885	0.1473	0.2123	[illegible]	0.1706		P-710
0.4278	0.2310	0.3972	0.0881	0.0582	0.0273	0.0324	0.0359	0.0213	0.0676	0.0784	0.0463	[illegible]		P-711
0.2864	0.0675	0.2446	0.0268	-0.0004	-0.1290	0.0096	0.0643	0.1066	-0.0174	0.0309	[illegible]	[illegible]		P-712
0.2616	-0.0251	0.2548	0.0860	-0.0160	-0.1291	-0.0397	-0.0177	0.1175	-0.0984	-0.0867	-0.0845	-0.0219		P-713
0.7405	0.5051	0.5422	-0.0484	-0.0050	0.0433	0.0748	0.0330	-0.0551	[illegible]	0.0319	0.0113	0.0424		P-714
1.0000	0.5223	0.7418	-0.0440	-0.0421	0.0013	0.0264	-0.0223	-0.0474	-0.0642	-0.0178	-0.0551	-0.0223		P-715
0.5223		0.4583	-0.0770	0.0044	0.0612	0.1264	0.0333	-0.0840	-0.0081	0.0215	0.0042	0.0356		P-716
0.7418	0.4583		-0.0477	-0.0483	0.0084	0.0049	-0.0330	-0.0624	-0.0992	-0.0259	-0.0675	-0.0320		P-717
-0.0440	-0.0770	-0.0477		0.4422	0.1608	0.4819	0.3272	0.2795	0.3344	0.3427	0.3900	0.3068		R-601
-0.0421	0.0044	-0.0483	0.4422		0.1023	0.3395	0.5234	0.3974	0.5433	0.3446	0.2814	0.4874		R-602
0.0013	0.0612	0.0084	0.1608	0.1023		0.2055	0.0194	-0.0668	0.0917	0.1903	0.1286	0.0710		R-603
0.0264	0.1264	0.0049	0.4819	0.3395	0.2055		0.3402	0.2814	0.3722	0.4185	0.3488	0.4350		R-604
-0.0223	0.0333	-0.0330	0.3272	0.5234	0.0194	0.3402		0.4346	0.4877	0.3479	0.4251	0.5383		R-605
-0.0474	-0.0840	-0.0624	0.2795	0.3974	-0.0668	0.2814	0.4346		0.4992	0.2444	0.2111	0.5388	STDNT ACTIV INVEN	R-606
-0.0642	-0.0081	-0.0992	0.3344	0.5433	0.0917	0.3722	0.4877	0.4992		0.3988	0.3143	0.5477		R-607
-0.0178	0.0215	-0.0259	0.3427	0.3446	0.1903	0.4185	0.3479	0.2444	0.3988		0.3819	0.4696		R-608
-0.0551	0.0042	-0.0675	0.3900	0.2814	0.1286	0.3488	0.4251	0.2111	0.3143	0.3819		0.3970		R-609
-0.0223	0.0356	-0.0320	0.3068	0.4874	0.0710	0.4350	0.5383	0.5388	0.5477	0.4696	0.3970			R-610
-0.0661	0.0808	-0.0627	0.0197	0.1197	0.0748	0.1328	0.1338	0.0330	0.2258	0.1940	0.1517	0.1947		D-802
-0.0669	0.0896	-0.0649	-0.0003	0.1275	0.0810	0.1285	0.1463	0.0261	0.2161	0.1851	0.1564	0.2155		F-803
-0.0337	0.0028	-0.0537	0.0081	0.1227	0.0129	0.1317	0.1884	0.1531	0.2220	0.2752	0.1765	0.3874		F-820
0.0201	0.0516	0.0128	0.1210	0.1389	0.0383	0.1520	0.0975	0.0875	0.1692	0.1904	0.1283	0.1838		F-822
-0.0004	0.0641	-0.0175	0.1305	0.1434	0.0426	0.1571	0.1306	0.0932	0.1785	0.1720	0.1494	0.1874		F-823
-0.0620	0.0126	-0.0603	0.0599	0.1831	-0.0935	0.1621	0.2898	0.3124	0.3058	0.2246	0.2632	0.5052		P-827
-0.0550	0.0061	-0.0381	0.0708	0.1973	0.1085	0.1456	0.1972	0.1439	0.2758	0.2553	0.2653	0.3005	STUDENT INFO BLANK SCALES	P-828
-0.0614	0.0350	-0.0542	0.0187	0.1310	0.1190	0.1196	0.1901	0.0800	0.2104	0.1781	0.2799	0.2826		P-829
-0.0069	0.0912	-0.0058	-0.0559	0.0955	0.1583	0.0858	0.1118	-0.0055	0.1870	0.1319	0.1451	0.1741		F-830
0.0667	0.0534	0.0325	0.1849	0.1502	0.0731	0.2196	0.1416	0.0880	0.2304	0.2653	0.1714	0.1870		P-831
0.0490	0.0633	0.0196	0.2358	0.2043	0.0846	0.2934	0.1986	0.1349	0.3075	0.3682	0.2415	0.2828		F-832
0.2284	0.2706	0.1506	0.0508	0.1048	0.0351	0.1680	0.1112	0.0588	0.1533	0.1309	0.1027	0.1430		F-833
0.1895	0.2850	0.1256	0.0923	0.1713	0.0803	0.2268	0.1787	0.1374	0.2535	0.1980	0.1672	0.2473		F-834
0.0825	0.2337	0.0533	0.2023	0.1229	0.1151	0.3641	0.1186	0.0753	0.1241	0.1842	0.1647	0.1401		F-835
-0.0116	0.0561	-0.0364	0.1547	0.1336	0.0485	0.2409	0.1378	0.0706	0.1785	0.3294	0.1866	0.1820		F-836
-0.0288	-0.0614	-0.0333	0.2325	0.1154	0.1277	0.1318	0.0394	0.0740	0.0716	0.1059	0.1308	0.0280		F-837
0.0695	0.0433	0.0807	0.0718	0.0513	0.0356	0.0990	0.0524	0.0469	0.0176	0.0450	0.0428	0.0931		F-838

TABLE 6.4 (continued)

			D-802	F-803	P-820	F-822	F-823	P-827	P-828	P-829	F-830	P-831
INFORMATION TEST I	R-101	SCREENING	0.0965	0.1250	0.0973	0.0310	0.0746	0.0749	0.0755	0.1045	0.0568	0.0003
	R-102	VOCABULARY I	0.4670	0.5499	0.3657	0.1583	0.1935	0.2873	0.3271	0.3572	0.2851	0.0515
	R-103	LITERATURE	0.4677	0.5478	0.3565	0.1452	0.1806	0.2615	0.3163	0.3561	0.3431	0.0588
	R-104	MUSIC	0.4137	0.4671	0.2842	0.1715	0.1779	0.2246	0.3044	0.2847	0.2542	0.0906
	R-105	SOCIAL STUDIES	0.4352	0.5133	0.3965	0.1481	0.1880	0.2928	0.2872	0.3545	0.2958	0.0440
	R-106	MATHEMATICS	0.6265	0.7264	0.4451	0.1837	0.2039	0.3203	0.3004	0.2773	0.2598	0.1263
	R-107	PHYSICAL SCIENCES	0.5159	0.5992	0.3985	0.1622	0.1748	0.2735	0.2844	0.3001	0.2451	0.0910
	R-108	BIOLOGICAL SCIENCES	0.3645	0.4171	0.3022	0.1006	0.1373	0.2110	0.2418	0.2766	0.2450	0.0611
	R-109	SCIENTIFIC ATTITUDE	0.2901	0.3539	0.2519	0.0874	0.1532	0.1754	0.2144	0.2382	0.1807	0.0189
	R-110	AERONAUTICS AND SPACE	0.2101	0.2568	0.1645	0.0801	0.0586	0.1224	0.1590	0.2038	0.1923	0.0145
	R-111	ELECTRICITY,ELECTRONICS	0.2618	0.3362	0.2526	0.0922	0.0967	0.1794	0.1652	0.2099	0.1891	0.0350
	R-112	MECHANICS	0.1865	0.2297	0.1970	0.0720	0.1202	0.1502	0.1468	0.2097	0.1763	0.0110
	R-113	FARMING	0.1795	0.2020	0.2195	0.0636	0.1137	0.1699	0.1689	0.2312	0.1916	0.0341
	R-114	HOME ECONOMICS	0.1528	0.1790	0.1485	0.0911	0.1197	0.1241	0.1320	0.1444	0.1321	0.0064
	R-115	SPORTS	0.3011	0.3230	0.2363	0.1470	0.1329	0.1824	0.1789	0.2172	0.1867	0.0651
INFORMATION TEST II	R-131	ART	0.3389	0.4211	0.2518	0.1431	0.1582	0.1906	0.2765	0.3025	0.2762	0.0285
	R-132	LAW	0.2942	0.3487	0.2673	0.0943	0.1400	0.1944	0.2333	0.2766	0.2222	0.0274
	R-133	HEALTH	0.2703	0.3191	0.2344	0.0908	0.1348	0.1844	0.2102	0.2293	0.1641	0.0100
	R-134	ENGINEERING	0.1937	0.2307	0.1615	0.0778	0.1124	0.1290	0.1379	0.1488	0.1248	0.0226
	R-135	ARCHITECTURE	0.2699	0.3113	0.2162	0.1088	0.1175	0.1588	0.1988	0.2086	0.1953	0.0357
	R-136	JOURNALISM	0.2805	0.3391	0.2459	0.1171	0.1480	0.1817	0.2360	0.2512	0.1992	0.0362
	R-137	FOREIGN TRAVEL	0.3260	0.3923	0.2582	0.1281	0.1354	0.1913	0.2544	0.2944	0.2604	0.0127
	R-138	MILITARY	0.2631	0.3010	0.1848	0.1030	0.1110	0.1257	0.1704	0.2162	0.1951	0.0401
	R-139	ACCOUNTING,BUSINESS,SALES	0.1932	0.2698	0.2770	0.0893	0.1212	0.1983	0.2213	0.2629	0.1899	0.0068
	R-140	PRACTICAL KNOWLEDGE	0.1732	0.2118	0.1335	0.0812	0.1242	0.1236	0.1114	0.1360	0.1069	0.0152
	R-141	CLERICAL	0.0241	0.0479	0.1241	0.0254	0.0737	0.1006	0.0924	0.1517	0.0702	-0.0234
	R-142	BIBLE	0.2750	0.3132	0.3159	0.0534	0.1383	0.1764	0.2394	0.2988	0.2483	0.0579
	R-143	COLORS	0.2386	0.2826	0.2158	0.0917	0.1212	0.1405	0.2320	0.1875	0.1434	0.0489
	R-144	ETIQUETTE	0.1948	0.2182	0.1405	0.0704	0.1102	0.1170	0.1133	0.1142	0.0868	0.0426
	R-145	HUNTING	-0.0206	-0.0170	0.0104	0.0057	0.0141	0.0006	0.0168	0.0299	0.0649	-0.0145
	R-146	FISHING	-0.0038	-0.0163	0.0505	0.0020	0.0085	0.0260	0.0297	0.0397	0.0269	0.0114
	R-147	OUTDOOR ACTIVITIES(OTHER)	0.2740	0.3142	0.1792	0.1031	0.1260	0.1487	0.1488	0.1782	0.1609	0.0506
	R-148	PHOTOGRAPHY	0.1085	0.1367	0.1159	0.0473	0.0874	0.1080	0.1040	0.1172	0.0804	-0.0122
	R-149	GAMES(SEDENTARY)	0.1890	0.2302	0.1183	0.0759	0.0854	0.0830	0.1117	0.1314	0.1387	0.0266
	R-150	THEATER,BALLET	0.3531	0.4147	0.2509	0.1518	0.1575	0.2001	0.2852	0.3002	0.2583	0.0341
	R-151	FOODS	0.3050	0.3465	0.1352	0.1365	0.1327	0.1343	0.2056	0.1886	0.1652	0.0347
	R-152	MISCELLANEOUS	0.3272	0.3974	0.2687	0.1291	0.1412	0.1892	0.2524	0.2735	0.2354	0.0431
	R-162	VOCABULARY II	0.3090	0.3371	0.2880	0.1192	0.1663	0.2159	0.2689	0.2835	0.2087	0.0165
	R-211	MEMORY FOR SENTENCES	0.1451	0.1857	0.2121	0.0523	0.0730	0.1309	0.1173	0.1467	0.0569	0.0425
	R-212	MEMORY FOR WORDS	0.2720	0.3345	0.2937	0.0901	0.1277	0.1902	0.2129	0.1884	0.1171	0.0466
	R-220	DISGUISED WORDS	0.2303	0.3191	0.2923	0.1162	0.1322	0.1798	0.3361	0.2618	0.1860	0.0407
ENGLISH TEST	R-231	SPELLING	0.2330	0.2933	0.3301	0.0992	0.1093	0.2411	0.3035	0.2335	0.1395	0.0364
	R-232	CAPITALIZATION	0.1580	0.1876	0.1901	0.0625	0.1019	0.1629	0.1520	0.1314	0.0836	0.0251
	R-233	PUNCTUATION	0.3394	0.4193	0.4013	0.1167	0.1717	0.2996	0.3269	0.2396	0.1705	0.0457
	R-234	USAGE	0.2917	0.3566	0.3182	0.1068	0.1403	0.2374	0.2914	0.2264	0.1746	0.0477
	R-235	EFFECTIVE EXPRESSION	0.2529	0.2913	0.2342	0.0871	0.1296	0.1815	0.2204	0.1805	0.1246	0.0161
	R-240	WORD FUNCTIONS IN SENTENCES	0.4130	0.4893	0.4421	0.1381	0.1832	0.3060	0.3241	0.2477	0.1784	0.1019
	R-250	READING COMPREHENSION	0.4247	0.4972	0.3762	0.1427	0.2039	0.2814	0.3256	0.3725	0.2887	0.0367
	R-260	CREATIVITY	0.2629	0.3327	0.2866	0.1190	0.1494	0.2053	0.2443	0.2679	0.2135	0.0476
	R-270	MECHANICAL REASONING	0.2815	0.3501	0.2097	0.1050	0.1206	0.1232	0.1497	0.1406	0.1302	0.0314
	R-281	VISUALIZATION IN 2-DIMENSIONS	0.1429	0.1938	0.1396	0.0424	0.0831	0.0825	0.0847	0.0682	0.0779	-0.0073
	R-282	VISUALIZATION IN 3-DIMENSIONS	0.2168	0.2762	0.2085	0.0742	0.1192	0.1190	0.0987	0.0984	0.1197	0.0295
	R-290	ABSTRACT REASONING	0.2989	0.3905	0.2769	0.1021	0.1579	0.1855	0.1784	0.1499	0.1349	0.0398
MATH TEST	R-311	ARITHMETIC REASONING	0.3549	0.4520	0.3913	0.1152	0.1756	0.2681	0.2484	0.2436	0.1876	0.0515
	R-312	INTRODUCTORY HIGH SCHOOL MATH	0.5627	0.6695	0.4517	0.1661	0.2011	0.3219	0.2643	0.2560	0.2344	0.1037
	R-333	ADVANCED MATH	0.4742	0.5686	0.3558	0.1285	0.1459	0.2466	0.2073	0.1901	0.1819	0.0952
	F-410	ARITHMETIC COMPUTATION	0.2193	0.2724	0.2957	0.0690	0.1281	0.2443	0.1695	0.1581	0.0881	-0.0010
	F-420	TABLE READING	0.0245	0.0508	0.0799	0.0099	0.0402	0.0529	0.0293	0.0469	0.0207	0.0064
	F-430	CLERICAL CHECKING	0.0832	0.1259	0.1644	0.0443	0.0546	0.0961	0.1244	0.1116	0.0866	0.0414
	F-440	OBJECT INSPECTION	0.0935	0.1324	0.0993	0.0412	0.0772	0.0590	0.0588	0.0460	0.0471	0.0307
	A-410	ARITHMETIC COMPUTATION	0.2453	0.2882	0.3562	0.0984	0.1435	0.2404	0.1783	0.1792	0.1072	0.0764
	A-420	TABLE READING	0.0488	0.0745	0.1309	0.0264	0.0363	0.0555	0.0462	0.0598	0.0338	0.0511
	A-430	CLERICAL CHECKING	0.0404	0.0597	0.1324	0.0387	0.0265	0.0378	0.0806	0.0768	0.0555	0.0928
	A-440	OBJECT INSPECTION	0.0702	0.0946	0.0819	0.0441	0.0612	0.0350	0.0371	0.0354	0.0424	0.0580
	A-500	PREFERENCES	-0.0587	-0.0702	0.0360	-0.0057	-0.0040	-0.0385	-0.0087	0.0692	0.0729	0.0563
INTEREST INVENTORY	P-701	PHYSICAL SCIENCE,ENGRNG.,MATH	0.3186	0.3368	0.2837	0.1350	0.1195	0.1988	0.1505	0.1853	0.2303	0.1596
	P-702	BIOLOGICAL SCIENCE & MEDICINE	0.3557	0.3776	0.1889	0.1627	0.1532	0.1735	0.1702	0.1617	0.2028	0.1891
	P-703	PUBLIC SERVICE	0.2100	0.2160	0.1831	0.1432	0.1219	0.1471	0.1719	0.1733	0.1844	0.1951
	P-704	LITERARY,LINGUISTICS	0.3068	0.3230	0.2778	0.1861	0.1752	0.2274	0.4332	0.3139	0.3594	0.2271
	P-705	SOCIAL SERVICE	0.1915	0.1583	0.1516	0.1722	0.1970	0.2036	0.1457	0.0671	0.0662	0.2018
	P-706	ARTISTIC	0.2108	0.2243	0.1428	0.1181	0.1232	0.1010	0.2281	0.1517	0.2224	0.1661
	P-707	MUSICAL	0.2328	0.2241	0.1739	0.1199	0.1221	0.1570	0.2351	0.1410	0.1955	0.1910
	P-708	SPORTS	0.1445	0.1473	0.0996	0.1196	0.1134	0.0498	0.0653	0.0477	0.0743	0.1616
	P-709	HUNTING & FISHING	0.1020	0.1091	0.0101	0.0651	0.0541	-0.0080	0.0452	0.0546	0.1010	0.0909
	P-710	BUSINESS MANAGEMENT	0.0607	0.0613	0.1370	0.1417	0.1185	0.1075	0.1146	0.0813	0.0703	0.1762
	P-711	SALES	-0.0022	-0.0053	0.0101	0.0727	0.0669	0.0236	0.0280	0.0136	0.0296	0.1216
	P-712	COMPUTATION	-0.1363	-0.1031	0.1143	0.0204	0.0177	0.1152	-0.0649	-0.0396	-0.0637	0.0514
	P-713	OFFICE WORK	-0.4176	-0.4207	-0.0974	-0.0839	-0.0796	-0.0513	-0.1594	-0.1607	-0.2088	-0.0498
	P-714	MECHANICAL,TECHNICAL	0.0637	0.0947	0.0657	0.0591	0.0320	0.0066	0.0141	0.0328	0.0850	0.0970
	P-715	SKILLED TRADES	-0.0661	-0.0669	-0.0337	0.0201	-0.0004	-0.0620	-0.0550	-0.0614	-0.0069	0.0667
	P-716	FARMING	0.0303	0.0896	0.0028	0.0516	0.0641	0.0126	0.0061	0.0350	0.0912	0.0534
	P-717	LABOR	-0.0527	-0.0649	-0.0537	0.0128	-0.0175	-0.0603	-0.0381	-0.0542	-0.0058	0.0325
STDNT ACTIV INVEN	R-601	SOCIABILITY	0.0197	-0.0003	0.0081	0.1210	0.1305	0.0599	0.0708	0.0187	-0.0559	0.1849
	R-602	SOCIAL SENSITIVITY	0.1197	0.1275	0.1227	0.1389	0.1434	0.1831	0.1973	0.1310	0.0955	0.1502
	R-603	IMPULSIVENESS	0.0748	0.0810	0.0129	0.0383	0.0426	-0.0935	0.1085	0.1190	0.1583	0.0731
	R-604	VIGOR	0.1328	0.1285	0.1317	0.1520	0.1571	0.1621	0.1456	0.1196	0.0858	0.2196
	R-605	CALMNESS	0.1339	0.1463	0.1884	0.0975	0.1306	0.2898	0.1972	0.1901	0.1118	0.1416
	R-606	TIDINESS	0.0330	0.0261	0.1531	0.0875	0.0932	0.3124	0.1439	0.0800	-0.0055	0.0880
	R-607	CULTURE	0.2258	0.2161	0.2220	0.1692	0.1785	0.3058	0.2758	0.2104	0.1870	0.2304
	R-608	LEADERSHIP	0.1942	0.1851	0.2752	0.1904	0.1720	0.2246	0.2553	0.1781	0.1319	0.2653
	R-609	SELF-CONFIDENCE	0.1517	0.1564	0.1765	0.1283	0.1494	0.2632	0.2653	0.2799	0.1451	0.1714
	R-610	MATURE PERSONALITY	0.1947	0.2155	0.3874	0.1838	0.1874	0.5052	0.3005	0.2826	0.1741	0.1870
STUDENT INFO BLANK SCALES	D-802	HS CURRIC-ACAD VS OTHER		0.7565	0.2850	0.2294	0.2218	0.2717	0.2508	0.2212	0.2292	0.1768
	F-803	HS COURSES(ACAD ORIENT)	0.7565		0.3392	0.2269	0.2522	0.2802	0.2856	0.2499	0.2736	0.1602
	P-820	HIGH SCHOOL GRADES	0.2850	0.3392		0.1242	0.1533	0.4416	0.3210	0.3139	0.1952	0.1855
	F-822	GUIDANCE RECD IN HS	0.2294	0.2269	0.1242		0.3362	0.1951	0.1810	0.1018	0.1765	0.2156
	F-823	GUIDANCE RECD ELSEWHERE	0.2213	0.2522	0.1533	0.3362		0.1967	0.1535	0.1282	0.1967	0.1507
	P-827	STUDY HABITS & ATTITUDES	0.2717	0.2302	0.4416	0.1951	0.1967		0.3871	0.4143	0.1966	0.1338
	P-828	SELF-PERCEP OF WRTG SKILLS	0.2508	0.2456	0.3210	0.1810	0.1535	0.3871		0.4396	0.2769	0.1712
	P-829	SELF-PERCEP OF RDNG SKILLS	0.2212	0.2499	0.3139	0.1018	0.1282	0.4143	0.4396		0.3938	0.1172
	F-830	AMT OF EX-CURR RDNG	0.2292	0.2736	0.1952	0.1766	0.1967	0.1966	0.2769	0.3938		0.1581
	P-831	VAR OF EX-CURR GRP ACT	0.1768	0.1602	0.1855	0.2156	0.1507	0.1338	0.1712	0.1172	0.1581	
	F-832	VAR PARTIC IN EX-CURR GRP ACT	0.2245	0.2195	0.2471	0.2470	0.2073	0.2188	0.2255	0.1624	0.1904	0.8795
	P-833	VARIETY OF HOBBIES	0.1062	0.1074	0.0575	0.1807	0.1505	0.0852	0.0925	0.0608	0.1798	0.3513
	F-834	DEGREE OF ACT IN HOBBIES	0.1074	0.1138	0.0643	0.2009	0.1883	0.1644	0.1283	0.0996	0.2324	0.3382
	F-835	PARTICIPATION IN SPORTS	0.1343	0.1511	0.0457	0.1904	0.1648	0.0803	0.0738	0.0621	0.1316	0.2261
	F-836	LEADERSHIP ROLES	0.1507	0.1515	0.1857	0.1816	0.1403	0.1244	0.1312	0.0869	0.1030	0.2719
	F-837	SOCIAL LIFE	-0.0459	-0.0429	-0.0163	0.0434	0.0821	-0.0882	0.0868	0.0257	-0.0060	0.1098
	F-838	WORK ACTIVITIES	-0.0656	-0.0683	-0.0374	0.1076	0.0772	-0.0047	0.0047	-0.0070	0.0505	0.0670

TABLE 6.4 (continued)

		F-832	P-833	F-834	F-835	F-836	F-837	F-838
INFORMATION TEST I	R-101	0.0212	0.0116	0.0219	0.0543	0.0225	0.0523	0.0042
	R-102	0.1011	0.0720	0.0809	0.0950	0.0984	0.0236	-0.0540
	R-103	0.1061	0.0577	0.0635	0.0876	0.0883	-0.0124	-0.0744
	R-104	0.1507	0.0589	0.0995	0.0913	0.1253	0.0425	-0.0511
	R-105	0.0905	0.0520	0.0504	0.0686	0.0899	-0.0281	-0.0644
	R-106	0.1701	0.0999	0.0806	0.1031	0.1250	-0.0346	-0.0759
	R-107	0.1330	0.1201	0.1101	0.0966	0.1152	-0.0424	-0.0709
	R-108	0.0995	0.1098	0.1187	0.0602	0.0905	-0.0186	-0.0572
	R-109	0.0590	0.0389	0.0428	0.0790	0.0859	0.0707	-0.0141
	R-110	0.0332	0.0895	0.0920	0.0700	0.0551	-0.0192	-0.0322
	R-111	0.0607	0.1149	0.1202	0.0571	0.0612	-0.0273	-0.0311
	R-112	0.0443	0.1296	0.1449	0.0717	0.0637	0.0281	0.0184
	R-113	0.0781	0.0972	0.1169	0.0295	0.0617	0.0069	-0.0166
	R-114	0.0431	0.0744	0.1357	0.0147	0.0534	0.0182	0.0789
	R-115	0.1095	0.0547	0.0511	0.1957	0.1311	0.0405	-0.0141
INFORMATION TEST II	R-131	0.0656	0.0676	0.0935	0.1005	0.0799	0.0402	-0.0586
	R-132	0.0531	0.0393	0.0330	0.0282	0.0658	0.0131	-0.0483
	R-133	0.0479	0.0399	0.0496	0.0624	0.0754	0.0395	-0.0159
	R-134	0.0517	0.0922	0.0998	0.0789	0.0587	0.0398	0.0013
	R-135	0.0704	0.0558	0.0622	0.0577	0.0576	0.0060	-0.0306
	R-136	0.0732	0.0187	0.0247	0.0509	0.0708	0.0386	-0.0163
	R-137	0.0481	0.0482	0.0631	0.0824	0.0618	0.0165	-0.0523
	R-138	0.0706	0.0294	0.0335	0.0426	0.0650	0.0139	-0.0348
	R-139	0.0334	0.0081	0.0143	0.0506	0.0526	0.0673	0.0129
	R-140	0.0549	0.0413	0.0499	0.1130	0.0671	0.1173	0.0268
	R-141	0.0006	-0.0256	-0.0210	0.0252	0.0138	0.0776	0.0210
	R-142	0.1203	0.0428	0.0442	-0.0181	0.0664	-0.0327	-0.0221
	R-143	0.0776	0.0515	0.0688	0.0270	0.0667	0.0842	-0.0289
	R-144	0.0759	0.0474	0.0595	0.0671	0.0685	0.0693	-0.0013
	R-145	-0.0025	0.0534	0.0574	0.0364	-0.0018	0.0205	-0.0069
	R-146	0.0155	0.0384	0.0469	0.0417	0.0191	0.0129	-0.0142
	R-147	0.0436	0.0980	0.0967	0.1860	0.0973	0.0633	0.0021
	R-148	0.0135	0.0299	0.0333	0.0545	0.0321	0.0565	0.0139
	R-149	0.0429	0.0543	0.0517	0.0985	0.0474	0.0426	-0.0154
	R-150	0.0796	0.0205	0.0477	0.0978	0.0745	0.0529	-0.0362
	R-151	0.0552	0.0308	0.0643	0.1147	0.0714	0.0820	0.0005
	R-152	0.0819	0.0574	0.0632	0.0757	0.0799	0.0113	-0.0264
	R-162	0.0655	0.0459	0.0520	0.0865	0.0776	0.0630	-0.0197
	R-211	0.0582	0.0490	0.0174	0.0297	0.0493	0.0216	-0.0332
	R-212	0.0846	0.0305	0.0118	0.0583	0.0726	0.0369	-0.0402
	R-220	0.0766	0.0337	0.0357	0.1073	0.0740	0.1018	0.0181
ENGLISH TEST	R-231	0.0654	-0.0265	-0.0414	0.0228	0.0429	0.0143	-0.0322
	R-232	0.0603	-0.0293	-0.0083	0.0503	0.0478	0.0211	-0.0175
	R-233	0.1013	0.0261	0.0098	0.0407	0.0788	0.0386	-0.0242
	R-234	0.0838	0.0281	0.0074	0.0423	0.0583	0.0187	-0.0373
	R-235	0.0510	0.0027	-0.0134	0.0479	0.0626	0.0513	-0.0231
	R-240	0.1507	0.0595	0.0405	0.0605	0.0943	0.0280	-0.0397
	R-250	0.0916	0.0319	0.0468	0.0952	0.0942	0.0325	-0.0363
	R-260	0.0877	0.1011	0.1077	0.0923	0.0927	0.0708	0.0091
	R-270	0.0607	0.1518	0.1456	0.1237	0.0991	0.0422	0.0025
	R-281	0.0215	0.0924	0.0913	0.0706	0.0634	0.0714	0.0129
	R-282	0.0569	0.1475	0.1400	0.0472	0.0611	0.0291	0.0189
	R-290	0.0812	0.0949	0.0805	0.0913	0.0953	0.0676	0.0078
MATH TEST	R-311	0.0925	0.0553	0.0365	0.0654	0.0874	0.0411	0.0241
	R-312	0.1455	0.0865	0.0606	0.0986	0.1076	-0.0264	-0.0577
	R-333	0.1196	0.0896	0.0641	0.0947	0.0917	-0.0255	-0.0637
	F-410	0.0354	-0.0173	-0.0295	0.0659	0.0471	0.0330	0.0110
	F-420	0.0131	0.0224	0.0176	0.0527	0.0268	0.0603	0.0295
	F-430	0.0504	0.0307	0.0410	0.0926	0.0662	0.0749	0.0164
	F-440	0.0527	0.0728	0.0822	0.1001	0.0779	0.0892	0.0267
	A-410	0.1206	0.0261	0.0438	0.1108	0.1077	0.0268	0.0385
	A-420	0.0554	0.0342	0.0366	0.0709	0.0501	0.0554	0.0322
	A-430	0.1049	0.0491	0.0308	0.0953	0.0830	0.0425	0.0161
	A-440	0.0714	0.0870	0.1076	0.1098	0.0836	0.0704	0.0266
	A-500	0.0536	0.0075	0.0348	0.0280	0.0246	0.0318	0.0218
INTEREST INVENTORY	P-701	0.1765	0.2506	0.2047	0.1589	0.0919	-0.0686	-0.0046
	P-702	0.2080	0.2069	0.2208	0.1876	0.1259	-0.0288	0.0089
	P-703	0.2163	0.1369	0.1164	0.1391	0.1056	-0.0064	0.0026
	P-704	0.2726	0.1959	0.2038	0.1205	0.1315	-0.0073	-0.0146
	P-705	0.2562	0.1324	0.1565	0.1027	0.1374	-0.0165	0.0594
	P-706	0.1367	0.2466	0.2793	0.1201	0.0915	0.0366	-0.0223
	P-707	0.2436	0.1838	0.2269	0.0833	0.1032	-0.0551	-0.0061
	P-708	0.1893	0.2105	0.1760	0.4496	0.1713	0.0490	0.0379
	P-709	0.0998	0.2526	0.2417	0.2736	0.0762	0.0204	0.0233
	P-710	0.1924	0.1353	0.1164	0.1265	0.0996	0.0559	0.0484
	P-711	0.1152	0.1267	0.1079	0.0659	0.0279	0.0444	0.0454
	P-712	0.0507	0.0945	0.0642	0.0183	0.0023	0.0023	0.0998
	P-713	-0.0592	-0.0253	-0.0271	-0.0574	-0.0707	0.0643	0.0996
	P-714	0.0808	0.2802	0.1960	0.1525	0.0273	-0.0322	0.0399
	P-715	0.0490	0.2284	0.1895	0.0825	-0.0116	-0.0288	0.0695
	P-716	0.0633	0.2706	0.2850	0.2337	0.0561	-0.0614	0.0433
	P-717	0.0196	0.1506	0.1256	0.0533	-0.0364	-0.0333	0.0807
STDNT ACTIV INVEN	R-601	0.2358	0.0508	0.0923	0.2023	0.1547	0.2325	0.0718
	R-602	0.2043	0.1048	0.1713	0.1229	0.1336	0.1154	0.0513
	R-603	0.0846	0.0351	0.0803	0.1151	0.0485	0.1277	0.0356
	R-604	0.2334	0.1680	0.2269	0.3641	0.2409	0.1318	0.0990
	R-605	0.1986	0.1112	0.1787	0.1186	0.1378	0.0394	0.0524
	R-606	0.1349	0.0538	0.1374	0.0753	0.0706	0.0740	0.0469
	R-607	0.3075	0.1533	0.2535	0.1241	0.1785	0.0716	0.0176
	R-608	0.3682	0.1309	0.1980	0.1842	0.3294	0.1059	0.0450
	R-609	0.2415	0.1027	0.1672	0.1647	0.1866	0.1308	0.0428
	R-610	0.2824	0.1430	0.2473	0.1401	0.1920	0.0280	0.0931
STUDENT INFO BLANK SCALES	D-802	0.2245	0.1062	0.1074	0.1343	0.1507	-0.0459	-0.0696
	F-803	0.2105	0.1274	0.1138	0.1511	0.1516	-0.0428	-0.0683
	P-820	0.2471	0.0575	0.0643	0.0457	0.1857	-0.0163	-0.0374
	F-822	0.2470	0.1907	0.2009	0.1904	0.1816	0.0434	0.1076
	F-823	0.2073	0.1505	0.1883	0.1648	0.1403	0.0821	0.0772
	P-827	0.2188	0.0852	0.1644	0.0803	0.1244	-0.0882	-0.0047
	P-828	0.2255	0.0925	0.1283	0.0738	0.1312	0.0868	0.0047
	P-829	0.1624	0.0608	0.0996	0.0621	0.0869	0.0257	-0.0070
	F-830	0.1904	0.1798	0.2324	0.1316	0.1030	-0.0060	0.0505
	P-831	0.3795	0.3513	0.3392	0.2261	0.2719	0.1098	0.0670
	F-832		0.3470	0.3874	0.2524	0.3249	0.1193	0.0679
	P-833	0.3470		0.7631	0.3498	0.1792	0.0209	0.1046
	F-834	0.3874	0.7631		0.3751	0.1811	0.0382	0.1235
	F-835	0.2524	0.3498	0.3751		0.2421	0.1770	0.1125
	F-836	0.3249	0.1792	0.1811	0.2421		0.1200	0.0814
	F-837	0.1193	0.0209	0.0382	0.1770	0.1200		0.1054
	F-838	0.0679	0.1044	0.1235	0.1125	0.0814	0.1054	